

EQUIPMENT

ADAPTERS & POWER ADAPTERS

Adaptor Plug (Euro to UK)



For Testing & Timing Equipment - Adaptor Plug - Euro

Code	Description	иом	Price
A32444	2 Pin to UK 3 Pin Plug Universal Adapter	EACH	£2.95
A33069	2 Pin to UK 3 Pin Plug Universal Adapter	EACH	£1.95
A48974	2 Pin to UK 3 Pin Plug Universal Adaptor, Fused	EACH	£2.50
A40932	2 Pin to UK 3 Pin Plug Universal Adapter, Fused & Earthed	EACH	£3.50

Power Supplies

Mains Adaptor (230v)

For the following Elma equipment

- Watchmatic
- Watchmaster
- · Profi Check
- · Profi Check Rate

For the following Witschi equipment:

- Analyzer Twin
- Analyzer Q1
- Chronoscope S1
- Micromat C
- Micromat S
- Tech Handy 2
- Proofmaster M
- · Proofmaster S
- Watch Expert 2, 3 & 4

Code	Description	UOM	Price
M32301	Mains Adaptor, Witschi 95.64.10	EACH	£28.95

BARRELLING

- Hobby Level
- Workshop Level
- Commercial Level

Save time and money with the barrelling process using Cousins Material House range of Bench Top and Rota Barrelling Machines. What is the barrelling process?

The process of barrelling is a quick and economical way of polishing small and large quantities of jewellery and components in two stages. A wide variety of metals can be

finished in barrelling machines such as gold, silver, platinum, copper, brass, pewter and bronze. The barrel burnish process can take up to 2 to 4 hours depending on the metal. To get used to the finishing time, run the machine for an hour, review your piece and then repeat. This will give you an idea of the times you will need to burnish your different types of metal

Deburring – produces a matt surface, removes marks, scratches and surface defects and can also be used to remove sharp edges.

Stage 2 -

Polishing – produces a semi bright finish on many metals, reduces work on polishing wheels and does not damage delicate items. In barrelling, the pieces and polishing media mix as the barrel drum rotates; the de burring or polishing action is due to the surfaces of the article and media sliding over each other under the pressure exerted by the mass of the media.

Modern barrelling processes involve the use of barrelling compound (C4365) which is mixed with water together with media. The barrelling compound mixed with water acts as a lubricant between components and the media. It prevents the media from glazing and also keeps the components and tumbling media in good condition.

It is most important to keep your various types of metals separated with additional drums. For example using silver in a drum you usually use for gold will cause your metal to look yellowish. Full ranges of all barrelling machine drums available separately, see our listings. Please note for ease of use we have approximately calculated media, solution, and component capacity in both stages for all our range of Barrelling Machines.

Please note platinum is a metal you can use with the first stage of the barrelling process but hand finishing will achieve the best results replacing the second stage process. Cousins supply a large range of mops, compositions and abrasives for the ultimate high mirror

When polishing platinum casts or handmade items use at least three grades of abrasive paper to level the metal and then follow the barrelling stages above. Remember platinum is a hard metal so ideally it needs these three stages of polishing to attain an expert finish. If you plate over an item you have barrelled the item will not give as high a finish compared to hand finishing; the piece maybe pitted or marks. Please remember barrelling is a burnishing process, it does not remove the surface area like a mop finish does.

Hobby Level

Our excellent first range of barrelling machines, ideal for small workshops, retail shops, hobbyists, jewellery artists etc.

- · Available in 375ml, 500ml and 750ml capacity (2lb & 3lb)
- Durable construction consisting of metal roller base

- · Gear belt driven making the tumbler fast and efficient
- · Sturdy plastic drum resting on rubber coated rollers
- Drum inside consists of 3 fins catching your media and work quickening the burnishing & polishing process
- 2 way removable and easy fit lids
- 375ml machine comes with rubber drum with 3 fins
- · Approx. speed 50 rpm
- · Made in the UK
- 240 volt
- 5 year quarantee

375ml Barrelling Machine



- Drum will hold approx. 375ml barrelling solution
- Rubber drum with metal lid for quieter operation
- Capacity 1.5lb (680 grams)
- Inner drum size Ø100 x 70mm
 Dimensions: 140 x 105 x 120mm
- Weight: 1.5kg

Code	Description	иом	Price
B46586	375ml Barrelling Machine	EACH	£54.95





Barrelling Media (Popular Mix)

See Page 1158





500ml Barrelling Machine



Features:

- Drum will hold approx. 500ml barrelling solution
- Capacity 2lb (907 grams)
- Inner drum size Ø100 x 85mm
- Dimensions: 140 x 105 x 205mm
- · Weight: 1.5kg

Directions for Use:

- · For the first satge use 250g of PB Green Cones (B4903) and 3 grams of PB Cutting powder (C4904) to assure more abrasive removal. Remember the more PB Cutting Powder you add the more cutting removal will occur. Add also 25 grams of barrelling powder
- (C4365) as this will provide cleaning and lubricant.
 For the second stage use Cousinsuk mix shot
 (S35424) to get the ultimate polishing results. Will hold up to 500g of mix shot and 1 to 8 rings. Use 25 grams of barrelling powder with water for cleaning and lubricating action

Code	Description	UOM	Price
B35414	500ml Barrelling Machine	EACH	£59.95

750ml Barrelling Machine



Features:

- Drum will hold approx. 750ml barrelling solution
- Capacity 3lb (1360 grams)
 Inner drum size Ø100mm x 140mm
- Dimensions: 205 x 105 x 205mm
- Weight: 1.7kg

Directions for Use:

- For the first stage use 375g of PB Green Cones (B4903) and 5 grams of PB Cutting powder (C4904) to assure more abrasive removal. Remember the more PB Cutting Powder you add the more cutting removal will occur. Add also 35 grams of barrelling powder (C4365) as this will provide cleaning and lubricant.
- For the second stage use Cousinsuk mix shot (S35424) to get the ultimate polishing results.Will hold up to 750g of mix shot and 1 to 12 rings. Use 35

grams of barrelling powder with water for cleaning and lubricating action

Code	Description	иом	Price
B35415	750ml Barrelling Machine	EACH	£66.95

Barrel Drum, 375ml (Rubber)

- Additional 375ml bench top barrelling drum for B46586
- Drum will hold approx. 375ml barrelling solution
- Inner drum size Ø100 x 70mm
- Rubber with metal lid

Code	Description	иом	Price
B46587	Barrel Drum, 375ml (Rubber)	EACH	£29.95

Barrel Drum, 500ml

- Additional 500ml bench top barrelling drum for B35414
- Drum will hold approx. 500ml barrelling solution
- Inner drum size Ø100 x 85mm
- 3 fins on the inside of the

Code	Description	иом	Price
B35418	Barrel Drum, 500ml	EACH	£7.70

Barrel Drum, 500ml (Without Fins)

- Additional 500ml bench top barrelling drum for B35414
- Drum will hold approx. 500ml barrelling solution
- Inner drum size Ø100 x 85mm
- · No fins on the inside of the drum

Code	Description	иом	Price
B47259	Barrel Drum, 500ml (Without Fins)	EACH	£5.95

Barrel Drum, 750ml

- Additional 750ml bench top
- barrelling drum for B35414 Drum will hold approx. 750ml barrelling solution
- Inner drum size Ø100 x 140mm
- 3 fins on the inside of the drum

Code	Description	UOM	Price
B35419	Barrel Drum, 750ml	EACH	£8.95

Barrel End Cap for 500 & 750ml

 Replacement end cap for both 500ml & 750ml barrels



Code	Description	иом	Price
R35416	Barrel End Can for 500 & 750ml	FACH	£2.95



Drive Belt for 500 & 750ml

Replacement Drive Belt for:

- B35414
- B35415

Code	Description	UOM	Price
B35417	Drive Belt for 500 & 750ml	EACH	£2.95

Workshop Level

CousinsUK's new workshop range of barrelling machines, superb for the demanding medium sized batch of work. Ideal for the medium sized workshop's load, the jobber repairer jeweller, contemporary jewellery artists or gold/silver re-sellers

- Available in 800ml and 1600ml (3lb/1350g or 6lb/2700g)
- · Durable construction consisting of metal roller base
- Gear belt driven making the tumbler fast and effective
- Rubber drum with rubber lid
- Rotates on rubber coated rollers, extra quiet operation
- Drums with lipped rubber end cap with two vanes catching your media and work quickening the burnishing/polishing process
- Drum with metal lid & no fins available as a spare for specialised lapidary polishing
- One way removable easy fit lids
- · Approx. Speed 60 rpm
- · Made in the UK

Directions for Use (per drum):

- For the first stage use 375g of PB Green Cones (B4903) and 4 grams of PB Cutting powder (C4904) to assure more abrasive removal. Remember the more PB Cutting Powder you add the more cutting removal will occur. Also add 40 grams of barrelling powder (C4365) as this will provide some cleaning and lubricant.
- For the second stage, use Cousinsuk mix shot (\$35424) to get the ultimate polishing

Will hold up to 750g of mix shot and 1 to 12 rings. Use 40 grams of barrelling powder with water for cleaning and lubricating action

800ml Single Barrelling Machine



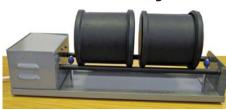
Includes:

- Motor • Barrel drum
- · Barrel lid
- · Drum will hold approx. 800ml barrelling solution
- Capacity 3lb/1350gInner drum size: Ø105 x 110mm
- Dimensions: 310 x 105 x 180mm

• Weight: 2.5kg

Code	Description	UOM	Price
B35408	800ml Single Barrelling Machine	EACH	£149.95

1600ml Double Barrelling Machine



Includes:

- Motor
- Barrel drum x 2
- Barrel lid x 2

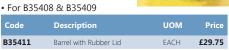
Features:

- 2 x Drums will hold approx. 800ml barrelling solution each
- 2 x Capacity 3lb/1350g each
- 2 x Inner drum size: Ø105 x 110mm Dimensions: 460 x 105 x 205mm
- Weight: 3.5kg

Code	Description	UOM	Price
B35409	1600ml Double Barrelling Machine	EACH	£177.95

Barrel with Rubber Lid

- 800ml
- Overal size: Ø130 x 130 (diameter x overall length)
- Inner drum size: Ø105 x 110mm



Barrel Lid, Rubber

For drum B35411



Code	Description	иом	Price
B35412	Barrel Lid, Rubber	EACH	£12.15

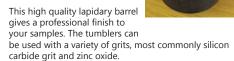
Drive Belt for 800ml & 1600ml



Code	Description	иом	Price
B35413	Drive Belt for 800ml & 1600ml	EACH	£6.95

Lapidary Barrel with Metal Lid

Lapidary Barrels are used for tumbling and polishing rough rock, stones and pebbles, including those found on the beach as well as glass.



- Easy open/close metal lid action
- · Has no fins unlike the rubber drum so no risk of stones chipping each other whilst finishing

- Overal size: Ø115 x 130 (diameter x overall length)
- Inner drum size: Ø100 x 125mm

Code	Description	иом	Price
B35410	Lapidary Barrel with Metal Lid	EACH	£25.95

Lapidary Barrel Metal Lid

Lid for B35410



Code	Description	иом	Price
B47756	Lapidary Barrel Metal Lid	EACH	£15.95

Commercial Level

"Rota Barrels" are heavy duty burnishing & barrelling machines for de burring, grinding, and polishing metal.

- Six sided barrel bodies for perfect results, polypropylene made with a 10 year quarantee
- New power transmission system, continuously rated.
- · Quick release lid.
- · Choice of barrel configurations, choose between 3 and 6 litre capacities or a mix of sizes.
- Sizes of Rota barrels to suit all your needs 6, 12 and 18 litre capacity.
- Available in variable speed which is a handy feature as small fine components can be finished without risk of damage on low speed. And larger pieces can be burnish polished by fastening speed quicker turning round your work.
- To give you an idea how much work can be done at one time, every 1ltr for the barrelling process will do up to 10 rings. So a 6ltr Rota Barrel will approximately burnish/polish 60 rings.

Stage 1

Deburring – produces a matt surface, removes marks, scratches and surface defects and can also be used to remove sharp edges.

- Every one litre in your barrel body will take 250g of green cones (B4903);
- Use 5g of PB Cutting Powder (C4904) per litre of water. For added potency add five more grams of PB cutting powder to ensure more abrasive removal of metal;
- Use 5g of barrelling powder to one litre of water (C4365);
- The efficiency of the barrel is dependent on the ratio of volume of work to the weight

Stage 2

Polishing – produces a semi bright finish on many metals reduces work on polishing wheels and does not damage delicate items. In barrelling, the pieces and polishing media mix as the barrel drum rotates; the de burring or polishing action is due to the surfaces of the article and media sliding over each other under the pressure exerted by the mass of the media. Modern barrelling processes involve the use of barrelling compound (C4365) which is mixed with water together with media. It prevents the media from glazing and also keeps the components and tumbling media in good condition.

Barrelling Media:

For effective barrel burnishing it is essential that suitable media be used and that these be maintained in good condition. For the majority of barrel burnishing, balls are employed in conjunction with special shapes to ensure effective burnishing of the surface of

components.

- Every one litre barrel body size will take 1KG of steel media shot and shapes (\$35424).
- Use 50g of barrelling powder to one litre of water. (C4365)

Directions for Use:

- 1. Load compartments with approximately the required amount of Green Cones (B4903).
- 2. Add cold water until the barrel is half full of
- 3. Add right amount of cutting powder plus barrelling powder (C4365 & C4904)
- 4. Add work to be processed
- 5. Close barrel securely. Switch on and run between one and four hours depending on the quality of the work and the finish required.
- 6. Empty the barrel.
- 7. Wash well in running water.
- 8. Repeat process with shot and barrellng powder following the guidelines in stage

6 litre "Rota Barrel"



This versatile unit will accept 2 of 3 ltr chambers available separately.

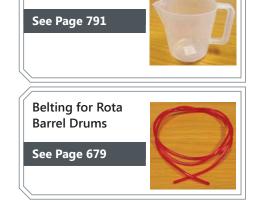
- Supplied with acid and corrosion resistant polpropylene barrels set upon a powder coated framework
- Dimensions 40 x 30 x 57cm high
- 18kg

Supplied with 1 x 6 Litre Barrel

Measuring Jugs

- Opening = 55mm x 135mmLength 270mm x Width 250mm x Height 270mm
- Weight: 2500 grams

Code	Description	ИОМ	Price
B4896	6 litre "Rota Barrel"	EACH	£720.00





6 litre "Rota Barrel" Variable Speed



- Speed Controller ranging from 10 to 50 rpm for delicate to robust barrelling, suitable for all metals
 • Supplied with acid and corrosion resistant
- polpropylene barrels set upon a powder coated
- Dimensions 40 x 30 x 57cm high
- 18kg

Supplied with 1 x 6 Litre Barrel

- Opening = 55mm x 135mm Length 270mm x Width 250mm x Height 270mm
- Weight: 2500 grams

Code	Description	UOM	Price
B33084	6 litre "Rota Barrel" Variable Speed	EACH	£935.00

12 litre "Rota Barrel"



- Supplied with acid and corrosion resistant polpropylene barrels set upon a powder coated
- Suitable for all regular media products and solutions
- Unit size: 65 x 30 x 57 cm high
- 22 kg

Supplied with 2 x 6 Litre Barrel

- Opening = 55mm x 135mm
- Length 270mm x Width 250mm x Height 270mm
- Weight : 2500 grams each

Code	Description	иом	Price
B4897	12 litre "Rota Barrel"	EACH	£875.00





12 litre "Rota Barrel" Variable Speed



- Speed Controller ranging from 10 to 50 rpm for delicate to robust barrelling, suitable for all metals
- Supplied with acid and corrosion resistant polpropylene barrels set upon a powder coated framework
- Unit size: 65 x 30 x 57 cm high
- 22 kg

- Supplied with 2 x 6 Litre Barrel
 Opening = 55mm x 135mm
 Length 270mm x Width 250mm x Height 270mm
- Weight : 2500 grams each

Code	Description	иом	Price
B33085	12 litre "Rota Barrel" Variable Speed	EACH	£1,120.00

18 litre "Rota Barrel"



- Supplied with acid and corrosion resistant polpropylene barrels set upon a powder coated framework
- 18 litre model for the busy workshop, this multi chamber machine can be used with all popular media products
- Unit size: 94 x 30 x 57 cm high
- 26 kg

Supplied with 3 x 6 Litre Barrel

- Opening = 55mm x 135mm
 Length 270mm x Width 250mm x Height 270mm
- Weight: 2500 grams each

Code	Description	иом	Price
B5104	18 litre "Rota Barrel"	EACH	£1,090.00

18 litre "Rota Barrel" Variable Speed



- Speed Controller ranging from 10 to 50 rpm for delicate to robust barrelling, suitable for all metals
 • Supplied with acid and corrosion resistant
- polpropylene barrels set upon a powder coated framework
- 18 litre model for the busy workshop, this multi chamber machine can be used with all popular media

- Unit size: 94 x 30 x 57 cm high
- 26 kg

Supplied with 3 x 6 Litre Barrel

- Opening = 55mm x 135mm Length 270mm x Width 250mm x Height 270mm
- Weight : 2500 grams each

Code	Description	иом	Price
B33086	18 litre "Rota Barrel" Variable Speed	EACH	£1,329.00

Barrel Drum, 3 Litre

Barrel Drum, 3 litres, fits machines B4896 / B4897 / B5104

Sizes:

- Opening = 48mm x 80mm Length 270mm x Width 125mm x Height 270mm
- Weight : 1500 grams

Code	Description	иом	Price
B5336	Barrel Drum, 3 Litre	EACH	£93.95

Barrel Drum, 6 Litre

Barrel Drum, 6 litres, fits machines B4896 / B4897 / B5104



- Opening = 55mm x 135mm
- Length 270mm x Width 250mm x Height 270mm
- Weight : 2500 grams

Code	Description	ИОМ	Price
B4932	Barrel Drum, 6 Litre	EACH	£126.50

Drive Belt, Ø8 x Ø240mm

• Fits all Rota Barrelling machines

B45968

- Belt that connects the motor to the machine
- Ø8mm x Ø240mm (tube

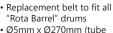
Code	Description	UOM	Price

FACH

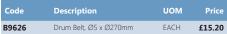
£15.20

Drive Belt, Ø8 x Ø240mm Drum Belt, Ø5 x











Jewellers Benches

Free Delivery!

Items B42392, B42393, B42394 & B4834 price



includes delivery to UK mainland! (please place your order selecting a carriage method as usual. The carriage charge will be removed & refunded once the order is placed)

- Constructed to the criteria demanded by professional jewellers
- Designed with features of the manufacturing/repair shop bench
- · Robust durable construction
- For jewellers, engravers, hobbyists, technicians etc.
- · Made in Italy

Italian Benches:

- Bench frame of solid, real beechwood
- 40mm thick table top
- Table top of study composite multi layer material, covered in a final layer of laminate
- Equipped with removable recovery/storage draw made of steel
- Steel lined compartment complete with fibre ceramic plate for soldering equipment
- · Supplied with beechwood bench peg
- See "more info" for individual dimensions

Jewellers Bench, Folding



- · Very robust with folding legs for easy mobility and
- Dimensions: 84 x 91.5 x 61cm (HxLxD)
- Depth from back board to top of arch: 14" / 36cm

Code	Description	иом	Price
B4195	Jewellers Bench, Folding	EACH	£325.00

Jewellers Bench, Italian



Price includes delivery to UK mainland!

- Overall Dimensions: 96 x 93 x 60cm (height x length x depth)
- Dimensions of arch cut out: 64 x 13cm (length x depth)
- 4cm thick table top
- Laminated worktop
- High quality beech wood frame
- · Equipped with removable recovery/storage draw made of steel
- Steel lined compartment complete with fibre ceramic plate for soldering equipment storage

- Supplied with beechwood bench peg
- Weight 50Kg
- To order item, delivery time usually 5 weeks (8 weeks if order is placed in August or December)
- · Delivered direct from Factory
- · Made in Italy

Code	Description	иом	Price
B42392	Jewellers Bench, Italian	EACH	£495.00

Jewellers Bench, Italian with **Wooden Top**



Price includes delivery to UK mainland!

- Overall Dimensions: 96 x 93 x 60cm (height x length x depth)
- Dimensions of arch cut out: 64 x 13cm (length x depth)
- · 4cm thick table top
- Solid wood worktop
- · High quality beech wood frame
- Equipped with removable recovery/storage draw made of steel
- Steel lined compartment complete with fibre ceramic plate for soldering equipment storage
- · Supplied with beechwood bench peg
- Weight 50Kg
 To order item, delivery time usually 5 weeks (8 weeks) if order is placed in August or December)
- Delivered direct from Factory

Code	Description	UOM	Price
B42394	Jewellers Bench, Italian with Wooden Top	EACH	£595.00

Jewellers Bench, Italian, 3 Draw



Price includes delivery to UK mainland!

- Overall Dimensions: 96 x 120 x 60cm (height x length x depth)
- Dimensions of arch cut out: 64 x 13cm (length x depth)
- · 4cm thick table top
- · Laminated worktop
- High quality beech wood frame
- Equipped with removable recovery/storage draw made of steel
- · Steel lined compartment complete with fibre ceramic plate for soldering equipment storage
- · Supplied with beechwood bench peg
- 3 extra storage draws
- · Weight 75Kg

- To order item, delivery time usually 5 weeks (8 weeks if order is placed in August or December)
- Delivered direct from Factory

Code	Description	UOM	Price
B42393	Jewellers Bench, Italian, 3 Draw	EACH	£695.00

Jewellers Bench, Italian, 8 Draw



Price includes delivery to UK mainland!

- Overall Dimensions: 96 x 120 x 60cm (height x length x depth)
- Dimensions of arch cut out: 64 x 13cm (length x depth)
- · 4cm thick table top
- Laminated worktop
- · High quality beech wood frame
- Equipped with removable recovery/storage draw made of steel
- · Steel lined compartment complete with fibre ceramic plate for soldering equipment storage
- · Supplied with beechwood bench peg
- 8 extra storage draws
- · Weight 85Kg
- To order item, delivery time usually 5 weeks (8 weeks if order is placed in August or December)
- Delivered direct from Factory
- · Made in Italy

Code	Description	иом	Price
B4834	Jewellers Bench, Italian, 8 Draw	EACH	£830.00

Setters Benches

Free Delivery!

Items B42395 &, B42396 price includes delivery to UK mainland! (please place your order selecting a carriage method as usual. The carriage charge will be removed & refunded once the order is placed)

- Benches speficially designed for stone setters
- · Constructed to the criteria demanded by professional iewellers
- · Designed with features of the manufacturing/repair shop bench
- · Robust durable construction
- Made in Italy

Features:

- Bench frame of solid, real beechwood
- 40mm thick table top
- Table top covered in a strong, resistant material with a matt finish
- 40 x 40cm working hole with an adjustable depth
- Supplied with 3 tier tool/setting/mould stand attached to bench
- · See "more info" for individual dimensions

Ring & Bracelet Holding / **Clamping Tools** See Page 979



Setters Bench



Price includes delivery to UK mainland!

- Overall Dimensions: 103 x 90 x 60cm (height x length x depth)
- Dimensions of working hole: 40 x 40cm (length x width)
- 4cm thick table topTable top covered in a strong, resistant material with a matt finish
- · High quality beech wood frame
- Supplied with 3 tier tool/setting/mould stand attached to bench
- Weight 55Kg
- To order item, delivery time usually 5 weeks (8 weeks if order is placed in August or December)
- Delivered direct from Factory
- Made in Italy

Code	Description	UOM	Price
B42395	Setters Bench	EACH	£815.00

Setters Bench, 3 Draws



Price includes delivery to UK mainland!

- Overall Dimensions: 103 x 126 x 60cm (height x length x depth)
- Dimensions of working hole: 40 x 40cm (length x
- · 4cm thick table top
- Table top covered in a strong, resistant material with a matt finish
- High quality beech wood frame
- · Supplied with 3 tier tool/setting/mould stand attached to bench
- 3 extra storage draws with additional open cabinet
- Weight 70Kg
- To order item, delivery time usually 5 weeks (8 weeks if order is placed in August or December)
- Delivered direct from Factory
- · Made in Italy

Code	Description	UOM	Price
B42396	Setters Bench, 3 Draws	EACH	£1,100.00

COUSINS!!! PRICE PROMISE

Watchmakers Benches

Free Delivery!

Items B9466, B42397 & B42398 price includes delivery to UK mainland! (please place your order selecting a carriage method as usual. The carriage charge will be removed & refunded once the order is placed)

- · Constructed to the criteria demanded by professional watchmakers/repairers
- · Designed with features of the manufacturing/repair shop bench
- Robust durable construction
- · For watch makers, technicians, repairers, professionals
- · Made in Italy

Features:

- · Bench frame of solid, real beechwood
- 40mm thick table top
- Table top of study composite multi layer material, covered in a final layer of laminate
- · Routed along the edges in real beechwood, height 10mm (approx.)
- Upholstered padded arm rests with 7 adjustable heights
- Equipped with removable recovery/storage draw made of steel
- See "more info" for individual dimensions

Watchmakers Bench, 4 Draw



Price includes delivery to UK mainland!

- Overall Dimensions: 105 x 130 x 80cm (height x length x depth)
- · High quality beech wood frame
- 4cm thick table top
- Table top of study composite multi layer material, covered in a final layer of laminate
- Routed along the edges in real beechwood, height 10mm (approx.)
- · Upholstered padded arm rests with 7 adjustable heights
- 4 extra storage draws on wooden slides
- Storage cupboard
- Weight 60Kg
- To order item, delivery time usually 5 weeks (8 weeks if order is placed in August or December)
- Delivered direct from Factory
- · Armrest colours available: Black, brown or beige
- Made in Italy

Code	Description	UOM	Price
B9466	Watchmakers Bench, 4 Draw	EACH	£760.00

Bench prices include direct delivery to UK mainland

Watchmakers Bench, 8 Draw



Price includes delivery to UK mainland!

- Overall Dimensions: 96 x 120 x 60cm (height x length x depth)
- High quality beech wood frame
- 4cm thick table top
 Table top of study composite multi layer material, covered in a final layer of laminate, wood effect
- · Routed along the edges in real beechwood, height
- Half round groove along the front edge, prevents
- items from rolling off
 Upholstered padded arm rests with 7 adjustable
- heights · 8 extra storage draws on wooden slides
- Weight 60Kg
- To order item, delivery time usually 5 weeks (8 weeks if order is placed in August or December)
- Delivered direct from Factory
- Armrest colours available: Black, brown or beige
- Made in Italy

Code	Description	иом	Price
B42397	Watchmakers Bench, 8 Draw	EACH	£995.00

Watchmakers Bench, 10 Draw (On Metal Rails)



Price includes delivery to UK mainland!

- Overall Dimensions: 96 x 120 x 60cm (height x length x depth)
- High quality beech wood frame4cm thick table top
- Table top of study composite multi layer material, covered in a final layer of laminate
- · Routed along the edges in real beechwood, height 10mm (approx.) Half round groove along the front edge, prevents
- items from rolling off
 Upholstered padded arm rests with 7 adjustable
- heights
- 10 extra storage draws on metal slides
- Weight 75Kg
- To order item, delivery time usually 5 weeks (8 weeks if order is placed in August or December)
- Delivered direct from Factory
- · Armrest colours available: Black, brown or beige

Code	Description	иом	Price
B42398	Watchmakers Bench, 10 Draw (On Metal Rails)	EACH	£1,875.00



Watchmakers Portable Bench



Portable, mini bench

- High quality portable bench
- Fantastic for work on the go
- Great for small workshops where space is a premium
- Rests securely on any existing bench or table
- · Solid oak wood with a varnished finish
- Supplied with two high quality, alcantara (similar to suede) covered padded armrests (detachable)
- Desk opens to reveal extensive storage space
- · Additional draw at the front
- Both desk and draw lockable with supplied keys
- Horotec 24.071
- · Made in Switzerland

Dimensions:

- Desk top: 40 x 40 x 13.5cm (width x length x height)
- Arm rests: 31.5 x 13 x 4.50cm (length x width x height)
- Total width with armrests extended: 79cm
- · Weight: 8.3Kg
- · See additional images for full dimensions specification

Code	Description	UOM	Price
B45571	Portable Bench, Horotec Swiss	EACH	£385.00

Bench Armrest Device. **Bergeon Swiss**



- · Bergeon 7880S
- · Armrests with height adjustment
- Fixation device suitable for all types of work surfaces Fitting instructions:
- Frame fixes to bench by drilling screws into place
- Worktop is then secured either with glue or double sided tape

Code	Description	иом	Price
B40140	Bench, Armrest Device, Bergeon	EACH	£1,225.00

Bench Armrests, Bergeon Swiss



Removable Armrests - Leather with Silicon - Bergeon

- A pair of removable armrests
- Ideal for benches that are not equipped with armrests
- · Leather cover with silicon padding
- Ergonomic anti slip top & bottom
- · Simply rest on your work bench
- Bergeon 7327

• 280 x 180 x 25mm

Code	Description	иом	Price
R40480	Removable Arm Rests, Bergeon 7327	EACH	£81.95

Bench Pegs

A bench peg is a traditional mounter's tool to hold / rest tools and work during the making process

CousinsUK has a large range of bench pegs and holders for the jeweller, silversmith, arts, craft and contemporary jewellers.

- Standard
- Rubber
- "T" type
- Fancy
- With anvil
- · With metal holder
- With V slot
- With U slot

Dimensions: (Working Length x Width)

75mm x 34mm Rubber with Holder



This is a exceptional tool for resting your work on while you're filing, burnishing etc.

- Rubber block angled so you can rest your work on minimising the chance of slipping or marking your
- · Cast iron body with 3 clamping screw holes (screws not supplied)

Rubber working block size: 75 x 34 x 18mm Overall size: 125 x 60 x 25mm

Code	Description	UOM	Price
F34935	75mm x 34mm Rubber with Holder	EACH	£8.95

95mm x 55mm with Metal Holder



Bench Pin with metal holder, screws on to your own design work surface

- Money saving idea to help make a sturdy bench peg
- for all your workshop bench
 For the jeweller, silversmith, arts craft and contemporary jewellers
- · Easy fit bench peg kit.
- Screw the Bench Pin onto a side of a work surface so you have a bench peg to work on
- Easy wing nut adjustment to remove and fit bench pegs of your choice
- · Sturdy cast iron body and wooden peg.

B19157 Bench Peg, 100mm x 55mm is the replacement bench peg for metal holder B31881

Code	Description	иом	Price
B31881	95mm x 55mm with Metal Holder	EACH	£9.95

100mm x 55mm



- Overal Length 140mm
- Suitable for metal bench peg holder B31881

Code	Description	UOM	Price
B19157	100mm x 55mm	EACH	£2.50

110mm x 43mm



- Replacement for anvil combination (A4850)
- Peg size approx: 110 x 43 x 24mm

Code	Description	иом	Price
B6110	110mm x 43mm	EACH	£2.50

110mm x 43mm with Anvil



Are you a hobbyist, student, model maker or outwork jeweller and haven't got room for a jeweller's bench? This is an ideal tool to clamp on your work surface and have a bench peg to do your work on.

- Steel construction
- Easy adjusting clamping on/off clamp action
 Added planishing work surface (ideal for flattening) your work pieces)

Size and weight:

- Peg size: 110 x 43 x 24mm (for replacement code B6110)
- Max clamping thickness size 40mm
- Overall size 180 x 120 x 65mm
- Planishing surface size 65 x 75mm
- Weight: 1.2kg

Code	Description	UOM	Price
A4850	110mm x 43mm with Anvil	EACH	£8.95

115mm x 45mm



• Overal Length 170mm

Code	Description	UOM	Price
B19158	115mm x 45mm	EACH	£2.50





115mm x 100mm StudioFLUX



- Overall Length 115mm
- Width 100mm
- Supplied with G clamp
- Holes with slots to file smaller items
- Half round and "V" shapes to aid filing
- Centre rear hole for clamp to secure to bench top
- Clamp fixing recessed for provide a flat working surface

Code	Description	UOM	Price
B46139	115mm x 100mm StudioFLUX	EACH	£9.95

120mm x 60mm



· Overal Length 160mm

Code	Description	UOM	Price
B4228	120mm x 60mm	EACH	£2.50

125 x 60mm, with Slot



• Overal Length 190mm

Code	Description	ИОМ	Price
S39262	125 x 60mm, with Slot	EACH	£2.50

135mm x 20mm, For Rings



- Overall Length 135mm
- Width 20mm narrowing to 10mm
- Can be clamped into bench vice
- Holes for screwing to desk

Code	Description	иом	Price
S39263	135mm x 20mm, For Rings	EACH	£0.95

135 x 57mm, with V shape Cut Out

COUSINSUK



- Overall Length 135mm
- Width 57mm
- Slanted surface with "V" shaped cut out

• Cut out 35 x 25mm (length x widest point)

Code	Description	иом	Price
B48602	135 x 57mm, with V shape Cut Out	EACH	£2.95

135mm x 57mm, with V Shape & U **Shape Cut Outs**

Cousinsuk



- Overall Length 135mm
- Width 57mm

- Slanted surface with "V" shaped cut out
 Cut out 35 x 25mm (length x widest point)
 Second "V" shape cut out on the side, 15 x 15mm (length x widest point)

Code	Description	иом	Price
B48603	135mm x 57mm, with V Shape & U Shape Cut Outs	EACH	£2.95

140mm x 73mm



• Overal Length 180mm

Code	Description	UOM	Price
B19159	140mm x 73mm	EACH	£2.50

150mm x 55mm, T Type



- Overall Length 150mm
- Width 55mm
- Can be clamped into bench vice
- With two slanted surfaces and one flat surface

Code	Description	UOM	Price
P39596	150mm x 55mm, T Type	EACH	£3.50

158mm x 67mm, with U Shape Cut



- Overall Length 158mm
- Width 67mm
- Slanted surface with "U" shaped cut out
- Cut out 70 x 30mm (length x widest point)

Code	Description	иом	Price
B48601	158mm x 67mm, with U Shape	EACH	£2.95

210mm x 60mm Fancy, with Clamp



- Overal Length 210mm
- Width 60mm
- Supplied with G clamp
- Fancy style

Code	Description	иом	Price
B38757	210mm x 60mm Fancy, with Clamp	EACH	£5.95

Bench Peg & Forming Kit



Bench Peg - Ring Triblet - Anvil - Oval Bracelet Mandrel

- Clamps to work desk, saving a lot of space
- Clamps your bench peg & any pegged mandrel in place
- Additional hole to clamp and hold ring triblet

Kit contains:

- Bench peg:
- 115 x 50mm
- Wooden
- Ring Triblet:
- A to Z plus 1 to 6 - 300mm overall length
- Stainless Steel
- Oval Bracelet Mandrel:
- Ø32 x Ø38mm to Ø56 x Ø61mm
- Stainless Steel
- 75 x 115mm

Code	Description	иом	Price
B37637	Bench Peg & Forming kit	EACH	£35.95

Bench Tin (Jewellers)



Traditional Jewellers Bench Tins

A bench tin is placed under a Jeweller's Bench (code B4195). It is fitted by screwing five brackets with wood screws (not supplied) onto the base of the bench. The traditional bench tin is semi circular to fit densely against the semi circular shape of the bench's base.

Features of a Jeweller's Bench tin are:

- The tin's edge allows for storage of tools such as pliers, this bench still can store up to twenty pairs.
- Brush filings, scarp metals, polishing powders, residue and any left over form working, into the built in Lemel Tray. This is a holed, square metal piece that slides into the bottom of the bench tin at the middle. This



catches any lemel that is swept into the bench tin, this is integral to use if you are working in precious metals. Regularly empty the lemel tray and store, cash in at a bullion dealer to refine the scrap. You will be surprised how much money or a bullion credit you can receive, particularly when then metal price is high.

Size and specification

- Length 620mm x Height 240mm x Width 310mm
- Length of Tool hanging brackets 200mm left and right side fitted
- Circumference of Bench Tin 910mm
- Five brackets at the top of bench tin, 200mm spaced apart, diameter of wood screws needed 4mm to clamp on Jewellers Bench.
- Diameter of Lemel sieve 2cm
- Lemel tray size 90 x 75 x 20mm
- Black powder coated finish

Weight 5kg

Code	Description	UOM	Price
B32794	Bench Tin with Lemel Tray	EACH	£75.00

Chairs

Free Delivery!

Items C48364 & C48366 price includes delivery to UK mainland! (please place your order selecting a carriage method as usual. The carriage charge will be removed & refunded once the order is placed)

- Constructed to the criteria demanded by professional watchmakers/repairers/jewellers
- Swivel professional chairs that are manufcatured to the highest European standard
- Robust durable construction
- Beechwood or polyurethane seat
- · Made in Italy

Features:

- 360° swivel chair
- Height adjustable, minimum seat height 42cm, maximum seat height 54cm (adjusted by hydrogas)
- 5 roller feet
- Overall width at feet 60cm
- See "more info" for individual dimensions

Beechwood Chair

Price includes delivery to UK mainland!

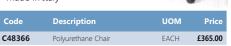
- Solid beechwood chair
- Seat dimensions: 42.5 x 41.5cm (depth x width)
- Back dimensions: 38 x 32cm (width x height)
- 5 roller feet
- Overall width at feet Ø60cm
- Made in Italy

Code	Description	иом	Price
C48364	Beechwood Chair	EACH	£245.00

Polyurethane Chair

Price includes delivery to UK mainland!

- · Soft polyurethane chair
- Seat dimensions: 46 x 43cm (depth x width)
- Back dimensions: 41 x 31cm (width x height)
- 5 roller feet
- Overall width at feet Ø60cm
- Made in Italy



Stools

Free Delivery!

Items C48365 & C48367 price includes delivery to UK mainland! (please place your order selecting a carriage method as usual. The carriage charge will be removed & refunded once the order is placed)

- Constructed to the criteria demanded by professional watchmakers/repairers/jewellers
- Swivel professional stools that are manufcatured to the highest European standard
- Robust durable construction
- Beechwood or polyurethane seat
- Made in Italy

Features:

- 360° swivel chair
- Seat diameter: Ø35mm
- Height adjustable, minimum seat height 42cm, maximum seat height 54cm (adjusted by hydrogas)
- 5 Roller feet
- Overall width at feet Ø60cm

Beechwood Stool

Price includes delivery to UK mainland!

- · Solid beechwood stool
- Seat diameter: Ø35mm
- Overall width at feet Ø60cm



Code	Description	иом	Price
C48365	Beechwood Stool	EACH	£175.00

Polyurethane Stool

Price includes delivery to UK mainland!

- Soft polyurethane stool
- Seat dimensions: 35 x 35cm
- Overall width at feet Ø60cm



Code	Description	иом	Price
C48367	Polyurethane Stool	EACH	£245.00

Online Discounts





BLOW TORCH (GAS) SYSTEMS

SIEVERT KITS

SIEVERT® Heating tools for professionals

If you do not have Sievert these are the ideal kits to buy to get started.

Liquid propane gas torch systems are the best thing for attaining excellent soldering, melting and casting applications.

All our kits are 100% Sievert & are fitted with a Sievert hose failure value for added safety. Be careful some kit suppliers have non Sievert regulators for cheapness which Sievert DO NOT offer or recommend".

Jewellers Kit:

The Sievert Jewellers Soldering Kit is very popular for soldering at high temperatures with a fine flame. Solder chains, rings, earrings, broaches, bangles, bracelets, etc with pin point accuracy and high heat potential many soldering and melting jobs will be accomplished quicker and effortlessly.

The Craft Kit:

The Sievert Craft Melting Kit has a high heat flame and is perfect to use in conjunction with the Delft Casting System for melting metals with crucibles.

- Traditional silversmith's torch kit for soldering large items such as trays, candle sticks, kettles, bowls and trophies
- Flame has a wide spread heating up pieces ready to solder larger solder seams
- Use for annealing various metals to soften before working on

LPG (Liqiud Propane Gas) is available from your local stockist.

Sievert Jewellers Blow Torch Kit



Jewellers Kit - All our kits are 100% Sievert supplied & approved & are fitted with a Sievert hose failure value for added safety. Be careful some kit suppliers have non Sievert regulators for cheapness which Sievert DO NOT offer or recommend.

Sievert 9NFT670 kit includes:

- Pro 86 Sievert handle (Sievert 3486) Cousins code B0100
- Needle Point Burner (Sievert 8842.04) Cousins code 841898
- Neddle Point Burner Neck Tube (Sievert B41897)
- Hose failure safety valve with a POL cylinder connection (Sievert 3054) - Cousins code B0094
- 4 or 2 metre Sievert brand hose (Sievert 7173-41) -Cousins code B0095/B0096
- All components are supplied and approved by Sievert



and meet the high Sievert standards, unlike other suppliers

Pro 86 handle (B0100):

- Ergonomic, single valve handle designed to give a very exact and quick flame setting
- The spring-loaded knob gives a precise and stable setting for the finest flames
- All metal parts are made of high quality brass with an ergonomically designed plastic composite handle

Hose pressure failure safety valve (B0094):

- Genuine Sievert hose pressure failure safety valve
- Automatically regulates the flow of gas
- Prevents possible explosion if hose becomes blocked or damaged
- Sievert only promote the inclusion of this valve in their kits for total safety. Other suppliers will provide kits with a (non Sievert) standard regulator valve

Needle Point Burner (B0106):

- · Jewellers favourite
- Pin point flame with a distinct core
- Ideal for fine work on gold, silver, lead etc
- Fits directly onto a standard handle, no neck tube is required

Technical specifications:

- Gas consumption g/h at 2 bar: 20
- Effect in kW: 0.25
- Weight: 1500g

Please also see our document download section for Sievert instructions as well as problem solving hints and tips

Code	Description	иом	Price
B41140	Jewellers Sievert Blow Torch Kit, 2m Hose	EACH	£64.95
B0128	Jewellers Sievert Blow Torch Kit, 4m Hose	EACH	£66.30

Sievert Craft Blow Torch Kit



Craft Kit - All our kits are 100% Sievert supplied & approved & are fitted with a Sievert hose failure value for added safety. Be careful some kit suppliers have non Sievert regulators for cheapness which Sievert DO NOT offer or recommend.

Sievert PMPXKIT kit includes:

- Pro 86 Sievert handle (Sievert 3486) Cousins code B0100
- High capacity burner (Sievert 2941) Cousins code B0111
- Neck tube (Sievert 3511) Cousins code B0103
- Hose failure safety valve with a POL cylinder connection (Sievert 3054) - Cousins code B0094
- 2 or 4 metre Sievert brand hose (Sievert 7173-41) Cousins code B0095/B0096
- All components are supplied and approved by Sievert and meet the high Sievert standards, unlike other suppliers

Pro 86 handle (B0100):

- Ergonomic, single valve handle designed to give a very exact and quick flame setting
- The spring-loaded knob gives a precise and stable setting for the finest flames
- All metal parts are made of high quality brass with an ergonomically designed plastic composite handle

Hose pressure failure safety valve (B0094):

- Genuine Sievert hose pressure failure safety valve
- Automatically regulates the flow of gas
- Prevents possible explosion if hose becomes blocked or damaged
- Sievert only promote the inclusion of this valve in their kits for total safety. Other suppliers will provide kits with a (non Sievert) standard regulator valve

Neck tube connector (B0103):

- 70mm neck tube connector included, ready for you to fit to any other high precision/capacity burners
- · With hook
- High quality brass

High capacity burner (B0111)

- Standard burner with brush type flame
- High heat flame, great for all kinds of soldering/craft applications
- Ideal for Delft casting kit making one off models in various metals (see link below)

Technical specifications:

- Gas consumption g/h at 2 bar: 600
- Effect in kW: 7.70
- · Weight: 1450grms

Please also see our document download section for Sievert instructions as well as problem solving hints and tips

Code	Description	UOM	Price
B41141	Craft Blow Torch Kit, 2m Hose	EACH	£48.95
B33067	Craft Blow Torch Kit, 4m Hose	EACH	£52.75

SIEVERT HANDLES & HANDLE PARTS

Sievert Handle - Pro 86



Standard handle

- Working pressure 1.5 4 bar
- Ergonomic, single valve, plastic composite design;
- The spindle and valve are designed to give a very precise flame;
- The spring-loaded knob gives a precise and stable setting for the finest flames;
- · All metal parts are made of high quality brass.

Code	Description	UOM	Price
B0100	Sievert 3486 Handle	EACH	£19.70

Sievert Handle (Economiser) - Pro 88



Sievert 3488 Economiser Handle - (B0101)

- Double valved handle, mainly used with larger burners
- Incorporates one main valve and one economizer valve enabling a gas saving pilot flame
- Trigger for instant shifting between the pilot and main flame and for pulsing the main flame
- Ergonomic designed plastic composite handle
- Delivered without hose nipple

Product Data:

- Working pressure: 1.5 8 bar
- Weight 385g
- Length 205mm
- Height 90mm

The main & pilot flames are adjustable individually which allows the optimal flame size depending on the burner.

An ergonomically placed trigger that might be locked

in depressed position if desired to ensure a constant flow of gas and flame.

Construction in brass ensures high quality and a prolonged life span.

Code	Description	иом	Price
B0101	Sievert 3488 Economiser Handle	EACH	£38.75

Sievert Handle Replacement Parts



Code	Description	иом	Price
B0123	Sievert Handle (3486) Metal Knob (7200.00)	EACH	£9.25
B0124	Sievert Handle (3488) Knob (7200-10)	EACH	£6.55
B0125	Sievert Handle (3488) Pilot Knob (7200-20)	EACH	£6.95
B0126	Sievert Handle (3486 & 3488) Gaskets (8307-01)	PACK*2	£0.75

SIEVERT HOSE & HOSE PARTS

Sievert Hose & Hose Parts



Cousins supply ready made hosing with sealed Sievert factory seals.

We also supply plain hosing fittings which are sold separately.

Plain Sievert hosing can be fitted with ease, allowing your preferred hose length.

Please note: Do not exceed eight meters of hosing; the torch will not light.

Some simple steps to assemble Sievert hosing:

1. Cut the hosing to your desired length (sold in one meter lengths).

- 2. Fit two of the Sievert Hose Nipple Fitting Clamp (B0099), to fit place the hosing in boiling hot water, this will expand the hosing.
- 3. Put a little bit of washing up liquid on the nipple end (Sievert Hose Nipple, B0098) this will easily push the nipple onto the hosing.
- 4. Repeat this process on the other end and move the hose nipples clamps over the bottom nipple end and tighten the hose fitting clamp with a pair of pliers; pressing the jaws on the recess part of the hose clip. 5. The hosing is ready to use.
- B0097 per metre, supplied cut to your required length (fittings required B0098 & B0099)
- Approved rubber hose for propane or butane.
- Inner Ø5mm
- Connection threads BSP 3/8" LH BSP 3/8" LH.
- \bullet 2 & 4m pre-cut lengths supplied with fittings

• Sievert hoses conform to EN 559/ISO 3821 standards

Code	Description	UOM	Price
B0097	Sievert Hose per meter (cut to length)	1 Metre	£2.50
B0095	Sievert 2 meter Hose (7173-21) with Fittings	2 METRES	£21.25
B0096	Sievert 4 meter Hose (7173-41) with Fittings	4 METRES	£29.95
B0098	Sievert Hose Nipple (7096-21)	EACH	£4.35
В0099	Sievert Hose Nipple Fitting Clamp (7006GER)	EACH	£0.50

SIEVERT REGULATORS & HOSE FAILURE VALVES

Sievert regulators are made of brass to ensure high quality and a long life time.

- The technical precision of these nozzles gives excellent gas flow rating and outlet pressure
- Cousins Material House's range of regulators is all the same style fitting 'POL' left hand thread
- This is a standard LPG (gas cylinder) POL connection. Check with your local LPG supplier, often they will fit the regulator for you

Please note 'g/h' denotes the maximum capacity of gas that is used per hour. This also depends on the burner and nozzle sizes you are using.

The measurements below are calculated on the regulator outputting LPG without any burner/nozzles attached.

See the 'Sievert Neck Tubes & High Precision / Capacity Burners' for working times and gas usage capacity.

Sievert Adjustable Regulators

Most Sievert burners require a steady pressure of at least 2 bar in order to perform well and most can operate at higher pressures. Even under higher pressures it is still an advantage to reduce the pressure from the propane cylinder.

The advantage is that the pressure can be stabilized to obtain the same pressure on a warm summer's day as on a cold winter's day. If the gas output is high, the gas cylinder will be cooled down and the pressure will drop.

- Set the pressure with adjustable regulators and have better control over the heating applications
- Various burner/nozzles work on different pressures 2 or 4 bar, depending on the nozzle (Please see individual burner information)
- Can be used with a hose failure safety valve
- Fits a cylinder with a POL Connection
- Genuine Sievert products





Sievert 3061.11 (1 to 4 bar) POL Connection



- Pressure 1 to 4 bar, maximum capacity 1 bar 2.5 kg/h, 4 bar 20 kg/h
- Fits a cylinder with a POL Connection
- Weight: 320grms

Code	Description	иом	Price
B0092	Sievert 3061.11 (1 to 4 bar) POL Connection	EACH	£66.50

Nova Comet (2 to 4 bar) POL Connection



- Will work with any Sievert Product in our range
- Exceptional price and value
- Make up a Sievert kits or your choice if kits we supply are not suited for your applications
- Maximum capacity 1 bar 2.5 kg/h, 4 bar 20 kg/h
 It has a 0 to 10 setting, so setting 5 is 2-bar, and
- setting 10 is 4-bar
 Set the pressures with adjustable regulators and have
- better control on the heating applications

 Various burner/nozzles work on different pressures 2
- or 4 bar, depending on the nozzle, (please see burner nozzle information)
- Please see information on burners for guidelines on heating power and changing the pressure setting.
- heating power and changing the pressure setting

 Hose failure valve can be added to this regulator, please see code B0094

Weight: 320grms

Made in E U

Code	Description	иом	Price
B33068	Nova Comet (2 to 4 bar) POL Connection	EACH	£15.95

<u>Sievert Adjustable Regulators</u> with Hose Failure Safety Valve

Most Sievert burners require a steady pressure of at least 2 bar in order to perform well and most can operate at higher pressures. Even under higher pressures it is still an advantage to reduce the pressure from the propane cylinder.

The advantage is that the pressure can be stabilized to obtain the same pressure on a warm summer's day as on a cold winter's day. If the gas output is high, the gas cylinder will be cooled down and the pressure will drop.

Why use a hose failure valve? A hose failure valve improves safety by cutting off the gas flow in case of a hose rupture or some other major gas leak. The use of hose failure valves is especially recommended on long hoses. The hose connection rotate freely on the valve housing, which reduces the risk of the hose becoming entangled.

- Set the pressure with adjustable regulators and have better control over the heating applications
- Various burner/nozzles work on different pressures 2 or 4 bar, depending on the nozzle (Please see individual burner information)
- Fits a cylinder with a POL Connection
- Integrated hose failure safety valve
- Genuine Sievert products

Sievert 3063.11 (1 to 4 bar) POL Connection



- Adjustable regulator 1-4 bar, with incorporated hose failure valve
- Maximum capacity 1 bar 2.5 kg/h, 4 bar 20 kg/h
- Set the pressure with this adjustable regulator and have superior control on your heating jobs
- Various burner/nozzles work on different pressures 2 or 4-bar
- Please see information on burners for guidelines on heating power and changing the pressure setting
- The hose failure valve stops the gas flow in case of a ruptured hose or another big leak
- •The hose failure valve also rotates to prevent the hose from tangling, to ensure added flexibility when soldering

Code	Description	UOM	Price
B6191	Sievert 3063.11 (1 to 4 bar) POL Connection	EACH	£94.10

Sievert Fixed Regulators

Most Sievert burners require a steady pressure of at least 2 bar in order to perform well. Other burners can also operate under higher pressures but it is still an advantage to reduce the pressure from the propane cylinder.

The advantage is that the pressure can be stabilized to obtain the same pressure on a warm summer's day as on a cold winter's day. If the gas output is high, the gas cylinder will be cooled down and the pressure will drop.

- 2 or 4 bar regulators
- Fits a cylinder with a POL Connection
- Genuine Sievert products





Sievert 3091.21 (2 bar - 6kg/h) POL Connection



- POL connection
- · 2-bar pressure
- 6kg/h, maximum capacity

Code	Description	UOM	Price
B0093	Sievert 3091.21 (2 bar - 6kg/h) POL Connection	EACH	£42.95

Sievert 3091.91 (4 bar - 20kg/h) POL Connection



- POL connection
- 4-bar pressure
- 20kg/h, maximum capacity

Code	Description	иом	Price
B0093A	Sievert 3091.91 (4 bar - 20kg/h) POL Connection	EACH	£42.95

<u>Sievert Fixed Regulators with</u> <u>Hose Failure Safety Valve</u>

Most Sievert burners require a steady pressure of 2 bar in order to perform well. Other burners can also operate under higher pressures but it is still an advantage to reduce the pressure from the propane cylinder.

The advantage is that the pressure can be stabilized to obtain the same pressure on a warm summer's day as on a cold winter's day. If the gas output is high, the gas cylinder will be cooled down and the pressure will drop.

Why use a hose failure valve? A hose failure valve improves safety by cutting off the gas flow in case of a hose rupture or some other major gas leak. The use of hose failure valves is especially recommended on long hoses. The hose connection rotate freely on the valve housing, which reduces the risk of the hose becoming entangled.

- 2 or 4 bar regulators
- POL or BSP (British standard Pipe) connection
- Integrated hose failure safety valve
- Genuine Sievert products



Sievert 3092.22 (2 bar - 6kg/h) POL Connection



- Fits a cylinder with a POL Connection
- Pressure 1 to 4 bar
- Maximum capacity 1 bar = 2.5 kg/h, 4 bar = 20 kg/h

Code	Description	UOM	Price
B45622	Sievert 3092.22 (2 bar - 6kg/h) POL Connection	EACH	£59.95

Sievert 3092.22 (2 bar - 6kg/h) BSP Connection



- Fits a cylinder with a BSP (British standard pipe, 3/8") connection
- Pressure 1 to 4 bar
- Maximum capacity 1 bar = 2.5 kg/h, 4 bar = 20 kg/h

Code	Description	иом	Price
B45621	Sievert 3092.22 (2 bar - 6kg/h) BSP Connection	EACH	£59.95

Sievert Hose Failure Valves

Why use a hose failure valve? A hose failure valve improves safety by cutting off the gas flow in case of a hose rupture or some other major gas leak. The use of hose failure valves is especially recommended on long hoses. The hose connection rotate freely on the valve housing, which reduces the risk of the hose becoming entangled.

- The hose-failure valve automatically shuts off the gas in the event of a ruptured hose
- Press the button to reset
- Maximum hose length 8 meters
- Pressure: 4 bar 14kg/h 1.5 bar 10 kg/h
- Fits a cylinder with a POL Connection
- Sievert 3054.06
- Genuine Sievert product

Online Order Tracking



Sievert 3054.06 Hose Failure Valve - Fixed



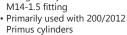
- The hose-failure valve automatically shuts off the gas in the event of a ruptured hose.
- Press on the button to reset
- Maximum hose length 8 meters
- Pressure 4 bar 14kg/h 1.5 bar 10 kg/h

Code	Description	UOM	Price
B0094	Sievert 3054.06 Hose Failure Valve - Fixed	EACH	£23.60

Sievert Regulator Adapters

BSP Regulator to M14-1.5 Cylinder Adapter





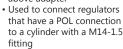
Genuine Sievert product



Code	Description	иом	Price
B45620	BSP Regulator to M14-1.5 Cylinder Adapter	EACH	£16.20

POL Regulator to BSP Regulator Adapter Connector

 Adapter that fits a regulator with a POL connection to the above adapter



• Used in conjunction with B45620

Genuine Sievert product



SIEVERT NECK TUBES & HIGH PRECISION / CAPACITY BURNERS

Choosing a burner made easy.

Cousins supply a large range of Sievert burners for a wide range of soldering/heating applications, all compatible with the Sievert Pro 86 or Pro 88 kits.

- You must have a neck tube fitting for High Precision/Capacity Burners.
- Cyclone burners fit directly onto Sievert range of torch handles



• Please see guide chart and burner information above to help you choose the riaht one.

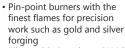
Burners are measured by gas outlet omitted per gram, per hour. For example 3537 (code BO106) gas consumption is 20 grams per hour, therefore a 1kg of LPG gas will last you fifty hours of constant use. This also depends on the pressure setting of your regulator.

High Precision Burners, Sievert



- B41898: Gas Consumption @ 2 bar = 20 hours
- B0107: Gas Consumption @ 2 bar = 20 hours
- B0108: Gas Consumption @ 2 bar = 70 hours • B0109: Gas Consumption @ 2 bar = 90 hours
- B0110: Gas Consumption @ 2 bar = 240
- hours
- B0111: Gas Consumption @ 2 bar = 600 hours
- B0112: Gas Consumption @ 2 bar = 1200 hours
- B0113: Gas Consumption @ 2 bar = 2000 hours
- B4592: Gas Consumption @ 2 bar = 4000

Sievert 8842.04 **Needle Point Burner**

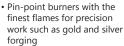


• Silver soldering about 615°C

- For connection to Sievert Pro neck tubes, 3501.01 (our code B41897)
- Recommended work pressure 2 bar
- Burner diameter 9mm
- Heating effect in watts 250
- Flame length 3cm

Code	Description	иом	Price
B41898	Sievert 8842.04 Needle Point Burner	EACH	£9.55

Sievert 3938 High **Precision Burner -**Fine



Silver soldering about 615°C

- For connection to Sievert Pro neck tubes (see from code B0102)
- Recommended work pressure 2 bar
- Burner diameter 17mm
- Heating effect in watts 250
- Flame length 6cm

Code	Description	UOM	Price
B0107	Sievert 3938 High Precision Burner - Fine	EACH	£10.25

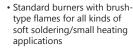


Sievert 3939 High **Precision Burner -Fine to Medium**

- Pin-point burners with the finest flames for precision work such as gold and silver forging
- Silver soldering about 615°C
- For connection to Sievert Pro neck tubes (see from code B0102)
- Recommended work pressure 2 bar
- Burner diameter 17mm
- Heating effect in watts 900
- Flame length 13cm

Code	Description	иом	Price
B0108	Sievert 3939 High Precision Burner - Fine to Medium	EACH	£10.55

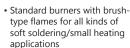
Sievert 3940 High **Precision Burner -**Medium



- Silver soldering about 615°C
- For connection to Sievert Pro neck tubes (see from code B0102)
- Recommended work pressure 2 bar
- Burner diameter 17mm
- Heating effect in watts 1150
- Flame length 12cm

Code	Description	UOM	Price
B0109	Sievert 3940 High Precision Burner - Medium	EACH	£12.75

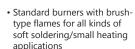
Sievert 3941 High **Precision Burner -Medium to Large**



- Silver soldering about 615°C
- For connection to Sievert Pro neck tubes (see from code B0102)
- Recommended work pressure 2 bar
- Burner diameter 22mm
- Heating effect in watts 3350
- Flame length 14cm

Code	Description	иом	Price
B0110	Sievert 3941 High Precision Burner - Medium to Large	EACH	£10.85

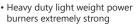
Sievert 2941 High **Capacity Burner -**Large

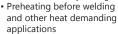


- Silver soldering about 615°C
- For connection to Sievert Pro neck tubes (see from code B0102)
- Recommended work pressure 2 bar
- Burner diameter 28mm
- Heating effect in watts 7700
- · Flame length 25cm

Code	Description	UOM	Price
B0111	Sievert 2941 High Capacity Burner - Large	EACH	£10.30

Sievert 2942 High **Capacity Burner -Extra Large**



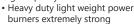


- For connection to Sievert Pro neck tubes (see from code B0102)
- Recommended work pressure 2 to 4 bar
- Burner diameter 32mm
- Heating effect in watts 7700 to 15500 depending on pressure setting
- Flame length 35cm

Code	Description	иом	Price
B0112	Sievert 2942 High Capacity Burner - Extra Large	EACH	£12.75

Sievert 2943 Blow **Torch Burner - Very** Large

High Capacity Ø32mm



 Preheating before welding and other heat demanding applications

- For connection to Sievert Pro neck tubes (see from code B0102)
- Recommended work pressure 2 to 4 bar
- Burner diameter 32mm
- Heating effect in watts 7700 to 15500 depending on pressure setting
- · Flame length 35cm

Code	Description	иом	Price
B0113	Sievert 2943 Blow Torch Burner - Very Large	EACH	£12.70

Sievert 2944 Blow **Torch Burner -Extremely Large**

High Capacity Ø42mm

- · Heavy duty light weight power burners extremely strong
- · Preheating before welding and other heat demanding applications
- For connection to Sievert Pro neck tubes (see from code B0102)
- Recommended work pressure 2 to 4 bar
- Burner diameter 50mm
- Heating effect in watts 2500 to 51500 depending on pressure setting
- Flame length 35cm

Code	Description	иом	Price
B4592	Sievert 2944 Blow Torch Burner - Extremely Large	EACH	£15.25

Washer (universal) for Sievert Burners

For all Sievert Burners



Code	Description	иом	Price
S28848	Washer (universal) for Sievert	EACH	£2.95

Neck Tubes, Sievert

Sievert Neck Tubes

• Sievert 3501.01 neck tube to be used with



needle point burner (B41898)

- Sievert 3511 neck tube B0103 (standard length that can be used with any standard Sievert burner)
- Sievert 3509 neck tube B0102 (extra long for use with larger burners allowing you to distance yourself from the flame. Can be used with any standard Sievert burner)

Specifications:

- Neck tube made from high quality brass
- For connection to Sievert pro 86 handles and burners (B0100 and B0101)
- · With a handy hanging hook

Neck Tube Support (B4828)

- Gives a steady 3-point support
- · Nut and bolt fitting securing your neck tube
- Popular for chain makers/repairs hold your torch neck tube in the support and position so flame points on to the centre of your working area and solder hands free

Sievert Neck Tube (3501.01)



- · Length 95mm
- Weight 95g
- To be used with needle point burner (B41898)

Code	Description	UOM	Price
B41897	Sievert Neck Tube (3501.01)	EACH	£11.50

Sievert Neck Tube (3511)

- smaller burners



Code	Description	иом	Price
B0103	Sievert Neck Tube (3511)	EACH	£9.45

Sievert Neck Tube (3509)

- Length 180mm
- Weight 135g
- For use with larger burners to distance yourself from flame.

Code	Description	UOM	Price
B0102	Sievert Neck Tube (3509)	EACH	£13.25

Sievert Neck Tube Support (7172.41)



Neck Tube Support (B4828)

- Gives a steady 3-point support Nut and bolt fitting securing your neck tube
- Popular for chain makers/repairs hold your torch neck tube in the support and position so flame points on

to the centre of your working area and solder hands

* Neck Tube Not Included.

Code	Description	ИОМ	Price
B4828	Sievert Neck Tube Support (7172.41)	EACH	£3.90

Neck Tubes incorporating Cyclone Burners, Sievert

Sievert 3524 Cyclone Fixed Neck Tube Burner - Medium



- Cyclone flame burners are the most efficient burners for brazing and soft soldering
- The rotating flame gives an even and all round heat transfer to your piece
 • For direct connection to Sievert Pro handles (B0101,
- B0100)
- Work pressure 2 bar
- Burner diameter 19mm
- Heating effect in watts 3350
- Flame length 13cm

Code	Description	UOM	Price
B0105	Sievert 3524 Cyclone Fixed Neck Tube Burner - Medium	EACH	£21.50

Sievert 3525 Cyclone Fixed Neck **Tube Burner - Large**



- Cyclone flame burners are the most efficient burners for brazing and soft soldering
- The rotating flame gives an even and all round heat transfer to the pipe
- For direct connection to Sievert Pro handles (B0101, B0100)
- Work pressure 2 bar
- · Burner diameter 19mm
- Heating effect in watts 10300Flame length 22cm

Code	Description	иом	Price
B4827	Sievert 3525 Cyclone Fixed Neck Tube Burner - Large	EACH	£27.90

Burner Nipples, Sievert



Cousins Material House has a full range of inner Burner / Nozzle nipples to maintain the heating applications

A nipple has a very small hole in the top / centre which can deform in shape while heating applications; hence this will need to be replaced through wear and tear.

When changing nipples a spanner adjustable 0 to 30mm must be used.

- · Sievert nipples are inside your burner/nozzles
- · If the flame is inconsistent, so disorientated or fractured the inner nipples will need to be changed.
- If the burner / nozzles are in good condition you will not need to buy a new nozzle, simply put a

small metal bar into the side air intake grill (please see image below). Hold and unscrew anticlockwise from the hexagonal end. Once the bottom end is unscrewed place the spanner on the old nipple and again unscrew anticlockwise

- Screw on the new nipple and assemble burner / nozzle as before and the flame will restore
- · Sievert part number followed by the Sievert burner

Code	Description	иом	Price
B0120	Sievert 7004-02 For Bunrers 2940, 2956, 3523	EACH	£3.95
B0115	Sievert 7004-12 For Burner 2941	EACH	£3.95
B0116	Sievert 7004-22 For Burners 2942, 2954/8, 3526	EACH	£3.95
B0117	Sievert 7020-32 For Burner 2943	EACH	£3.95
B0114	Sievert 7020-20 For Burners 2957, 3524, 3941	EACH	£3.95
B0118	Sievert 7020-12 For Burner 3938	EACH	£3.95
B0119	Sievert 7007-22 For Burner 3939	EACH	£3.95
B0122	Sievert 7019-02 For Burner 3940	EACH	£3.95

SIEVERT Y CONNECTORS

Sievert Y Connector



Sievert Y Connector

- · Use two of our kits with one gas tank
- Y Piece connector
- · Gas flows to both torches at the same time
- · Connector fits directly to your tank
- Then connect your Sievert regulators or hose failure safety valves
- Sievert 1506
- Bullfinch UK (distributed by Sievert)

Fittings:

- 5/8 inches BSP, left handed thread, female x 2 for POL connections
- 5/8 inches BSP, left handed thread, male x 1 for POL connections

Code	Description	ИОМ	Price
S48183	Y Piece Connector	EACH	£13.50

Sievert Y Connector with Two Way Valve



Sievert Y Connector with Two Way Valve

- Use two of our kits with one gas tank
- Y Piece connector with two way valve
- · Can turn each torch on and off independently

- Connector fits directly to a regulator or hose failure safety valve which is already conected to your tank. The torch hoses then fit directly to the connector
- Supplied with 2 nipples for 2 hoses
- Sievert 1263
- Bullfinch UK (distributed by Sievert)

Fittings:

- 3/8 inches BSP, left handed thread, female x 2
- Needle valves x 2

Code	Description	UOM	Price
S48184	Sievert Y Piece Connector Two Way Valve	EACH	£32.95

SOLDERING FLAME TORCHES

Applications:

- Jewellery Repair
- Electronic Components
- · Mechanical Repair
- · Auto Repair
- Welding
- Hobbies
- · Arts and Crafts Soldering
- Heating and Drying
- Melting or fusing plastic & rubber materials
- Campina
- Dental Wax Corrections
- · Stretch Vinyls

A*F Swiss Micro-Torch



Micro-Torch - A*F Swiss

- A&F Swiss 129.172
- Temp: 1300°C/2372°F
- Refillable with Butane Gas (Cousins reference G12021)
- · Lasts between 40-60 mins (80% w/fuel)
- · Flow Control Adjuster
- Continuous Flame Switch
- Child Safety Switch
- · Air Adjustment Ring
- Optional accessory available to transform your torch into a mini hot soldering iron, Cousins Ref: M4747

Code	Description	UOM	Price
M4184	Micro-Torch A*F Swiss	EACH	£26.95
M4747	Micro-Torch Soldering Tip A&F 129.171B	EACH	£7.50



Solder Tec Micro-Torch



Micro-Torch - Solder Tec

This system features instant electronic ignition, adjustable flame and can be used in a hand held or freestanding position

- 1300°c adjustable flame
- · Refillable fuel cylinder
- Working time 60 90 Minutes
- Uses butane fuel making it inexpensive to run, Cousins Ref: G12021
- · Optional accessory available to transform your torch into a mini hot soldering iron, Cousins Ref: M4747
- Removable Base

Sizes & weight

- 150 x 90 x 35mm
- Weight: 250g

Code	Description	UOM	Price
M35292	Microtorch, Solder Tec	EACH	£18.95

Butane Gas Refill

Butane Gas Refilll - 200ml

Refill gas canister for Micro Torches and general application.

- Swan Brand
- Multi Fittings
- 200ml



Code	Description	UOM	Price
G12021	Butane Gas Refill 200ml	200ML	£2.15
	Price breaks available, see w	ebsite .	







COMPRESSORS

Bambi 35/20 Compressor *Free delivery to UK mainland*



Mains operated and suitable for equipment such as:

- Bergeon 5555-10
- Elma Spheric
- Elma Steam Cleaner Air Jet Option
- Greiner Poseidon LT-100
- Witschi Proofmaster M
- · Witschi Proofmaster S

Specifications:

- Specially adapted 10 bar operation with 12 bar cut out (8 Bar Version Pictured)
- 10 Bar Version comes with T-Bar Filter Pressure Regulator
- Quiet running motor
- Quality build for reliability
- · No exposed moving parts
- · Fully guaranteed
- Has a ¼ inch BSP (British Standard Pipe) female
- Dimensions: 35 x 28 x 35cm (HxDxW)
- Supplied with 1 litre bottle of Compressor oil
- Free Delivery to UK Mainland (please place your order selecting a carriage method as usual. The carriage charge will be removed once the order is placed)

Code	Description	иом	Price
C1837	Bambi 35/20 Compressor *Free delivery to UK mainland*	EACH	£685.00

Bambi BB15V Compressor

- Compressor Bambi BB15V 8 Bar/15ltr
- · Low noise air compressor
- 15ltr reservoir delivering up to 50 L/M via an integral regulator
- Mains operated (220-240/50hz) and featuring compact design with no exposed moving parts
- Has a ¼ inch BSP (British Standard Pipe) female fitting
- 47 x 37 x 37cm (H x W x D)
- Free delivery to UK mainland (please place your order selecting a carriage method as usual. The carriage charge will be removed once the order is placed)
- · Supplied with 1 litre bottle of Compressor oil (C1837A)

The 40dB(A) low noise operation, compact dimensions and minimal vibration make this unit an ideal workshop partner for sandblasters and similarly rated apparatus.

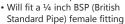
Code	Description	UOM	Price
C12606	Bambi BB15V Compressor	EACH	£350.00



Bambi Compressor Connector

Bambi Compressor Connector

• Will connect a Ø6mm tube to our Bambi compressors





Code	Description	иом	Price
C41895	Bambi Compressor Connector	EACH	£6.95

Bambi Compressor Oil

Bambi Compressor Oil

- For model 35/20 & BB15V (C1837 & C12606)
- 1 Litre



Code	Description	иом	Price
C1837A	Bambi Compressor Oil	1LT	£22.95

DEMAGNETIZERS

Watch Work Shop & Magnetism:

Electronic demagnetizer for watches* and precision tools. Very easy handling.
*Note: Electronic crystal watches must not be demagnetized.

The accuracy of a watch is influenced by magnetism. After servicing and cleaning a mechanic watchwork ought to be demagnetized either when still disassembled or after reassembly.

The balance coils, in particular those in older watchworks can magnetize over a prolonged period of time. Harmonious vibrating of the coil is no longer possible. The watch can no longer work accurately.

Even tools may present a source of magnetism and ought to be demagnetized before use on a watchwork.

Bergeon 3321



- Switch activated
- Demagnetism active zone opening 60x35mm
- Mains operation
- Unit dimensions 135 x 75 x 73mm

- · Max. operating period: 1 minute
- 230 or 115 volt
- 650g

Instructions for use:

- 1. Slowly pass the piece to be demagnitized through the apparatus, and take it out the other side.
- 2. Repeat the operation several times, always in the same direction.
- 3. Press the button during the entire operation.

Code	Description	иом	Price
D0414	Demagnetiser, Bergeon 3321	EACH	£239.95

Cousins Cube

Cousins Magnetizer and Demagnetizer Cube.

Usage: Demagnetizing in watch repair/assembly

- An essential watch tool when changing watch batteries parts etc. Where you cannot risk magnetizing the watch movement thus causing faults.
- Strong plastic construction housing 2 magnets which are in opposite poles
- · Economical and compact and has multiple uses.

Usage: Magnetizing Items in Electronics etc.

 Working with fine screws/ components can be awkward trying to pick them up for positioning when applying to your work.

How to use.

- insert item or tool into (+) opening and slide back and forth, pull it out then its magnetized
- insert item or tool into (-) opening and slide back and forth, pull it out then it now has become non magnetic

Size

- Overall size 50mm x 50mm x 28mm
- Weight: 85 grams

Code	Description	UOM	Price
M33831	Magnetizer & Demagnetizer Cube	EACH	£1.95

Elma Antimag

- Height 60mm
- Width 160mm
- Depth 130mm • Weight 1 kg
- LED Display
- 220/240 volts

By pressing just one key, Elma

Antimag demagnetizes within milliseconds complete watches*, disassembled watchwork parts, casings and tools.

*Note: Electronic crystal watches must not be demagnetized.

Small pieces can be put inside a plastic bag which is then placed on the demagnetizing area of the Antimag. This ensures that no pieces can be lost.

Code	Description	UOM	Price
D32911	Elma Antimag, Electronic Demagnetiser	EACH	£138.95



Etic Swiss

- Etic 340.400
- Swiss Made
- Compact demagnetiser for small parts and tools
- Mains operated with indicator
- Requires adaptor (A33069)
- CE marked
- RoHS tested
- 240 volt

Dimensions:

- 110 x 60 x 30mm
- 350g

Code	Description	UOM	Price
D0415	Demagnetiser, Etic 340.400	EACH	£36.75
D0413	Derriagneaser, Eac 540.400	LINCII	250.75

Greiner Antimag 2

The "Antimag 2" demagnetising unit has an extra-large coil affecting an area of 10cm around the center of the measuring point.



An electronically-generated

high-frequency magnetic field works in the fraction of a second on electronically-generated magnetic fields. Ideal for tools and watch movements and small parts.

Dimensions:

- Length 180mm
- Width 120
- Height 60 mmWeight 1.2kg
- 220/240 volts

Code	Description	иом	Price
D12207	Crainer Antimes II Democraticas	FACIL	C170.0F

Greiner Magnomatic

Instruction for use:

- Insert the part to be demagnetized into the opening
- Small watch parts are to be put into a plastic pouch
- Activate the black pushbutton
- Turn the object in two planes at 90° angular displacement to remove the rest of magnetism by again activating the push button
- The red light shows you the demagnetizing activation

Technical data:

- Voltage : 230 Volt 50/60 Hz
- Frequency: 50/60 Hz
- Power consumption : 1 VA
- Weight: 2.5 kg
- Diminsions: 130 x195 x 140

Code	Description	иом	Price
D12386	Greiner Magnomatic Demagnetiser	EACH	£850.00
D20790	Greiner Magnomatic Demagnetiser On/Off Switch	EACH	£38.75



Watch Part Assortments

See Page 264

- Circuit Screws





Greiner Magnotest 2

Measures magnetism of an object and displays the amount by means of red lights. The displayed amount is a relative value, (strong, weak or not at all magnetic).

- · Fine adjustment button • Divide the reading feature for
- strong magnetic readings
- Ready to use light
- Comes with Adaptor

Dimensions:

- Height 35mm
- Width 95mm
- Depth 160mm

Code	Description	UOM	Price
D12388	Greiner Magnotest II, Measures Magnetism	EACH	£365.00

Horotec Magtest

An electronic device for the detection and elimination of magnetism

- · For detecting magnetism as well as demagnetising
- · Can be used with watches watch parts, movements and
- LCD screen shows the location and force of magnetism
- Can also be used as a compass
- · Mains operated
- CE marked
- Horotec Swiss
- Horotec 19.907

Sensors:

- Tester has 5 sensors, one in the middle of the detection zone, the other 4 forming a 1.5cm square around it
- Will measure the force and location of magnetism
- A dot on the LCD screen shows which sensor is displaying magnetism
- The size of the dot displays the force of magnetism
- If the screen displays magnetism without any magnetic objects present, zero set the tester

On button:

- Single push: Will switch on the detector and demagnetiser. the single push will be followed 3 short beeps (the time in between each beep will determine the battery charge). A fully charged tester will have a gap of 0.5 seconds in between beeps
- 2 seconds continuous push: Activates compass mode. The device can be used as a compass

Off button:

- Single push: Zero sets the tester
- · 2 seconds continuous push: Checks battery life by playing the on/off beeps. Can also be checked via the symbol on the LCD screen
- 3 seconds continuous push: Switches off the tester

Code	Description	иом	Price
T44317	Magtest, Horotec Swiss	EACH	£379.95

Swiss Style with Opening

- Switch activated
- · Demagnetism active zone opening 65 x 40mm
- Mains operation
- Unit dimensions 140 x 65 x 70mm
- · Max. operating period: 1 minute
- CE Marked
- Made in China



Slowly pass the piece to be demagnitized through the apparatus, and take it out the other side.

Repeat the operation several times, always in the same

Press the button during the entire operation.

Code	Description	UOM	Price
D38207	Demagnetiser, Hole Opening	EACH	£45.95

Swiss Style with Platform

- Compact demagnetizer for small parts and tools
- Mains operated with power indicator
- 100 x 60 x 30mm
- CE Marked



Witschi Teslascope

Magnetism detection, demagnetisation and control with only one piece of equipment.

The new Teslascope performs the tests for a successful demagnetization and detection of mechanical watches - in a single step.



The Teslascope includes a convenient, free standing support, allowing watches with or without bracelet / strap, movements and steel watch parts of small dimensions to be easily tested.

The evaluation of the measurements takes place by red and green LED's. The magnetization degree is represented strengthen-dependently over several

The user-friendly operation of this instrument and the easy interpretation of its measurement results will convince you.

Features:

- On /off Switch
- Manual zero set of the magnetic field sensor
- Continuous measurement / examination of the present watch movement
- Demagnetisation of watches, movements or small steel parts
- Acoustical test: built in loadspeaker, which reports the magnetisation degree
- Suitable for open or closed watch movements, with or without bracelet / strap

Code	Description	UOM	Price
W32158	Witschi Teslascope	EACH	£695.00





DISPLAY TURNTABLES

Display Turntables



Maximize widow displays with these eye catching turntables. Display jewellery, watches, gifts etc, to create a focal point of a display, enhancing the sales of slower sellers and also to entice customers into the selling environment.

- Various sizes are available from large to small (please see the listings below).
- The top table cover disc where products are displayed is one glass mirror piece.
- The base unit is made of light weight plastic and the entire surrounding table is finished with small mirrors.
- As the unit rotates the mirror attracts light prominently enhancing the attractiveness of the display.
- Products rotate a full 360°c on this turntable giving customers a comprehensive view of the displayed line.

 • The unit is battery operated giving approximately a 300 to 500 hour life span*

 • The largest turntable comes complete with
- mains adaptor whilst still having the portable battery option.
- *Batteries not included, this time frame is calculated on alkaline batteries that Cousins stock, please see links below.

Ø90 x 65mm Display **Turntable**

Specification:

Comprised with a parallel wall Battery: 1x AA/LR6 (code MN1500) giving 300 hours of

Speed: 1.3rpm Max load: 2kg

Dimensions: 90mmx 65mm

Weight: 250grms

Code	Description	иом	Price
T32985	Ø90 x 65mm Display Turntable	EACH	£19.95

Ø128 x 65mm **Display Turntable**

Specification:

Comprised with a parallel wall Battery needed: 1 x C (code MN1400) giving 500 hours of

Speed: 1.3rpm Max load: 2kgs Dimensions: 128mmx 65mm Weight: 375grms







Ø128 x 65mm Display Turntable, Stepped

Specification:

Surrounded with a stepped mirror rim Battery: 1 x C (code MN1400) giving 500 hours of use Speed: 1.3rpm Max load: 2kg Dimensions: 128mmx 65mm

Weight: 365grms

Code	Description	иом	Price
T32987	Ø128 x 65mm Display Turntable, Stepped	EACH	£24.95

Ø178 x 65mm Display Turntable, Stepped

Specification:

Surrounded with a stepped mirror rim Battery: 1 x C (code MN1400) giving 500 hours of use Speed: 1.3rpm Max load: 2kg Dimensions: 178mmx 65mm Weight: 500g



DRILLS

BENCH DRILLS

A bench drill is a fixed style of drilling machine that can be mounted on a workbench.

- Unlike a hand-held drill machine; it is far more accurate

 The piller drill is also known as drill pross
- The pillar drill is also known as drill press, pedestal drill or bench pillar drill
- It comprises of a base that supports a column, table, pillar, spindle and a drill head
- Height of the drill table can be adjusted by means of a table lift crank that can be locked in position with a table lock
- A drill press is a valuable tool in any workshop and we offer two models for varying purposes
- Bench mounted models, being compact in design, save space in a smaller shop and can be moved when needed
- The bench models come with optional accessories and attachments giving the owner greater capacity to handle all sorts of projects

Retail Counter Magnifier Table Lamp





Ø1.00 to 3.20mm, Proxxon TBM



Ø1.00mm to Ø3.20mm Capacity - Proxxon TBM

- German made Proxxon high quality bench drill with a solid 220 x 120mm base/foot of ribbed cast aluminium and featuring an adjustable fence
- The rigid Ø20mm diameter column is hard chromed and 280mm tall giving good working height and a throat depth of 140mm
- The 220-240v motor is an 85W VDE approved unit driving a 3 step pulley via a flat belt providing steady speeds of: 1,800, 4,700 and 8,500 rpm
- Triple ball bearing shaft design gives essentially play free spindle rotation via the included 6 piece collet set
- Optionally a 3/8" bespoke Jacobs style chuck and key can be supplied (see ref: D9745).
- See also the Proxxon Machine vice to go with this press (see ref: D9746).
- Capacities via 6 collets: 1.00, 1.50, 2.00, 2.40, 3.00 & 3.20mm

Code	Description	иом	Price
D9743	Ø1.00 to 3.20mm Capacity, Proxxon TBM	EACH	£136.95

Ø1.00 to 10.00mm Proxxon TBH



Ø1.00mm to Ø10.00mm Capacity - Proxxon TBH

- German made Proxxon high quality bench drill press with a cranked and lockable headstock height adjustment on a rigid 45 x 500mm column
- Featuring a ribbed cast base/foot of 20cm sq and a milled workarea with T-slots
- Long life 220-240V permanent magnet motor with belt drive to a 3 step pulley yielding rotational speeds of: 1,800, 2,400 and 4,500rpm. This configuration yields a torque multiplication of as much as 6x at the lowest speed
- The spindle that has a geared rise and fall quill travel of 63mm runs in steel ball bearings for optimum accuracy during precision work
- Chuck offering a capacity of Ø1.00 to 10.00mm

• See also the Proxxon Machine vice to go with this press (see ref: D9746)

Code	Description	иом	Price
D9744	Bench Drill - Ø1.00 to 10.00mm Capacity, Proxxon TBH	EACH	£269.95

Drill Chuck, Proxxon TBM

Proxxon TBM Drill - Chuck

Specifically made as an optional extra for TBM drill

- Ø0.50 to 6.00mm
- Proxxon TBM drill (D9743)



Code	Description	иом	Price
D9745	Chuck for Proxxon TBM Drill	EACH	£8.95

ELECTRIC HAND DRILLS

Einhell Electric Drill



Einhell Germany Single Impact Hand drill

This single impact hand drill is exceptional value for money not to mention perfect to use with a flexible drive shaft (Code S33155).

Because of its variable speed control it is perfect to twist wire to make bangles, necklaces, earrings, etc. One simple technique to form this jewellery style is to lock the wires into the keyless chuck and the other hold in a bench vice or a hand vice. If you are using a hand vice get a colleague to hold the other end, set the electronic speed controller to number one, press the control button and the wire will twist. The longer the wire is twisted, the more they intertwine, so continue until the appropriate design has been achieved. To add other forms to the wire roll them through a rolling mill, planishing press or hammer them with a planishing hammer this will add even more elements to the design of the piece.

Create some fantastic designs with wire twisting, using an array of metals including gold, silver, copper, brass, etc.

eatures:

- Keyless chuck holding 1.6mm (1/16) to 12.7mm (1/2")
- Electronic Speed Control from with six settings
- Reverse Facility
- Additional Handle with Depth Gauge
- Casing has a special soft grip finish

Technical specification:

- Power 650w
- Speed 2600rpm
- Drilling Depth (Wood) 25mm
- Drilling Depth (Metal) 10mm
- Drilling Depth (Concrete) 13mm

Weight: 2.5kg

Code	Description	иом	Price
D33521	Einhell Electric Drill	EACH	£20.75

FLEXIBLE DRILL SHAFT & ATTACHMENTS

Drill Tapered Spindle, Pig Tail



Pig Tails are a great attachment to mount on any DIY house hold drill. Mount on a large selection of mops and abrasives to grind, smooth and polish pieces giving a fresh new look, all supplied from Cousins Material House, please see links below.

We also supply a Flexible Drive Shaft (Code S33155), to attach to the drill, enabling the user to access intricate areas when added flexibility is required.

- Diameter shank: 6mm
- Overall length: 80mm
- Thread Maximum Ø15mm
- Weight: 45g

Code	Description	иом	Price
S33350	Pig Tail Tapered Spindle	EACH	£3.95

Flexible Drive Shaft with Keyless Chuck





The Faithful Flexible Drive Shaft will fit directly into the chuck of any cordless or electric power drill. The reinforced ends and anti-kink designs prevent wear and helps provide a long working life.

A keyless chuck makes changing bits easy and the plastic hand grip provides a firm hold making the shaft easy to guide when in use.

Using a flexible drive enables you to take your power tool to the most inaccessible places just some of the attachments can be used below. Polishing, grinding, drilling, texturing, smoothing, reducing are just a few of the many tasks the Faithful Flexible Drive Shaft can be used for.

Abrasive attachments can be used with this Flexible Drive Shaft (do not exceed Ø100mm for controlled usage)

- Wheels: Brass, Bristle, Bufflex, Cotton, De-oxidization, Felt, Satin Fibril, Steel, Wool
- Mops: Cotton End, Loose Fold, Dolly, Stitched

Ideals for Use:

- Final finish on embellishments, brass, in clock refurbishment.
- Polishing and restoring alloy wheels, car bumpers, handle parts for automobiles and bikes.

- Repairing and restoring antique furniture fittings.
- Polishing and brightening bathroom and kitchen fittings like brass and steel.
- Get those old pots and pans & cultery looking new
- Polish brass plaques to new.
- Brighten up old brass, bronze, pewter ornaments, trays, plaques, fire place grills, figurines and statues.
- Restore and make a old steel/brass staircases to look like new.
- · Clean up iron garden gates, fences, grills, etc.

If you find the Flexible Drive Shaft too large for some applications view rotary drills for finer work.

Please note:

- Always wear eye protection.
- When fitting the mandrel in the collet, leave 15mm of mandrel from the collet to the mounted bit for ultimate performance.

Features:

- Overall length 1.1mm (44")
- 6mm (1/4") keyless chuck
- Maximum 6000rpm
- Weight: 750g

Code	Description	иом	Price
S33155	Flexible Drive Shaft with Keyless Chuck	EACH	£19.95

MANUAL HAND DRILLS

Archimedean Drills

A hand drill is a manual tool that converts and amplifies the circular motion of the crank into the circular motion of a drill chuck.

Miniature Archimedean drills are drills which are a small spiral type hand drill which operates by pushing the center piece up and down.

- Spring loaded and non spring loaded
- Extra large available

Archimedean, Regular



- For fine drilling of holes
- Easy to use
- Hold from the top knurled handle and push down the barrel which rotates the drill head
- Capacity Approx Ø0.30 to Ø1.00mm

Code	Description	UOM	Price
D39352	Archimedean, Regular	EACH	£1.95

Archimedean, Sprung



- For fine drilling of holes
- Easy to use
- Hold from the top knurled handle and push down the barrel which rotates the drill head
- Spring action lifts head back to position for constant action

• Capacity Approx Ø0.30 to Ø1.00mm

Code	Description	UOM	Price
D0444	Archimedean, Sprung	EACH	£2.95

Archimdean, Sprung, A*F Swiss



A*F Swiss

good quality for fine work. Spring loaded, spiral system. Steel chuck and brass handle. Chuck closing completely.

Code	Description	иом	Price
D47302	Archimdean, Sprung, A*F Swiss	EACH	£15.95

Archimedian, Extra Long



- · For fine drilling of holes
- · Easy to use
- Hold from the top knurled handle and push down the barrel which rotates the drill head
- · Capacity Approx Ø0.10 to Ø1.40mm
- Comes with two chucks

Code	Description	UOM	Price
D34916	Archimedian, Extra Long	EACH	£1.95

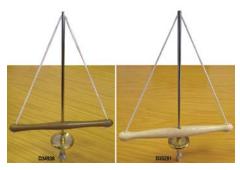
Archimedean, Extra Large (Wooden Handle)



- · For fine drilling of holes
- Easy to use
- Hold from the top wooden handle and push down the barrel which rotates the drill head
- Capacity Approx Ø2.00 to Ø2.30mm

Code	Description	иом	Price
D39355	Archimedean, Extra Large (Wooden Handle)	EACH	£3.95

Bow Drill



The traditional jewellers bow drill is functioned by moving the wooden handle up and down triggering the drill bit to rotate. Even though this may look complicated it is actually very simple to use with just a little practice and has a good, even drilling action. Jewellery drills, twist drill bits, diamond coated drill bits and rotary burrs can all be used with your bow drill

Putting together your Bow Drill: First, slot the wooden handle over the metal shaft through the middle hole.

Secure a knot in one end of the cord and thread the other end up through one of the end holes in the wooden handle. Make sure the knot is on the underside of the handle.

Thread the cord through the hole in the top of the metal shaft and down through the other side of the wooden handle. Secure a knot to hold it in place under the handle as you have on the opposite side.

How to use your Bow Drill: The drill can look a bit complex to use but it's truly a very simple procedure which you will soon get to master. If you are drilling sheet metal, it is a good idea to mark the point to be drilled with a center punch as this will give you a good initial point for the drilling and should help avoid the drill bit from gliding across your work.

Place the drill bit over the point to be drilled and twist the shaft whilst gently holding the handle. This will wrap the cord around the shaft and draw up the

Functioning the drill only requires one hand so the other is free to hold your work if required. Place two fingers on the wooden handle either side of the shaft and push down gently. This will begin the momentum needed for the drilling action. Once the handle reaches the bottom it will begin to rise back up the shaft, so allow your hand to raise with it before pushing back down when the handle has returned to the top. This should become a smooth flowing action and the drill will build up speed as you work.

Code	Description	иом	Price
D34938	Bow Drill, Traditional	EACH	£7.95
D35291	Bow Drill with Wooden Handle	EACH	£8.95

Hand Drills

A hand drill is a manual tool that converts and amplifies the circular motion of the crank into the circular motion of a drill chuck.

- Traditional hand drill
- "Eggbeater" type drill
- Has comfortable wooden handles
- · Excellent smooth gear system
- Collet from 0 to 4.5mm
- · Made in India
- Very good for twisting wire for obtaining a pattern effect
- Weight 700g

Code	Description	ИОМ	Price
D20867	Hand Drill with Chuck	EACH	£4.95







ROTARY HAND HELD DRILLS

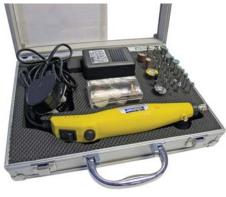
Rotary Drill & Tool Kit



- Precision pen grip handpiece of low voltage and single speed of 18000rpm.
- Includes transformer, 44 varied multipurpose accessories and organiser box.
- Standard Ø2.35mm handpiece capacity.

Code	Description	UOM	Price
D9740	Rotary Drill & Tool Kit	EACH	£19.75

Rotary Drill & Tool Kit, Variable Speed



- · Precision pen grip handpiece of low voltage and variable speeds from 8000 to 18000rpm.
- Includes transformer, coiled power line, 60 assorted multipurpose accessories and organiser box
- · Standard Ø2.35mm handpiece capacity.

Diamond Coated

Code Des	cription	иом	Price
D9821 Rota	ry Drill & Tool Kit, Variable ed	EACH	£36.50

Jewellery Drills See Page 834 **Foredom Pendant Drill Motors** See Page 692

Rotary Drill & Tool Kit, Variable Speed Plus Flexi Shaft, Handpiece & Stand



Einhell Germany Multi Speed Rotary Tool Kit with 189

This Hobby Rotary Kit is exceptional value for money with an array of accessories to cater for all grinding, polishing, drilling and engraving needs.

- 189 piece accessories kit including felts, sanders, drill bits and stone grinders
- Shelved compartmental storage box and carrying case comprising a tilting shelf
- Flexible drive shaft, 1 metre long
- Table clamp stand
- 135 Watt headpiece is variable speed and reaches speeds of up to 35,000pm
- Soft grip hand piece
- · Easy action control speed setting knob integrated with headpiece
- 4 interchangeable collets sizes: Ø0.5, 1.6, 2.4 & 3.2mm
- Please note the accessories included are all shank size 3mm
- Einhell Germany

Cousins Material House supply a full range of replacement bits for this unit, shank size 2.35mm (changing the collet will be required included in kit), take a look at our vast range and find a similar replacement bit with this accessories range.

Dimensions:

- Drill Overall length: 230mm
- Drill Diameter: Ø60mm
- Drill Weight: 600g
- Hanger length: from 25 to 55cm
- Length of flexshaft including handpiece: 110cm
- Handpiece diameter: Ø20mm
- Overall Weight: 2.4 kg

Code	Description	UOM	Price
G33522	Rotary Drill & Tool Kit, Variable Speed Plus Flexi Shaft, Handpiece & Stand	EACH	£45.95

DRYERS

Range of different drying units for the jewellery manufacturer/watchmaker-repairer. Hot & cold air

- · New from Elma, the Elmadry TD range
- Hot & cold air functionality
- The ultimate in efficiency and safety

Hot air

- Fast & effective Elma machine, hot drying your clock and watch parts
- Compact design one of the most popular units used in today's workshops

Micro Dryer

- Ideal for drying metal components, including
- Removes water without marking the surface of soft metals

- Use Maizorb as an excellent media that is non-toxic (code D8127)
- Very low running costs

Heating plate

- Electric warming plate for warming watch cases to test the formation of condensation in the watch
- For use in conjunction with our Roxer *Natator range (see code W12350)*
- Tip: with a change to higher temperatures, residual moisture in the watch will manifest itself as mist in the watch case. It is therefore recommended to always lay water-resistant watches on a heating plate before finally closing the case to drive off this humidity

Hot & Cold Air Dryer, Elma



New from Elma - Hot & Cold Air Dryers -Elmadry TD Range

- Hot & cold air dryer in one
- The ultimate in efficiency and safety
- · Automatic cut out when maximum temperature is reached
- No need to remove the parts from the cleaning basket
- · Simple, fast and safe operation

Specifications:

- Maximum drying temperature 70°C
- Cooling temperature at room temperature
- Ventilated lid included
- · Grey colour
- · See website "more info" for individual specifications

Features:

- Ultrasonic basket can be used in the dryer
- Quick & easy to operate (rocker switch with hot air, cold air and off positions)
- · Allows parts to be dried and then cooled auickly
- Lid (included) with ventilation slots ensures effective air flow with moist air escaping the drying chamber
- The lid also reduces the energy consumption, making this more efficient then a standard
- · Automatic safety switch off when maximum temperature is reached
- Dust filter prevents dust in the room from contaminating the parts
- · Stainless steel construction, protected against dripping water
- Perforated silicone protection mats available separately. They are placed in the base of the dryer to prevent delicate items from being scratched & to stop the item from moving
- · Made in Germany, made by Elma

Elma's Principle UK Distributor

Drying Media

TD 30 Dryer





- 240 x 140 x 100mm (tank internal dimensions)
- 264 x 176 x 219 (Overall dryer dimensions)
- 70°C maximum temperature
- Cooling at room temperature160 meters cubed per hour (air output)
- 15 minutes heating time
- Suitable for S30H basket (U9796)
- Elma 108 2175

Code	Description	UOM	Price
D47676	TD 30 Dryer	EACH	£299.95

TD 120 Dryer





- 300 x 240 x 197mm (tank internal dimensions)
- 342 x 285 x 322 (Overall dryer dimensions)
- 70°C maximum temperature
- Cooling at room temperature
 160 meters cubed per hour (air output)
- 15 minutes heating time
- · Suitable for multiple baskets
- 6.1Kg
- Elma 107 8542

Code	Description	UOM	Price
D47677	TD 120 Dryer	EACH	£450.00

COUSINSUK PRICE PROMISE



TD 300 Dryer



- 504 x 300 x 175mm (tank internal dimensions)
- 544 x 347 x 322 (Overall dryer dimensions)
- 70°C maximum temperature
- Cooling at room temperature320 meters cubed per hour (air output)
- 15 minutes heating time
- Suitable for multiple baskets
- 10.2Kg
- Elma 107 85475

Code	Description	иом	Price
D47678	TD 300 Dryer	EACH	£799.95

Silicone Mat for TD30



- Perforated silicone mat for TD 30 dryer
- · Placed in the base of the dryer to prevent delicate items from being scratched & to stop the item from moving
 • Elma 108 2379

Code	Description	иом	Price
D47679	Silicone Mat for TD30	EACH	£15.85

Silicone Mat for TD120 & TD300



- Perforated silicone mat for TD120 & TD300 dryers
- Placed in the base of the dryer to prevent delicate items from being scratched & to stop the item from moving
- Elma 108 2378

Code	Description	иом	Price
D47680	Silicone Mat for TD120 & TD300	EACH	£32.95









Hot Air Dryer, Elma



- · Fan operated for rapid drying
- Wire mesh supports jobs in path of hot air stream
- Switchable, mains operated
- Unit size: HT130 x 190 x 190 mm
- 220/240 volts

Elma's Principle UK Distributor

Description	UOM	Price
Dryer (Hot Air) Elma 3750100000	EACH	£235.00
Element, Elma 3750100001	EACH	£39.95
Fan, Elma 2000005489	EACH	£39.95
Mains Cable, Elma 1004255	EACH	£24.95
Mains Switch, Elma 3000009554	EACH	£10.95
	Dryer (Hot Air) Elma 3750100000 Element, Elma 3750100001 Fan, Elma 2000005489 Mains Cable, Elma 1004255	Dryer (Hot Air) Elma 3750100000 EACH Element, Elma 3750100001 EACH Fan, Elma 2000005489 EACH Mains Cable, Elma 1004255 EACH

Microdryer for Jewellery



- This electronically heated drying chamber gives perfect results every time
- Fully enclosed and dust proof
- Immerse jewellery objects into drying media for stain free results
- · Thermostatically controlled heater
- 2 kilos of drying media included
- Drying Media: Item D8127
- Made in Great Britain

Code	Description	UOM	Price
D4901	Dryer - Microdryer for Jewellery	EACH	£163.00

Heating Plate, Bergeon



Watchmakers Electric Heater with Adjustable Temperature for Escapements.

- Adjustable temperature range up to approx 160°c
- Bergeon 30460
- · Smooth Aluminium Working Surface
- · Plastic Insulating Frame
- Mains Operated
- Requires adapter, our code A40932

Can be used for:

- Adjusting pallet stones
- Preparing gaskets for the fitting of mineral glasses
- · For drying or warming of projects and softening purposes etc.

Code	Description	UOM	Price
H2816	Heating Plate, Bergeon 30460	EACH	£315.00

ENGRAVING

HAND HELD ENGRAVING

Hand Held Engraver



One of the world's best selling electric, hammer action, hand engraving tools.

- A light weight comfortable shape for holding, helping you to engrave with ease
- Full range of ready made engraving bits available to diversify different styles of engraving to your customer, please see links below; but at the same time customize and make your own engraving bits to achieve variable textures
- · Engraves on all material types such as gold silver, platinum, copper, brass, aluminium, bronze, pewter, steel, wood, plastics and ceramics
- · Motor delivers 7,200 strokes per minute
- Used by jewellery stone setters to close channel settings and for decorative work
- · Often used to engrave machines, tools etc with security messages such as postcodes or ID numbers to aid the recovery of items in the case of theft
- Please allow a maximum of twenty minutes continuous use to avoid over heating
- 220V (2 pin)
- 360g
- 2 pin to 3 pin adaptor required, item: A33069
- Made in Taiwan

Code	Description	UOM	Price
E0527	Engraving Machine, Hand Held	EACH	£13.95
E32961	Tungsten Carbide Tip for Engraver	EACH	£3.95
E32962	Diamond Tip for Engraver	EACH	£16.95

Hand Engraving Vice See Page 1045

INSIDE RING FNGRAVING

Inside Ring Engraver



A*F Swiss 106.620

An excellent quality precision made engraver in hammer finish enamel using a natural diamond cutter. Very stable and easy to use, compact base designred for use on a desk or work bench. Supplied with a conventional reversible template, on one side standard English letters, on the other side italic letters.

- Height 360mm x Width 150mm x Depth 210mm
- 26 letters, 9 digits & 5 signs
- Weight: 5Kg

An inside ring engraving machine is a must for any retail jewellery shop jobber or repairer.

- · There is nothing like offering a personnel service for your customers by engraving their messages inside a ring for eternity. Sending engraving jobs away to a engraver is fine
- but there is nothing like having a engraving done while your customers waits improving your customer services which leads to sales decisions straight away. • The A*F Swiss is the old original unit which has been
- around for many generations, popular throughout the world. An extremely well built unit made for precision engraving in mind. • Using an inside ring engraving machine does not require great skill or training so anyone can learn how
- to operate one with ease. When you first get your machine of your choice, practice on some blank rings, this will give you the idea how to set the unit up for engraving. • The unit works on a pantograph system. The pointer
- below which you move in the engravers round template duplicates the action above with a diamond tip against the inside of the ring hence scribing your letters/signs.

- 1. The machine has a round brass template which has two style of letters as well as numbers
- 2. The unit has nylon jaws which open and close to lock your ring into the engraving position. The locking/open knob for ring chuck adjusting is located at the bottom next to the circular black gear plate. (please note E35231 has a additional locking clamp on the gear face plate)
- 3. Once your ring is locked and you have chosen your engraving formation push down the guide pin into the inscribed brass template.
- 4. Push down the lever left hand side this will place the diamond tip into position on your ring and move the guide point in the scribed letter on the brass template
- 5. You will notice the point in the centre of the ring moving touching the ring hence engraving a letter number or sign
- 6. To move to the next letter push the lever up and the black gear plate will move to the next space where you can continue your next letter.
- 7. One can put more space between letters by

adjusting the spacer control knob located on the left hand side of the black gear plate

8. Once you get the hang of it one can proceed with a faster working time.

Code	Description	иом	Price
E4305	Inside Ring Engraving Machine, A*F Swiss	EACH	£984.50

MULTI SYSTEM ENGRAVING

Elma Multi System Modulgrav 2



Elma Modulgrav 2 - Multi System Engraver - Made in Germany

The all-rounder among the engraving machines

Technical improvements:

- Engraving Precision
- Clear Font Size Indication
- Built in Letter Stretching Device

How it works - you can build up your functionality as and when you desire

Start with the Modulgrav 2 "Base Module" which includes a diamond holder, mouse and now incorporates the letter stretching device (previous purchase separately) along with other technical improvements over the original.

Includes:

- Diamond Holder
- Mouse
- · Letter Stretching device

Add attachments that suit your demand, the top sellers are the "inside ring engraving attachment" and the "outside ring engraving attachment".

There is also a Letter Holding Template Rail to adapt Gravograph Letters: Item E32110

- Accurate, simple to operate, quick to change over, space-saving and economical
- Flat engravings on jewellery pieces and signboards by diamond or cutter
- Step less, reproducible variation of font size 0.8 6.5mm (via adjusting screw and front scale)
- Font stretching device up to 100% (for short names the font can be stretched by up to 100%)
- Wide range of optional accessories, such as different fonts, templates, special characters and monograms
- Used on gold, silver, platinum brass copper titanium palladium and stainless steel
- Enhance your sales add a quality service to your retail customers there is nothing like putting a name or a message on your jewellery/gifts
- The market leader engraving unit for the last 10 years
- Elma Modulgrav 2 improved new design features is already put its place as a world favourite engraving machine
- What you will find with the Ema Modulgrav 2 its easy simplicity to set up and engrave your customer items quickly
- Used by retail/jewellers, silversmiths, engravers for the trade arts/craft and mobile phone services

- You can engrave rings, pendants, bracelets, lockets, I d tags, lighters, pens, sun glasses, small cups/tankards small trophies plaques novelty gifts and mobile phones (with metal covers)
- A large range of attachments letters numbers and picture/occasions messages available please see PDF

Technical details Basic module:

- Unit external dimensions:
 Width 350mm
- Depth 250mm
- Height 580mm
- · Weight 10.5 kg

Elma's Principle UK Distributor

Code	Description	иом	Price
E32109	Modulgrav 2 Machine (Module)	EACH	£1,475.00
E5172	Inside Ring Engraving Attachment	EACH	£235.00
E5623	Outside Ring Engraving Attachment	EACH	£395.00
E5173	Clamping Small Items Attachment	EACH	£130.00
E5174	Clamping Large Items Attachment	EACH	£149.95
E5175	Clamping Unusual Shapes Attachment	EACH	£115.00
E6528	Ø40mm Mushroom Attachment	EACH	£10.50
E6527	Ø60mm Mushroom Attachment	EACH	£10.50
E6526	Ø80mm Mushroom Attachment	EACH	£10.50

Accessories & Spare Parts



Elma Modulgrav - Multi System Engraver - Made in Germany

In stock now, a range of spares and accessories for your Modulgrav, ensuring you will always be able to repair/ upgrade your machine if need be.

• Click website "More Information" for full specification

Code	Description	иом	Price
E4804	Clamping Wire With 1 Nipple - Elma Modulgrav & Ringstar	EACH	£6.95
E4805	Tension Spring - Elma Modulgrav	EACH	£3.50
E5466	Motor Holding Bracket for Modulgrav	EACH	£33.95
E5465	Handpiece Holding Bracket for Modulgrav	EACH	£15.95
E5174A	Nylon Jaw Left Side for Attacment E5174 - Elma Modulgrav	EACH	£8.95
E5174B	Nylon Jaw Right Side for Attachment E5174 - Elma Modulgrav	EACH	£8.95
E5174C	Attachment Bolt for Nylon Jaw (Left or Right) for Attachment E5174 - Elma Modulgrav	EACH	£4.95
E5174D	Screw for Bolt for Nylon Jaw (Left or Right) for Attachment E5174 - Elma Modulgrav	EACH	£4.95
E9226	Diamond Tip for Base Module - Elma Modulgrav	EACH	£99.95
E8294	Letter Holder Rail (for Elma Letter) using Elma's Modulgrav & Ringstar	EACH	£53.50
E32110	Letter Holder Rail (for Gravograph)	EACH	£78.95

W@RLDWIDE DELIVERY



Letters, Elma



No.1 - Double Outlined Letters

No.4 - Block Letters Narrow

No.6 - Script Letters

No.10 - Block Letters Large

A - 82 Characters

C - 120 Characters

D - 206 Characters

Elma's Principle UK Distributor

Code	Description	иом	Price
E7289	Engraving Letters Elma Set 1A	EACH	£222.00
E7290	Engraving Letters Elma Set 1C	EACH	£328.00
E9224	Engraving Letters Elma Set 4C	EACH	£243.00
E2051	Engraving Letters Elma Set 6C	EACH	£424.00
E7299	Engraving Letters Elma Set 10D	EACH	£407.00
E9240	Engraving Letter Character '&'	EACH	£13.50

POWER GRAVER

Power Graver, Foredom



Engraving - Power Graver Kit & Accessories - Foredom

The PowerGraver provides a power assist to stone setting and engraving operations.

It is a dedicated unit with specialized components used for Bead, Prong, Channel, Hammer and Bezel Setting, Engraving and other Decorative Work

The 2293 Power Gravers permanent magnet series PG motor is designed for high torque/low speed applications and features a totally enclosed housing with permanently lubricated ball bearings for quiet, trouble-free performance.

The 9D handpiece works and feels like a hand engraving tool with the added advantages of greater control and the ability to adjust the impact force. The unit comes equipped with a special, extra flexible neoprene sheath.



Kit No. 2293 Includes:

- PG Permanent magnet motor
- No.9D handpiece
- Collet nos. 602(1/16"), 603 (3/32"), 604 (1/8") and 605 (3mm)
- EMG Dial control
- FCG on/off foot switch
- · Grease, handpiece oil
- Accessory FD10215 Carbide stylus
- Accessory FD10177P Anvil point
- Set of 4 gravers: Round, Onglette, Bevel and Flat
- Supplied with 32 minute instructional DVD
- 2 Year Warranty on Power Graver Motor
- CE marked
- Replacement Inner Shaft Cousins Code = FD93

Additional gravers available:

- Bevel = Product code G41440
- Flat = Product code G41441
- Onglette = Product code G41439
- Round = Product code G41438

Click website "More Information" for full specification.

Code	Description	UOM	Price
FD22932	Power Graver Kit, Foredom	EACH	£369.95
FD10177P	Anvil Point, Foredom Power Graver	EACH	£4.35
FDR15G	Pave Point, Foredom Power Graver	EACH	£23.65
FD10215	Carbide Stylus, Foredom Power Graver	EACH	£16.95
FDH9D	Handpiece No H.9D, Foredom Power Graver	EACH	£135.00
D48845	Instructional Power Engraver DVD	EACH	£2.95

ENGRAVERS SPHERICAL BLOCKS



Engravers Spherical Revolving Blocks are ideal equipment for holding work. Also known as the Engravers Ball they have been used for well over 110 years by many types of craftspeople.

Hand engraving, stone setting, chasing and sculpturing on precious or non precious metals is one of the few arts which many craftspeople still really excel at all over the world, even today.

It is also one in which the best modern work can bear comparison with the best of any age. Practice to develop ones skills will earn you a reputation as a true artist and craftsperson.

Engraving is so decorative and useful in many fields of production that its future sets one up for securing customer orders. The demand for high quality hand engraving, stone setting, chasing and sculpturing is encouragingly big because no-machine made substitute has yet been evolved to replace it. To do fine work is always rewarding in a broad sense, and one can predict with some confidence that skilled craftspeople will continue to offer adequate rewards financially as well even in the present highly mechanised times.

Cousins Material House offers a wide range of tools and equipment ideal for holding work for all of those crafting needs. View the links below to view the wide range of departments on our website.

We have a selection of Spherical Revolving Blocks from Italy and India. The Italian blocks are made to a very specific, high quality while the Indian equivalent comprises exceptional quality for a highly competitive price.

- Work and hold virtually anything to engrave, set, sculpture, chase, etc including on jewellery, knives, swords, pens, lighters, plaques, trophies, ornaments, tankards, cups, watches, clocks, almost anything to engrave stone set sculpture chase etc
- Jewellers' Vice (code V1824) is an insightful accessory to use with this tool; by unscrewing the handle, clamp in the engraver's ball to add a finer holding apparatus.

Small Block



Engravers Spherical Block

Comprising a dual-ball bearing system, this tool enables a smooth rotation whilst also preventing detrimental wear. The Indian Engravers Spherical Revolving Block combines outstanding quality with high value for holding work.

- Control the rotational resistance in a full circular position, with an integrated rotational brake system.
- Machined from solid hardened steel with a polished finish and comprising completely blackened jaws; finished to reduce glare and eye strain.
- Rests on a smooth, finished, aluminium collar providing a smooth and multi-directional 360°C
- Its two jaws have twenty two machined holes giving maximum control when positioning awkwardly shaped pieces
- Made in India

Dimensions:

- Ball Diameter: 80mm
- Jaw Width: 50mm
- Jaw Height: 20mm
- Max. Opening: 50mm
- Overall size of ball 100mm x 130mm
- Weight: 4.3kg

Code	Description	UOM	Price
E31906	Engravers (Small) Revolving Block	EACH	£124.95

Small Block, Italian



Engravers Spherical Block - Italian Comprising a dual-ball bearing system, this tool

enables a smooth rotation whilst also preventing detrimental wear. The Italian Engravers Spherical Revolving Block combines outstanding quality with high value for holding work.

- Control the rotational resistance in a full circular position, with an integrated rotational brake system.
- Machined from solid hardened steel and comprising a complete blackened finish to reduce glare and eye strain.
- Rests on a smooth, finished, aluminium collar providing a smooth and multi-directional 360°C movement.
- Its two jaws each have 5 machined holes giving maximum control when positioning awkwardly shaped pieces.
- Full range of accessories are sold separately, please see below (code E8358).

Dimensions:

- Ball Diameter: 80mm
- Jaw Width: 40mm
- Jaw Height: 20mm
- Max. Opening: 35mm
- Overall size of ball 80 mm x 95mm
- Weight: 2.2kg

Code	Description	иом	Price
E8345	Engravers (Small) Revolving Block, Italian	EACH	£250.00
E8358	Engravers Block Accessory Set for E8345	EACH	£69.95

Large Block



Engravers Spherical Block

With a dual-ball bearing system for smooth revolving without wear or looseness, the Indian Engravers Spherical Revolving Block combines outstanding quality with value for work holding.

- Control the rotational resistance in a full circular positioning with an integrated rotational brake system
- Machined from solid hardened steel with a polished finish and comprising completely blackened jaws; finished to reduce glare and eye strain.
- Rests on a hard rubber, smooth finished collar providing a smooth any directional movement 360 c.
- Total of thirty four accessories with wooden storage stand and sturdy hex closing and opening key provided.
- Jaws have twenty six machined holes giving maximum control when positioning awkwardly shaped pieces.
- Made in India

Features:

- 8 x standard pins top head have circular groove cut out
- 8 x large pins with rubber coating none marking
- 4 x flat triangle pins
- 4 x small blockhead pins with circular groove cut out
- 4 x large blockhead pins with circular groove cut out
- 4 x large S brackets, with coated heads that wont leave marks. The ends have to reduced/turned down to fit the holes in the surface of the block plate, so they can be inserted horizontally to enable them to hold plates and trays etc.

Dimensions:

- Ball Diameter: 120mm
- Jaw Width: 60mm
- Jaw Height: 30mm
- Max. Opening: 60mm
- Overall size of ball 80 mm x 120mm mm

• Weight: 2.2kg

Code	Description	UOM	Price
E31905	Engravers (Large) Revolving Block	EACH	£125.00

Large Block, Italian



Engravers Spherical Block - Italian

Regarded in the world to be the best of its kind work holding equipment.

With a dual-ball bearing system for smooth revolving without wear or looseness, the Italian Engravers Spherical Revolving Block combines extreme outstanding quality with value for work holding.

- Control the rotational resistance in a full circular positioning with an integrated rotational brake system
- Machined from stainless steel with a polished finish
- Fitted with nylon jaws non marking
- Rests on a hard plastic smooth finished collar providing a smooth any directional movement 360°C
- 2 Jaws have 10 machined holes giving maximum control for positioning to hold some of the more awkward shapes
- Full range of accessories sold separately, please see below (code E8357)

Dimensions:

- Ball Diameter: 130mm
- Jaw Width: 50mm
- Jaw Height: 30mm
- Max. Opening: 75mm
- Overall size of ball 150mm x 135mm
- Weight: 2.2kg

Code	Description	UOM	Price
E8343	Engravers (Large) Revolving Block, Italian	EACH	£330.00
E8357	Engravers Block Accessory Set for E8343	EACH	£155.00

GRAVERS (MACHINE)

Gravers (Machine) Ferri



Flat - Onglette - Round

- Machine gravers
- High speed steel (HSS)
- High quality
- Will fit various power gravers

Code	Description	иом	Price
G45784	Flat 0.6mm (No.6) HSS	EACH	£5.95
G45785	Flat 0.8mm (No.8) HSS	EACH	£5.95
G45786	Flat 1.0mm (No.10) HSS	EACH	£5.95
G45787	Onglette 1.78mm (No.1) HSS	EACH	£5.95
G45788	Onglette 1.94mm (No.2) HSS	EACH	£5.95
G45789	Onglette 2.16mm (No.3) HSS	EACH	£5.95
G45790	Round 0.60mm (No.6) HSS	EACH	£5.95
G45791	Round 0.80mm (No.8) HSS	FΔCH	f5 95

Gravers (Machine) Foredom



Machine Gravers - Foredom - Made in USA

Bevel - Flat - Onglette - Round

- Machine gravers from Foredom
- High speed steel (HSS)
- · Best quality
- · Will fit various power gravers
- Made in USA

Code	Description	иом	Price
G41440	Bevel Machine Graver	EACH	£17.25
G41441	Flat Machine Graver	EACH	£17.25
G41439	Onglette Machine Graver	EACH	£17.25
G41438	Round Machine Graver	EACH	£17.25

EXTRACTORS & WORK CHAMBERS

Commercial Filtair Extractor



Twin Extractor Unit, Free Standing (Base Style) for Polishing Motors

Dimensions: 640 x 550 x 900mm (WxDxH)

- Inlets = 2
- Outlets = 1
- Extractor to remove dust from up to two polishing heads

For A Clean And Safe Environment:

- 2 "Procron" progressive particle size filter bags
- Powder coated case for a long life
- Catchment tray and bag shaker
- Filtered air can be recirculated or ventedConvenient single phase self contained unit
- Flexi tube (ref: E19539A) per meter to order
- 3" jubilee clips (ref: E19539B) to order

Extraction Motor 0.5hp, 200 cubic feet per minute

• Electrical specification 4 amps at 220 volts

Jubilee Clip (3"):

- To attach Flexi Tube E19539A
- For Filtair Dust Extractor

Filtair Dust Extractor Flexi Tube:

- Attach using jubilee clip (Ø3") E19539B
- For Filtair dust extractor
- · Supplied in one length

Replacement Filter Bag (code P12725)

Code	Description	иом	Price
E19539	Filtair Dust Extractor	EACH	£1,085.00
E19539B	Jubilee Clip (3")	EACH	£4.00
E19539A	Filtair Dust Extractor Flexi Tube	1 Metre	£11.95

See our website for new late arrivals

Commercial Ventura 3 Extractor



Twin Extractor for Polishing Motors

Powerful quiet extracting motor with large area filter. Illumination of working area both sides. Supplied with fixing kit suitable for most popular polishing motors.

- Power of extraction motor is 0.5 hp
- Rate of extraction = 360 m3 / hour
- Dimensions: 860 x 610 x 330 mm
- · Powder coated steel case for long life
- Electrical: 2 amps at 220/240 volts
- Lights: 2 x 60w bulbs
- Weight: 16Kgs

Replacement Filter (code E8292A)

Code	Description	UOM	Price
E8292	Ventura 3 Twin Extractor	EACH	£725.00

Foredom Filter Hood



Dust Collector Hood for Foredom Polishing Motor BI 2CF

- · Heavy gauge sheet
- Metal construction
- Non-skid pads on the bottom
- Ø64mm rear fitting adapter to fit collection system hoses
- Height 165mm
- Wide 117mm
- Deep 219mm

Code	Description	UOM	Price
FDDCH1	Foredom Dust Collector Hood	EACH	£40.95

<u>Foredom Filter Hood</u> <u>with Extractor</u>

Filter Hood for Foredom Polishing Motor BL2CE

With or Without Lamp - For Filtering Particles and Reclaiming Precious Metal Dust (one year warranty)

Developed to work with Foredom's Bench Lathe (BL2CE), the new filter hood is compact, powerful and portable. Use in jewellery making, dental labs, industry or woodworking to collect dust and larger particles produced by light grinding and polishing.

Great when positioned next to the bench lathe but can be moved anywhere on a benchtop for use with a flex shaft or micromotor.

The FDMAFH25 and FDMAFH27 have a variable speed motor that operates in 220v using a switch on the side. They offer strong suction power for removing particles of hazardous dust and reclaiming precious metal. The filter hood is made of powder coated, heavy gauge steel and is CE compliant.

- It has a removeable metal water-tight tray
- · 424mm gooseneck mounted bright, long lasting LED (optional)
- · Light and clear acrylic shield
- · Comes with three filters which are easy to change
- Fan rating of 80 cubic feet per minute

Filter Hood with Lamp



Dimensions:

- Height 190mm Width 155mm
- Depth 325mm

Tray (interior dimensions):

- Length 145mm
- Width 115mm
- Depth 12mm

Filter:

- Width 155mm
- Height 140mm
- Thickness 10mm

Replacement Fuse: FDHP4110

Code	Description	ИОМ	Price
FDMAFH25	Filter Hood with Lamp	EACH	£215.00

Filter Hood without Lamp



Dimensions:

- Height 190mm
- Width 155mm
- Depth 325mm

Tray (interior dimensions):

- Length 145mm
- Width 115mm • Depth - 12mm

Filter: • Width - 155mm

- Height 140mm
- Thickness 10mm

Replacement Fuse: FDHP4110

Code	Description	UOM	Price
FDMAFH27	Filter Hood without Lamp	EACH	£199.95

Brushes for Filter Hood

- Foredom MP251P
- Supplied in pairs For FDMAFH25 & FDMAFH27





Charcoal Filter

- · Charcoal front with a polyester back
- · Captures the finest of particles
- Excellent when using abrasive wheels, silicons & manhattan wheels
- Pack of 5
- For FDMAFH25 & FDMAFH27

- Width 155mm
- Height 140mm
- Thickness 10mm

Code	Description	иом	Price
FDMAFH1085	Charcoal Filter	PACK*5	£6.95

Polyester Filter

- Excellent for traditional loose fold cloth mops
- For FDMAFH25 & FDMAFH27

- Width 155mm
- Height 140mm
- Thickness 10mm

Code	Description	иом	Pric
FDMAFH107	Polyester Filter	PACK*5	£3.6

Foredom Work Chamber with Light & Extractor



Compact, semi-enclosed unit designed for use with dust collection and compressed air, manufactured by

Foredom's new Work Chamber is a great addition for jewellers, dental and other lab technicians, carvers, and fabricators working with small work pieces. It offers excellent visibility and keeps dust and debris contained when grinding, sanding, polishing and drilling work pieces that fit in your hand.

The compressed air nozzle swivels and air flow can be adjusted from low to high and directed to funnel dust and debris away from the work piece, through the back of the chamber and into a dust collection system.

- 2.5x magnifier with a 10x insert
- · Adjustable LED light, tilts to where it is needed
- · Pivoting compressed air nozzle, has variable flow of air up to 90 PSI or 6 Bars and pivots to direct air on the work piece, funnelling dust and shavings away
- · Vacuum port fits a 21/4 inch diameter hose for connection to a dust collector, shop vacuum or other device
- · Padded wrist rests

- · Polycarbonate shields hinged and secured with screws contain dust and debris
- Bottom tray is water tight and easy to remove for cleaning
- Manufactured by Foredom USA

Dimensions:

- 28 x 29 x 25.5cm (W x H x D)
- 5Kg

Code	Description	иом	Price
FDMALC15	Lighted Work Chamber with Extractor	EACH	£289.95

Work Chamber Collecting Box for Precious Metals



Increases in the price of precious metals have hit record highs with the potential to increase further; ergo it is now essential to be prudent with filing, polishing, grinding, cutting residue, etc. The precious metal collecting box is essential apparatus in today's workshops. Save, recover and store metal fragments such as gold, silver, platinum, titanium, palladium, copper, brass, etc making it quick and easy to scrap

As well as containing fragmentations this box dramatically reduces dust in the air improving the working environment. Its two handed user holes subtly gives an easily confined, ergonomic working environment.

Additionally the clear Perspex viewing sheet can also be removed making cleaning of the sheet, items, as well as being able to work on larger pieces. Sweep the lemel into the lemel tray underneath the unit into the six grooves specifically cut out; this can be withdrawn to retrieve lemel and put into a spare container ready

This box is supplied with two G clamps; screw down so the box can not be moved during work if required.

The unit is constructed from the best quantity materials, its side walls and bottom lemel draw are made from good quality plastic, while the rubber round covers with six slits on the box's sides provides easy and comfortable access when working.

The box has an aluminium backing and base held by three metal threaded rods. An assortment of nuts and screws are provided as well as a small spanner in order to quickly and easily assemble the box, instructions included.

Size and weight:

- 230mm x 205mm x 205mm
- Rubber guards diameter 100mm
- · Weight: 1.6kg

Code	Description	иом	Price
B32963	Collecting Box for Precious Metals	EACH	£34.95



FURNACES

Melting Furnaces



Melting Furnaces: 1 kg - 2 kg - 3 kg - 4 kg

Economically melt your Gold, Silver and non ferrous metals for casting and ingot-pouring applications

- Melting capacity available 1kg, 2kg, 3kg & 4kg
- Precise control of melting temperatures up to 2028°F (1120°C)
- User friendly & fully automatic designed for safe and easy use
- Easily programmable controller L E D display
- Insulated lid holds in heat and keeps oxygen out for a cleaner melt
- Grooved graphite crucible is designed for easy removal from the furnace using specially designed crucible tongs (both included)
- Steel housing around heating element for long shop life
- Very popular for investment gold bar makers
- · Made in Italy
- Internal 15 or 20 amp fuse
- 220 Volt
- Requires adapter plug, our code A40932

Tip: When your crucible is full with metal and the temperature set slightly under your setting point stir with appropriate stirring rod (carbon stirring rod included).

Stirring your metal with a stirring rod will give you a good clean flow when you are ready to pour into ingot moulds

Size:

• Height 38cm x Depth 21cm x Width 23cm

• Weight : 6kg

Replacement Crucibles:

- 1Kg: C32202
- 2Kg: C32203
- 3Kg: C32204
- 4Kg: C45596

Code	Description	UOM	Price
F32186	1kg Melting Furnace	EACH	£395.00
F32187	2kg Melting Furnace	EACH	£425.00
F32188	3kg Melting Furnace	EACH	£450.00
F45595	4kg Melting Furnace	EACH	£495.00

Crucibles & Stirring Rods See Page 1005



Melting Furnace Accessories



Melting Furnace Accessories

No need to purchase a second furnace!

Just swap the easy fitting heating elements to convert to a different size (you will also need to swap the thermocouple)

Code	Description	UOM	Price
F32189	Heating Element, 1kg	EACH	£179.95
F32190	Heating Element, 2kg	EACH	£189.95
F32191	Heating Element, 3kg	EACH	£199.95
F48341	Heating Element, 4kg	EACH	£235.00
F47530	Lid for Furnace (1kg, 2kg & 3kg)	EACH	£34.95
F47531	Lid for Furnace, 4kg	EACH	£34.95
F32192	Thermocouple, 1kg	EACH	£19.95
F32193	Thermocouple, 2kg	EACH	£19.95
F32194	Thermocouple, 3kg	EACH	£19.95
F48342	Thermocouple, 4kg	EACH	£19.95

Burnout Furnace 18"



These production-sized ovens feature simple digital programming

- Sturdy stainless steel oven cabinets and interior fire brick construction
- Exposed side wall elements to ensure efficient even heating and fast and effective burnouts
- Made in America
- Three pre-set programs with delayed start (up to 99 hours)
- Custom set up to six ramp set segments (each with its own rate temperature and hold time) using the programmable controller
- Shipping Weight: 295 lbs (134kg)
- Voltage: 240V, 24A, 5760W
- Maximum Temperature is 1700 degrees Fahrenheit

Exterior Dimensions:

 Height 31" x Width 24" x Depth 27" (787mm x 610 x 686mm)

Interior Dimensions:

Height 18" x Width 18" x Depth 18" (457 x 457 x 457mm)

Code	Description	иом	Price
F19541	Burnout Furnace 18" x 18" x 18" (Interior Dimensions)	EACH	£2,595.00

GEM STONE TESTING

Our range of gem stone testing devices are easy to handle and the results are easy to read.

What is a moissanite and how does it differ from a diamond?

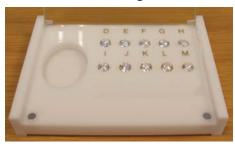
It was Dr. Henri Moissan who discovered the silicon carbide mineral, lodged inside a meteorite in Canyon Diablo in Arizona, USA in 1983 and it is him the mineral is named after. Moissanite stones are often mistaken for either synthetic diamonds or even real diamonds such is their likeness. Synthetic diamonds, however, can only be formed in the lab, while genuine diamonds are completely naturally occurring carbon structures.

It was in the 1990s, when the Charles & Colvard Co. discovered how to use moissanite seed crystals to mass-produce the stone, that moissanite rose to prominence as an inexpensive diamond alternative. While it can be mistaken for a diamond, CousinsUK have a large range of testing units for identifying and differentiating these gemstones.

Diamonds are made of carbon, the same material that makes coal and the lead in pencils. All life on earth is carbon-based, humans, anemia and plants. Its chemical structure makes it the hardest mineral known to man, almost 10 times the strength of steel. Their crystalline structure helps to disperse light, giving diamonds their brilliance. Gem diamonds are used for jewellery on a massive scale and are the most sought after gem in the world.

DIAMOND COLOUR GAUGES

Diamond Colour Gauge



Diamond Colour Gauge

- Diamond colour gauge master set
- With 10 cubic zirconia's (CZ's) colour graded from D (colourless) to M (faint)
- Exact colour grade, manufactured in a laboratory for meticulous accuracy
- Precise and used by diamond merchants all over the world
- Supplied in carry set with clear plastic lid
- Pocket size: 100 x 70 x 15mm

Code	Description	UOM	Price
S45574	Diamond Colour Gauge Master Set	EACH	£325.00



DIAMOND TESTERS

Ceres Diamond Tester



Ceres CZeckPoint Diamond Tester

- · Separates simulant from real diamonds
- A tone & light indicate a genuine diamond
- Automatic shut off feature
- Warning buzzer to indicate probe has come into contact with metal
- Rechargeable ni-cad battery powered, adapter/charger included
- Storage case
- Industry favourite
- Fast, reliable and accepted method of testing
- For user manual & trouble shooting please see the PDF's available above
- · Made in USA

Code	Description	UOM	Price
T1686	Ceres, Diamond Tester	EACH	£99.95
	Price breaks available, see w	ebsite	

Dalman Diamond Tester



CousinsUK scours the globe for excellent and competitively priced products and here is a prime example. Although others we stock are old favourites, this tester works with accuracy and precision

- A simple light touch lets you know if it's a real diamond
- A reliable tester for distinguishing diamonds from simulant stones
- Use with any setting, loose stones, stone in rings, pendants etc.
- · Tests audibly and visibly
- Comes with a test plate for testing loose stones
- Takes a 9V battery (supplied)
- Tester buzzes after 3 minutes if not touched to let user know to switch off
- Full Instructions included, comes in a wallet

Code	Description	иом	Price
T22170	Dalman TD1, Diamond Tester	EACH	£28.50

RSMizar Diamond Tester



Prestige II Diamond Detective - New Version

- New version prestige II. No need to scale diamonds before testing.
- Simple light system indicates when tester is ready, when the item is a diamond and when the tester has low battery.

- · Warm up time is less than seven seconds
- Manual controls allow for accurate tests outside normal environmental conditions
- A simple light touch lets you know if it's a real diamond
- A reliable tester for distinguishing diamonds from simulant stones
- Use with any setting, loose stones, stone in rings, pendants etc.
- Tests audibly and visibly. Comes with a test plate for testing loose stones
- Takes a 9V battery (supplied)
- Auto shut-off after 90 seconds
- Made in U.S.A.

Code	Description	UOM	Price
T8200	Prestige II, Diamond Tester	EACH	£64.95

DIAMOND & MOISSANITE TESTERS

RSMizar Diamond & Moissanite Tester



The all in one diamond and moissanite tester

- This is the first one step dual tester on the market
- This new revolutionary design is unmatched in performance and ease of use
- The entire test takes only ONE second and then you know for sure if it's moissanite, other artificial diamond, or a genuine diamond
- This device is 100% accurate
- A simple probe tip test allows identification
- If it's a simulant or non-diamond, nothing will happen
- If it's a diamond a buzzer will sound and a green light (diamond) will illuminate
- If it's a Moissanite, the buzzer tone will change and a red light will illuminate
- Comes with a test plate for testing loose stones
- Takes a 9V battery (supplied) (for spare see code MN1604)
- Made in U.S.A.

Code	Description	UOM	Price
T8202	DiamondNite Diamond & Moissanite Tester	EACH	£144.95

SmartPro Diamond & Moissanite Tester



SmartPro Reader 1 Diamond & Moissanite Tester

A world first readable LCD display on a pocket sized precision instrument that instantly identifies diamonds, moissanites, cubic zirconia and other simulants based on their thermal properties.

- World first readable LCD display, leaves no doubt which stone you have tested
- identifies metals, simulants, moissanites and diamonds instantly
- Retractable thermoelectric probe tip for enhanced accuracy that ensures constant pressure between the probe and the gemstone

- Thinnest probe tip on the market, Ø0.48mm, for testing diamonds as small as 1mm (0.01ct)
- Power grip for secure holding
- · Enhanced accuracy and consistency
- Metal alert buzzer to ensure tip is always in contact with the stone
- · No waiting time between tests
- Clear and easy to read LED display
- · Low battery indicator
- · Automatic power shut-off
- Portable and lightweight
- Batteries or AC mains operated (battery life 2.5 hours constant use) (mains attachment supplied separately, requires plug adapter A32444)
- For trouble shooting & frequently asked questions (FAQ's) please see the PDF available above

Includes:

- SmartPro Reader 1
- Metal tray for stones
- Protective carrying case
- Neck rope
- User manual

Code	Description	ИОМ	Price
T44177	SmartPro Reader 1	EACH	£180.00
T46462	SmartPro Reader 1 Mains Attachment	EACH	£17.95

MOISSANITE TESTERS

RSMizar Moissanite Tester



The most popular moissanite tester

- Known as the Moissanite TERMINATOR
- The Moissanite Terminator II has dual test voltages to ensure 100% accuracy
- Will identify artificial moissanite gemstones and other man made/synthetic gemstones
- By placing the testing probe onto the centre of the gemstone, a beeping noise and a flashing green light will indicate a moissanite gem
- Real gemstones will not cause a reaction
- Takes a 9V battery (supplied)
- Auto shut-off after 90 seconds.
- Made in U.S.A.

Code	Description	UOM	Price
T8201	Terminator, Mossanite Tester	EACH	£76.95

Measuring Gauges, Carat & Gem

See Page: 924

DIAMOND & SYNTHETIC DIAMOND (CVD/HPHT) TESTER

SmartPro Diamond & Synthetic Diamond (CVD/HPHT) Tester



The smartest & fastest diamond tester in the world that is designed for smart testing and differentiating of natural earth-mined colourless diamond (D-J, type Ia, Ib) from lab created or synthetic type (IIa, IIb, CVD or HPHT) colourless diamonds, mounted or unmounted.

The diamond industry has now entered an age where technology can fool even the most experienced diamond dealer. New laboratory techniques mean synthetic and treated diamonds are near indistinguishable from earth mined diamonds. "High pressure-high temperature" (HPHT) is a lab technique used to enhance the natural colour of earth mined diamonds while "chemical vapour deposition" (CVD), creates synthetic diamonds which are being sold as the genuine article throughout the world.

This tester can screen within seconds multiple diamonds to give you total peace of mind and assurance that your items are the total, natural genuine article

- Can tell earth mined diamonds from man made synthetic diamonds
- Can tell if diamonds have been treated
- Will flag synthetic diamonds which fool normal diamond testers
- Uses ultra violet short waves as opposed to the heat and electric conductvity used by normal diamond testers
- Colour range from D to J
- Test mounted or loose diamonds
- · High efficiency gem tester
- Simply place the stone, mounted or loose, in the machine, press the button and within seconds the LED panel shines red or green, giving you instant, reliable results
- Retractable thermoelectric probe tip that ensures constant pressure between probe tip and gemstone
- Industry's thinnest probe tip (0.48mm) for testing diamonds as small as 0.02ct
- Can test stones from 0.02 to 12ct
- LED indicator
- Metal alert LEDs with buzzer sound to ensure that probe tip is in contact with gemstone during testing
- Laser target pointer
- Easy-to-read analogue panel display
- No waiting time between tests
- Built-in diamond and simulant test discs for reference
- Powered by 4 x AAA batteries

Dimensions:

- 78 x 100 x 130mm (L x W X H)
- 295g

Code	Description	UOM	Price
T44180	SmartPro Screen-I	EACH	£430.00



GEMSTONE TESTING SYSTEM

SmartPro Gem Eye 1



SmartPro Gem Eye 1

A remarkably designed gemstone tester with a colour estimator display for smoothly and seamlessly testing your precious stones and diamonds.

The SmartPro Gem-Eye I was developed to distinguish between diamonds and its other simulants using the principles of thermal conductivity.

- Identifies metals, simulants & diamonds instantly via LED indicator along the top
- Will help the jeweller identify: Diamond, sapphire, emerald, jadeite, ruby, topaz, spinel & glass via a thermal conductivity reader
- Simple and easy to use
- Retractable thermoelectric probe tip that ensures constant pressure between probe tip and gemstone
- Industry's thinnest probe tip (Ø0.48mm) for testing diamonds as small as 1mm (0.01ct)
- LED indicator
- Metal alert LEDs with buzzer sound to ensure that probe tip is in contact with gemstone during testing
- Easy-to-read analogue panel display
- No waiting time between tests
- Built-in diamond and simulant test discs for reference
- Enhanced accuracy and consistency
- · Enhanced functionality and usability
- Clear and readable analogue panel display for ease of reading measurements
- Portable tester that can be used anywhere
- Battery or mains operated
- For calibration, trouble shooting & frequently asked questions (FAQ's) please see the PDF's available above
- Calibration can be required if the device is transported or moved from table to table

Includes:

- SmartPro Gem Eye 1
- Probe Pen
- Protective carrying case
- AC adapter
- Probe tip oxidation sheet (for cleaning the tip)

Code	Description	иом	Price
T44179	SmartPro Gem Eye 1	EACH	£165.00
P46121	Tip Oxidation Removal Paper	EACH	£0.75





DIAMOND, GEM & MOISSANITE TESTING RINGS

Testing Rings





Diamond, moissanite and gemstone testing rings

- · Ensure your tester accuracy with testing rings
- Genuine diamonds, moissanites and gemstones
- Excellent for shops and dealers when testing your customer's precious stones
- Further proof of your tester readings
- Engraved on the ring which stone is which
- SmartPro branded rings

T44182

• Diamond, Sapphire, Topaz, Spinel, Citrine, Aquamarine, Emerald, Garnet & Glass

T//121

• Diamond, Moissanite, Sapphire & Cubic Zirconia

Code	Description	иом	Price
T44182	Diamond & Gemstones Testing Ring	EACH	£395.00
T44181	Diamond & Moissanite Testing Ring	EACH	£335.00

GLASS CUTTING

CIRCULAR GLASS CUTTER

Glass Cutting Tool



- Circular Glass Cutter
- From Ø50mm to 405mm!

Please note wear safety goggles while operating your cutting tool.

Code	Description	иом	Price
C32060	Glass Cutting Tool, Indian	FACH	£9.95

Mineral Watch Glass Cutting Blanks

See Page 364



GLASS CUTTING MACHINES

Kronoglass



It manufactures crystals (both flat and convex) with tempered mineral glasses, synthetic sapphire, unbreakable material, virtually any shape can now be replaced.

This glass-cutting unit will make a new glass from the old glass, or from a resin pattern that can be quickly prepared by using the bezel as a template. The patterns can be used again and again and can be stored by case number for easy identification.

- The market leader equipment that lets you to grind to form a mineral watch glass according to a resin shape
- the unique glass or a print achieved with the help of the measuring device
- The machine works on a copying basis.... Very precise!
- One of the favourite unit to cut watch glasses in house
- Easy set up
- Offer fast glass cutting services for the trade and your customers
- For acrylic and mineral glass blanks please see the associated items below

Included:

- Main Reducing Diamond Wheel
- Interior Bevel Diamond Wheel
- Exterior Bevel Diamond Wheel
- Bevel Polishing Diamond Wheel

Supplied with:

- 1 kit for making watch glass patterns (gr. 200 of resin "K1" + gr. 250 of hardening liquid "K2")
- 1 bottle (gr. 250) of emulsible oil "K3"
- 1 bottle (gr. 50) of lubricating oil "K4"
- 1 corundum stone "K5"
- 60 mineral glass plates, Ø mm 40 (mm 0,7/0,9/1,1/1,3/1,5/1,8)
- 3 hexagonal keys (mm 2-2,5-4)
- 1 fixed key (mm 8-10)
- 1 convex glass holder

Click website "More Information" for full specification.

Code	Description	UOM	Price
G0702	Glass Cutting Machine, Kronoglass	EACH	£3,995.00
G7340	Complete Set of 4 Diamond Grinding Wheels	PACK*4	£845.00
G0711	Main Reducing Diamond Wheel	EACH	£244.95
G0713	Interior Bevel Diamond Wheel	EACH	£210.00
G0712	Exterior Bevel Diamond Wheel	EACH	£210.00
G0714	Bevel Polishing Diamond Wheel	EACH	£210.00
G7341	Foot Replacement For Kronoglass	EACH	£10.95
G7342	Lid Replacement For Kronoglass	EACH	£69.95
G20817	No 3A Replacement Part for Kronoglass	EACH	£29.95
G20816	No 4A Replacement Part for Kronoglass	EACH	£39.95
G7338	No 6 Replacement Part for Kronoglass	EACH	£29.65
G7343	No 8 Replacement Part for Kronoglass	EACH	£24.95

G20821	No 8A Replacement Part for Kronoglass	EACH	£9.95
G7344	No 15 Replacement Part for Kronoglass	EACH	£9.95
G20814	No 17 Replacement Part for Kronoglass	EACH	£29.95
G20815	No 26 Replacement Part for Kronoglass	EACH	£39.95
G0709	No 27 Replacement Part for Kronoglass	EACH	£21.95
G20820	No 29 Replacement Part for Kronoglass	EACH	£3.95
G20819	No 43 Replacement Part for Kronoglass	EACH	£9.95
G7337	No 44 Replacement Part for Kronoglass	EACH	£20.05
G20818	No 45 Replacement Part for Kronoglass	EACH	£9.95

GLASS CUTTING CONSUMABLES

Glass Cutting - K1 Resin

- For Kronoglass
- 1000gms
- For producing templates for glass cutting machine
- Mix with hardener K2 (G0705)



Code	Description	иом	Price
G0704	K1 Resin, Kronoglass	1KG	£59.95

Glass Cutting - K2 Hardening Liquid

- For Kronoglass
- 500ml
- For producing templates for glass cutting machine
- Mix with resin K1 (G0704)



Code	Description	иом	Price
G0705	K2 Hardening Liquid, Kronoglass	500ML	£27.95

Glass Cutting - K3 Emulsible Oil

- For Kronoglass
- 1000ml
- For glass cutting lubricant
- Mix tank with ³/₄ water with 500ml K3



Code	Description	иом	Price
G0706	K3 Emulsible Oil, Kronoglass	1LT	£44.95

Glass Cutting - K5 Corundum Stone

- For Kronoglass
- For fine hand grinding of glasses etc.



Code	Description	иом	Price
G0708	Corundum Stone for Kronoglass	EACH	£18.95

GRINDERS

Grinder - Einhell



This quality bench grinder is perfect for all engraving tool shaping requirements. Gravers come in a standard size and length so they have to be grinded down to specific hand size and shape.

Used also for shaping metal, removing unwanted solder, pre sharpening shears, knives, chisels, etc.

Features:

- Adjustable safety shield
- Adjustable work supports
- Inc. 1 coarse grinding/sanding wheel
- Inc. 1 fine grinding/sanding wheel
- Rubber feet for secure positioning

Technical:

- Power: 150w
- Speed: 2950rpm
- Running time 30 minutes
- \bullet Grinding/sanding wheel: 150 x 12.7 x 16mm
- Packed weight: 6.2kg

Code	Description	UOM	Price
B33154	Einhell Double Bench Grinder	EACH	£29.95

Grinder - Manual



This manual bench grinder is perfect for all engraving tool shaping requirements. Gravers come in a standard size and length so they have to be grinded down to specific hand size and shape.

Used also for shaping metal, removing unwanted solder, pre sharpening shears, knives, chisels, etc.

- Fixes to work bench
- Portable

- Great for smaller working spaces
- · Controlled arinding
- Supplied with Grindwell Norton grinding stone, Ø100mm

Dimensions

- 190 x 130 x 130 (H x W x D) (without handle)
- Stone Ø100mm
- 1.4Kg

Code	Description	UOM	Price
G39502	Bench Grinder, Manual	EACH	£15.95

LATHES

BERGEON LATHE

Bergeon 5412C Lathe



The complete Bergeon tales with a full accomplishment of accessories

- · Electronic speed with variable control
- · Motor with variable speed foot switch
- Full range of ring step chucks
- Full range of standard step chucks
- Compound slide rest Milling attachment
- Universal 3 jaw reversible chuck
- Drilling tailstock
- · 3 jaw face plate
- Runners, cutter mandrel, stakeholders
- Delivered on wooden base
- · All accessories included in wooden draw
- 545 x 545 x 160mm base
- 220 to 240 Volt (if you require a different voltage, please submit an online support request under "products and stock – new item requests (excluding watch & clock parts by brand and movements)")

Lathe includes:

- Set of 68 American chucks, sizes Ø0.50 to Ø7.20mm (Bergeon 1766.21S)
- Set of 5 step chucks, sizes Ø5 to Ø23mm (Bergeon 1766.23S)
- Set of 5 ring step chucks, sizes Ø5 to Ø23mm (Bergeon 1766.24S)
- Set of 10 crown chucks, sizes Ø5 to Ø14mm (Bergeon 1766.22S)
- 1 milling cutter holder (Bergeon 1766.27)
- 1 box chuck with 8 clamping screws, maximum capacity Ø13mm (Bergeon 1766.25)
- 1 grinding wheel arbor (Bergeon 1766.26)
- 1 Jacobs chuck, capacity Ø0 to Ø4mm (Bergeon 1766.28)
- 1 tapered thread chuck (Bergeon 1766.20)
- 1 Jacob drum with 18 grooves (Bergeon 1766.33)
- Set of 2 stake holders (Bergeon 1766.36)

- Universal runner for fitting clock and watch pivots (Bergeon 1766.31)
- Combined runner (Bergeon 1766.34)
- Stake holder with 10 stakes (Bergeon 1766.35)
- Roller rest (Bergeon 1766.39)
- Tool post with 6 cutters (Bergeon 1766.39)
- Self centring chuck Ø70mm (Bergeon 1766.15)
- Universal self centring chuck (Bergeon 1766.16)
- 3 jaw face plate (Bergeon 1766.19)
- Carrier chuck (Bergeon 1766.30)
- Centring plate with 10 holes (Bergeon 1766.32)
- Set of 6 wax chucks (Bergeon 1766.34A)
- Motor (Bergeon 6800)

Code	Description	иом	Price
L7538	Lathe - Bergeon 5412C	EACH	£28,995.00

BERGEON LATHE ACCESSORIES

Lathe 3-Jaw Face Plate



Bergeon 1766-19

• 3-Jaw face plate with centre, to be fitted to the headstock no.1

Code	Description	иом	Price
176619	Lathe 3-Jaw Face Plate	EACH	£925.00

Lathe 3-Jaw Self Centring Chuck



Bergeon 1766-15

- · Self centring chuck with 3 jaws
- Reversible jaws enabling the workpiece to be gripped externally
- Overall diameter Ø70mm
- Shank: Ø8mm

Can be used with lathes:

- Bergeon
- Boley
- Favorite
- Leinen
- Schaublin • Star
- Description 176615 Lathe 3-Jaw Self Centring Chuck EACH £1,395.00

Lathe Box Chuck



Bergeon 1766-25

- Box chuck with 8 clamping screws
- Maximum capacity 13mm

Code	Description	иом	Price
176625	Lathe Box Chuck	EACH	£97.50

Lathe Carrier Chuck





Bergeon 1766-30

· Carrier chuck with male and female centres, for fitting to the headstock

Code	Description	иом	Price
176630	Lathe Carrier Chuck	EACH	£169.95

Lathe Centring Plate with 10 Tapered Holes



Bergeon 1766-32

- Centring plate with 10 tapered holes
- Diameters 1 to 3mm of medium and large diameters, for clockmaking
- Fitted to the universal runner, for special work

Code	Description	иом	Price
176632	Lathe Centring Plate With 10 Tapered Holes	EACH	£220.00

Lathe Chuck Set



Bergeon 1766.28S

Four piece set comprising:

- Bergeon 1766-25 Box chuck with 8 screws
- Bergeon 1766-26 Grinding wheel holder
- Bergeon 1766-28 Jacobs chuck and key
- Bergeon 1766-20 Flanged collet with wood screw
- Presented on a wooden stand

Code	Description	UOM	Price
176628S	Lathe Chuck Set	PACK*4	£450.00

Lathe Combined Runner 1766-34



Bergeon 1766-34

- · Combined runner with slide
- For fitting to the fixed tailstock
- One Ø12mm diameter pulley
- One Ø16mm diameter pulley
- 10 small stakes
- 1 key

This runner can be fitted in any position required by the watchmaker.

Code	Description	иом	Price
176634	Lathe Combined Runner 1766-34	EACH	£950.00

Lathe Combined Runner 1766-34A



Bergeon 1766-34A

Similar to No 34, but for fitting to the headstock No 1, instead of a split chuck. It is necessary to lock the headstock by the index.

- Combined runner with slide
- For fitting to the fixed tailstock
- One Ø12mm diameter pulley
- One Ø16mm diameter pulley
- 10 small stakes
- 1 key

Code	Description	иом	Price
176634A	Lathe Combined Runner 1766-34A	EACH	£950.00



Lathe Combined Runner 1766-34S



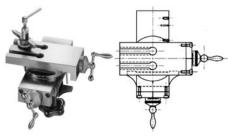
Bergeon 1766-34S

- Combined runner with slide
- For fitting to the fixed tailstock
- One Ø12mm diameter pulley
- One Ø16mm diameter pulley
- 10 small stakes
- 1 kev
- On Wooden Stand

This runner can be fitted in any position required by the watchmaker.

Code	Description	UOM	Price
176634S	Lathe Combined Runner 1766-34S	EACH	£795.00

Lathe Compound Slide Rest



Bergeon 5412-7

- Compound slide rest
- With micrometer screws and vernier (graduated in 0.02mm divisions)
- Covered and ground slide surfaces
- \bullet 180° angular rotation on graduated ring
- Supplied with one tool post and one turning tool

Code	Description	UOM	Price
54127	Lathe Compound Slide Rest	EACH	£3,995.00

Lathe Crown Chucks



Bergeon 1766-22S (set)
Bergeon 1766-22 +Size (individuals)

- Set of 10 crown chucks
- Plus 1 milling cutter holder (1766-27)
- Shank Ø8mm
- Bore diameter from Ø5mm to 14mm in 1mm graduations
- On wooden stand

Code	Description	UOM	Price
176622S	Set of Lathe Crown Chucks	PACK*11	£850.00
17662205	Ø5mm Bore Lathe Crown Chuck	EACH	£84.95
17662206	Ø6mm Bore Lathe Crown Chuck	EACH	£84.95
17662207	Ø7mm Bore Lathe Crown Chuck	EACH	£84.95
17662208	Ø8mm Bore Lathe Crown Chuck	EACH	£84.95
17662209	Ø9mm Bore Lathe Crown Chuck	EACH	£84.95
17662210	Ø10mm Bore Lathe Crown Chuck	EACH	£84.95
17662211	Ø11mm Bore Lathe Crown Chuck	EACH	£84.95
17662212	Ø12mm Bore Lathe Crown Chuck	EACH	£84.95
17662213	Ø13mm Bore Lathe Crown Chuck	EACH	£84.95
17662214	Ø14mm Bore Lathe Crown Chuck	EACH	£84.95

Lathe Divided Plate

Bergeon 1766-14

- Divided plate
- Diameter Ø160mm
- Brass
- To fit headstock No.1
- For cutting pinions, wheels etc.
- Number of holes: 45, 54, 58, 70, 76, 80, 100, 132,144,150, 156, 168, 180, 192 & 204



Code	Description	иом	Price
176614	Lathe Divided Plate	EACH	£999.95

Lathe Drilling Runner

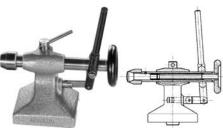


Bergeon 1766-01A

• For chucks Ø 8mm

Code	Description	иом	Price
17661A	Lathe Drilling Runner	EACH	£245.00

Lathe Drilling Tailstock



Bergeon 5412-5

- Lathe drilling tailstock
- Adjustable drilling runner to take split chucks
- For Shank diameters of Ø8mm

Code	Description	UOM	Price
54125	Lathe Drilling Tailstock	EACH	£1,250.00

Lathe Driver Opener



Work-driver opener

- Precision made Drivers
- For items that are held at either end to enable the pieces to be turned / spun in a lathe

- Ø0.25 to Ø1.10mm
- 12 pieces
- Wooden Base
- Bergeon 30090

Code	Description	UOM	Price
D0456	Lathe Drivers, Bergeon 30090	PACK*13	£169.95

Lathe Drivers



- Assortment of 12 work drivers
- Bergeon 30091-A
- Includes (small hole diameters x big hole diameters): Ø0.25 x 0.30, 0.32 x 0.35, 0.35 x 0.38, 0.40 x 0.45, 0.45 x 0.50, 0.55 x 0.60, 0.65 x 0.70, 0.70 x 0.75, 0.75 x 0.80, 0.85 x 0.90, 0.95 x 1.00 & 1.05 x 1.10mm

Code	Description	UOM	Price
D46469	Lathe Drivers, Bergeon 30091A	PACK*12	£75.95

Lathe Foot Control

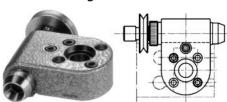


Bergeon 6800R

- Reverse action, even on full speed
- Number of turns adjustment
- Motor stop on/off

Code	Description	иом	Price
6800R	Lathe Foot Control	EACH	£285.00

Lathe Grinding Attachment



Bergeon 5412-10

- Grinding attachment
- To take split chucks with a shank diameter of Ø8mm
- \bullet For fitting to compound slide rests (5412-07 & 5412-08)

(This accessory is supplied with milling attachment 5412-09)

Code	Description	UOM	Price
541210	Lathe Grinding Attachment	EACH	£1,599.95

Lathe Grinding Wheel Holder



Bergeon 1766-26

- · Grinding wheel holder
- For grinding wheel fitting diameter Ø10mm

Code	Description	UOM	Price
176626	Lathe Grinding Wheel Holder	EACH	£39.95

Lathe Jacob Drum with Grooves



Bergeon 1766-33

- 1 Jacob's drum (1766-33) with 18 grooves (Ø0.35 to 1.40mm) for burnishing pivots of larger clocks and instruments
- For fitting to the universal runner

Code	Description	иом	Price
176633	Lathe Jacob Drum with Grooves	EACH	£455.00

Lathe Jacob Drum with Grooves (set)



Bergeon 1766-33S

Colntains:

- 1 Jacob's drum (1766-33) with 18 grooves (Ø0.35 to 1.40mm) for burnishing pivots of larger clocks and instruments
- (Fits to the) Universal runner (1766-31)
- 2 stake holders (1 centred and 1 eccentric (1766-36)
- On wooden stand

Code	Description	иом	Price
176633S	Lathe Jacob Drum with Grooves (set)	EACH	£1,349.95

Lathe Jacob's Chuck

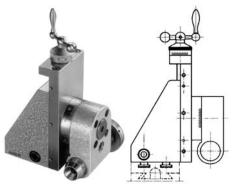


Bergeon 1766-28

- Jacob's chuck, with key
- Shank diameter Ø8mm
- Capacity 0 to 4mm
- External chuck diameter Ø23.5mm
- This type of chuck cannot be substituted for a split chuck, for it is less precise, but it is most useful for the rapid fitting up of large diameter drills

Code	Description	иом	Price
176628	Lathe Jacob's Chuck	EACH	£199.00

Lathe Milling Attachment



Bergeon 5412-09

- Milling attachment to take split chucks with a shank diameter of Ø8mm
- Micrometer screw and vernier (graduated in 0.02mm divisions)
- Covered and ground slide surfaces
- 90° degree angular rotation on graduated ring
- The milling attachment can be fitted to compound slide rest (5412-07 & 5412-08)
- Possibility of machining vertically or horizontally

Code	Description	иом	Price
54129	Lathe Milling Attachment	EACH	£2.695.00

Lathe Milling Cutter Holder

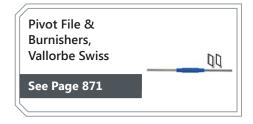


Bergeon 1766-27

- Milling cutter holder
- Fitting diameter Ø5mm

Code	Description	иом	Price
176627	Lathe Milling Cutter Holder	EACH	£65.20





Lathe Motor with Electronic Control



Bergeon 16800

- Electronically controlled motor with constant torque and intermediate reverse
- Emergency stop safety feature
- Modern conception
- Fitted out with a separate electronic speed control
- Tension of the driving-belt adjustable by motor displacement
- Intermediate countershaft adjustable
- Sites for tightener countershaft
- Adjustable speed from 100 to 4000 t/min.
- Power: 120 W at 3000 t/min.
- Number of turns adjustment by switch
- · Electronic display of turns number
- 115 to 230 volt
- Bergeon Swiss

Code	Description	иом	Price
6800	Lathe Motor with Electronic Control	EACH	£3,195.00

Lathe Pivot Polisher & Grinder for Clocks



- Apparatus for grinding and polishing clock pivots
- Can be fixed to the tailstock of any lathe with a Ø8mm chuck
- Universal mobile support and micrometric scale allowing the setting of pivots from Ø1 to 4mm
- Supplied with Wildia grinding wheel
- Bergeon 5972
- Bergeon 5972.D

Code	Description	иом	Price
L45754	Pivot Polisher for Clocks, Bergeon 5972	EACH	£2,085.00
L45755	Widia Grinding Wheel, Bergeon 5972D	EACH	£425.00

WD40 Lub See Page 1180

Lathe Ring Step Chuck



Bergeon 1766-24S (set) Bergeon 1766-24A to E (individuals)

- Ring step conical chucks
- · On wooden stand
- To hold workpieces from Ø4.8 to Ø23.2mm in diameter
- Shank diameter 8mm

Code	Description	иом	Price
176624S	Set of Lathe Ring Step Chucks	PACK*5	£650.00
176624DI48	Ø4.8 to Ø22.8mm Ring Step Chuck	EACH	£144.95
176624DI52	Ø5.2 to Ø23.2mm Ring Step Chuck	EACH	£144.95
176624DI56	\varnothing 5.6 to \varnothing 21.6mm Ring Step Chuck	EACH	£144.95
176624DI60	Ø6.0 to Ø22.0mm Ring Step Chuck	EACH	£144.95
176624DI64	Ø6.4 to Ø22.4mm Ring Step Chuck	EACH	£144.95

Lathe Roller Rest



Bergeon 1766-37

- Roller rest with hardened roller
- · For fitting to the hand rest

Code	Description	UOM	Price
176637	Lathe Roller Rest	EACH	£95.00

Lathe Saw Table



Bergeon 1766-38

- Saw table
- For fitting to the hand rest

Code	Description	иом	Price
176638	Lathe Saw Table	EACH	£74.95

Lathe Stake Holders



Bergeon 1766-36

- Set of 2 stake holders
- One centred & one eccentric
- For fitting to runner (1766-35)
- To take the small stakes used with runner 1766-34

Code	Description	иом	Price
176636	Lathe Stake Holders	PACK*2	£199.95

Lathe Stake Holder Runner with 10 Stakes



Bergeon 1766-35

- Stake Holder Runner
- · With 10 Stakes
- For fitting to the tailstock

Code	Description	иом	Price
176635	Lathe Stake Holder Runner with 10 Stakes	EACH	£850.00

Lathe Stake Holder Runner with 10 Stakes, on Stand



Bergeon 1766-35S

- Stake Holder Runner
- With 10 Stakes
- For fitting to the tailstock
- On wooden stand

Code	Description	иом	Price
176635S	Lathe Stake Holder Runner with 10 Stakes, on Stand	EACH	£850.00





Lathe Step Chuck



Bergeon 1766-23A (set without base) Bergeon 1766-23S (with base) Bergeon 1766-23A to E (individually)

- Lathe Step Chucks
- Concave
- Shank Ø8mm
- To hold barrels, wheels etc.
- From Ø5.6mm to Ø23.2mm

Code	Description	иом	Price
176623A	Lathe Step Chucks Set of 5pcs Without Base	PACK*5	£565.00
176623S	Set of Lathe Step Chucks with Base	PACK*5	£665.00
176623DI48	Ø4.8 to 22.8mm Concave Step Chuck	EACH	£134.95
176623DI52	Ø5.2 to 23.2mm Concave Step Chuck	EACH	£134.95
176623DI56	Ø5.6 to 21.6mm Concave Step Chuck	EACH	£134.95
176623DI60	Ø6.0 to 22.0mm Concave Step Chuck	EACH	£134.95
176623DI64	Ø6.4 to 22.4mm Concave Step Chuck	EACH	£134.95

Lathe Tailstock (Adjustable)



Bergeon 5412-4

- Adjustable tailstock spindle with male and female centres
- Bore diameter 7mm

Code	Description	иом	Price
54124	Lathe Adjustable Tailstock	EACH	£1,200.00





Lathe Tension Attachment for Motor



Bergeon 30535-C

- Tension attachment for Bergeon motor
- Is indispensable when using the milling attachment No 12 or the grinding attachment No 13
- The two pulleys are fitted with ball bearings
- Delivered with 5m of plastic drive belt Ø4 mm

Code	Description	иом	Price
30535C	Lathe Tension Attachment for Motor	EACH	£695.00

Lathe Tool Post



Bergeon 1766-39

- Tool post with 6 cutters and clamping key
- For fitting to the slide rest 1766-11

Code	Description	иом	Price
176639	Lathe Tool Post	EACH	£795.00

Lathe Tool Post Set



Bergeon 1766-39S

Contains:

- Tool post with 6 cutters and clamping key (1766-39)
- Roller rest with hardened roller (1766-37)
- Saw table for fitting to the hand rest (1766-38)
- On a wooden stand

Code	Description	иом	Price
176639S	Lathe Tool Post Set	EACH	£945.00



Lathe T-Rest



Bergeon 1766-6 (A & B)

- T- Rest
- · Swing Over
- 10mm & 25mm Wide

Code	Description	UOM	Price
17666A	Lathe Spare T-Rest Width 10mm	EACH	£28.95
17666B	Lathe Spare T-Rest Width 25mm	EACH	£29.95

Lathe T-Rest with 2 Inserts



Bergeon 5412-6

- T- Rest
- With 2 inserts (12 and 25mm in width)
- Fitting diameter Ø6mm
- Reversible upper portion

Code	Description	UOM	Price
54126	Lathe T-Rest with 2 Inserts	EACH	£560.00

Lathe Universal Runner



Bergeon 1766-31

Contains:

- Centring plate, with tapered holes from 0.15 to 1.40mm and 8 points from 0.15 to 0.50mm
- Double centring runner
- Centring run for countersinking
- Drillstock runner for Ø1mm drills
- Drillstock runner for Ø1.5mm drills
- Clamping key

The universal runner is used for fitting clock and watch pivots, a skilled worker can fit pivots measuring as little as 0.15mm.

PACK*40 **£1,995.00**

Two operations are generally used for this work:

- 1. Choose a drill that fits easily into the selected hole of centring plate
- 2. Mark the centre with the centring runner, then drill with a bit that is smaller than the hole selected, in either case, lubricate generously
- The countersink stakes must be ground accurately on the centre with an Arkansas stone

Code	Description	ИОМ	Price
176631	Lathe Universal Runner	EACH	£750.00

Lathe Universal Chucks



Bergeon Universal Self Centering Chucks

- Overall diameter 70mm
- 6 Jaws

Bergeon 1766-17 (Stepped chuck to grip externally) Bergeon 1766-16 (Stepped chuck to grip internally or externally, 3 steps)

Bergeon 1766-18 (Stepped chuck to grip internally, 4 steps)

Can be used with lathes:

- Bergeon
- Boley
- Favorite
- Leinen
- Schaublin
- Star

Code	Description	иом	Price
176617	Lathe Universal Step Chuck	EACH	£1,395.00
176616	Lathe Universal Ring Chuck, 3 steps	EACH	£1,495.00
176618	Lathe Universal Ring Chuck, 4 steps	EACH	£1,395.00

Lathe Wax Chuck



Bergeon 1766-29

- Brass wax chucks x5
- Steel adaptor x1
- Chuck diameters: Ø4, 5, 7, 14.5 & 19.5mm

Code	Description	иом	Price
176629	Set of Brass Wax Chucks and Steel Adaptor	PACK*6	£179.95
176629A	Lathe Steel Adaptor	EACH	£89.05
176629B	Ø4.0mm Lathe Brass Wax Chuck	EACH	£12.94
176629C	Ø5.0mm Lathe Brass Wax Chuck	EACH	£12.94
176629D	Ø7.0mm Lathe Brass Wax Chuck	EACH	£12.94
176629E	Ø14.5mm Lathe Brass Wax Chuck	EACH	£14.24
176629F	Ø19.5mm Lathe Brass Wax Chuck	EACH	£24.50

Lathe Wheel Holding Chuck



Bergeon 1766- (61 & 62)
• Chucks for holding wheels to be cut

- Studied for controlling teeth on the depth tool without taking off the wheel
- · For reaming wheel
- Diameters Ø3mm & Ø5mm

Code	Description	иом	Price
176661	Ø3mm Holding Wheel Chuck	EACH	£86.95
176662	Ø5mm Holding Wheel Chuck	EACH	£86.95

Lathe Wooden Stand



Bergeon 5412-S

- Covered with green hard plastic
- 4 rubber feet
- 2 drawers (without accessories)
- Dimensions 545 x 545 x 160mm

Code	Description	UOM	Price
5412S	Lathe Wooden Stand	EACH	£1,195.00

BERGEON LATHE COLLETS

Lathe Collets



Bergeon 1766- (+size)

- American chucks
- Made by Bergeon
- Shank Ø8mmVery fine quality

Can be used with lathes:

- Bergeon
- Boley
- FavoriteLeinen
- Schaublin
- Star

Contains:

Bergeon 1766-21A - 20 pieces Ø0.50, 0.80, 1.0, 1.2, 1.5, 1.8, 2.0, 2.2, 2.5, 2.8, Ø3.0, 3.2, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5 & 7.0mm

Bergeon 1766-21F - 20 pieces Ø0.50, 0.60, 0.80, 1.0, 1.2, 1.4, 1.6, 1.8, 2.0, 2.2, Ø2.4, 2.5, 2.6, 2.8, 3.0, 3.2, 3.4, 3.6, 3.8 & 4.0mm

Bergeon 1766-21B - 40 pieces Ø0.5, 0.6, 0.8, 1.0, 1.2, 1.4, 1.5, 1.6, 1.8, 2.0 Ø2.2, 2.4, 2.5, 2.6, 2.8, 3.0, 3.2, 3.4, 3.5, 3.6, 3.8 Ø4.0, 4.2, 4.4, 4.5, 4.6, 4.8, 5.0, 5.2, 5.4, 5.5. 5.5 Ø5.6, 5.8, 6.0, 6.4, 6.5, 6.6, 6.8, 7.0 & 7.2 mm

Bergeon 1766-21S - 68 pieces Ø0.5mm to Ø7.2mm

Code	Description	иом	Price
176621A	Set of Lathe Collets Bergeon 1766-21A	PACK*20	£1,295.00
176621F	Set of Lathe Collets Bergeon 1766-21F	PACK*20	£1,695.00

1766215	Set of Lathe Collets Bergeon 1766-21S	PACK*68	£3,950.0
L7539A	Ø0.10mm Lathe Collet	EACH	£399.95
L7539B	Ø0.20mm Lathe Collet	EACH	£399.95
L7539C	Ø0.30mm Lathe Collet	EACH	£399.95
L7539D	Ø0.40mm Lathe Collet	EACH	£365.00
L7539E	Ø0.50mm Lathe Collet	EACH	£110.00
L7539F	Ø0.60mm Lathe Collet	EACH	£110.00
L7539G	Ø0.70mm Lathe Collet	EACH	£110.00
L7539H	Ø0.80mm Lathe Collet	EACH	£110.00
L7539I	Ø0.90mm Lathe Collet	EACH	£110.00
L7539J	Ø1.00mm Lathe Collet	EACH	£79.95
L7539K	Ø1.10mm Lathe Collet	EACH	£79.95
L7539L	Ø1.20mm Lathe Collet	EACH	£79.95
L7539M	Ø1.30mm Lathe Collet	EACH	£79.95
L7539N	Ø1.40mm Lathe Collet	EACH	£79.95
L75390	Ø1.50mm Lathe Collet	EACH	£59.95
L7540A	Ø1.60mm Lathe Collet	EACH	£59.95
L7540B	Ø1.70mm Lathe Collet	EACH	£59.95
L7540C	Ø1.80mm Lathe Collet	EACH	£59.95
L7540D	Ø1.90mm Lathe Collet	EACH	£59.95
L7540E	Ø2.00mm Lathe Collet	EACH	£59.95
L7540F	Ø2.10mm Lathe Collet	EACH	£59.95
L7540G	Ø2.20mm Lathe Collet	EACH	£59.95
L7540H	Ø2.30mm Lathe Collet	EACH	£59.95
L7540I	Ø2.40mm Lathe Collet	EACH	£59.95
L7540J	Ø2.50mm Lathe Collet	EACH	£59.95
L7540K	Ø2.60mm Lathe Collet	EACH	£59.95
L7540L	Ø2.70mm Lathe Collet	EACH	£59.95
L7540M	Ø2.80mm Lathe Collet	EACH	£59.95
L7540N	Ø2.90mm Lathe Collet	EACH	£59.95
L75400	Ø3.00mm Lathe Collet	EACH	£53.95
L7541A	Ø3.10mm Lathe Collet	EACH	£53.95
L7541B	Ø3.20mm Lathe Collet	EACH	£53.95
L7541C L7541D	Ø3.30mm Lathe Collet Ø3.40mm Lathe Collet	EACH EACH	£53.95
L7541D L7541E	Ø3.50mm Lathe Collet	EACH	£53.95
L7541E L7541F	Ø3.60mm Lathe Collet	EACH	£53.95
L7541F	Ø3.70mm Lathe Collet	EACH	£53.95
L7541H	Ø3.80mm Lathe Collet	EACH	£53.95
L7541I	Ø3.90mm Lathe Collet	EACH	£53.95
L7541J	Ø4.00mm Lathe Collet	EACH	£53.95
L7541K	Ø4.10mm Lathe Collet	EACH	£53.95
L7541L	Ø4.20mm Lathe Collet	EACH	£53.95
L7541M	Ø4.30mm Lathe Collet	EACH	£53.95
L7541N	Ø4.40mm Lathe Collet	EACH	£53.95
L75410	Ø4.50mm Lathe Collet	EACH	£53.95
L7542A	Ø4.60mm Lathe Collet	EACH	£53.95
L7542B	Ø4.70mm Lathe Collet	EACH	£53.95
L7542C	Ø4.80mm Lathe Collet	EACH	£53.95
L7542D	Ø4.90mm Lathe Collet	EACH	£53.95
L7542E	Ø5.00mm Lathe Collet	EACH	£53.95
L7542F	Ø5.10mm Lathe Collet	EACH	£53.95
L7542G	Ø5.20mm Lathe Collet	EACH	£53.95
L7542H	Ø5.30mm Lathe Collet	EACH	£53.95
L7542I	Ø5.40mm Lathe Collet	EACH	£53.95
L7542J	Ø5.50mm Lathe Collet	EACH	£53.95
L7542K	Ø5.60mm Lathe Collet	EACH	£53.95
L7542L	Ø5.70mm Lathe Collet	EACH	£53.95
L7542M	Ø5.80mm Lathe Collet	EACH	£53.95
L7542N	Ø5.90mm Lathe Collet	EACH	£53.95
L75420	Ø6.00mm Lathe Collet	EACH	£53.95
L7543A	Ø6.10mm Lathe Collet	EACH	£53.95
L7543B	Ø6.20mm Lathe Collet	EACH	£53.95
L7543C	Ø6.30mm Lathe Collet	EACH	£53.95
L7543D	Ø6.40mm Lathe Collet	EACH	£53.95
L7543E	Ø6.50mm Lathe Collet	EACH	£53.95
L7543F	Ø6.60mm Lathe Collet	EACH	£53.95
L7543G	Ø6.70mm Lathe Collet	EACH	£53.95
L7543H	Ø6.80mm Lathe Collet	EACH	£53.95
L7543I	Ø7.00mm Lathe Collet	EACH	£53.95
L7543J	Ø7.10mm Lathe Collet	EACH	£53.95
L7543K	Ø7.20mm Lathe Collet	EACH	£53.95

Set of Lathe Collets Bergeon

176621B

STAR LATHE & CCESSORIES

Star Watchmakers Lathe



Swiss Made Watchmakers' Lathe, in fully Nickled Steel. Adjustment of 8 mm.

- Headrest with Two Posts
- Lathe Bar (length 250 mm)
- Headstock
- Moveable Feel
- Moveable Tailstock
- Motor Not Supplied

Accessories

- Set of ten American chucks 0.5 to 2.20 mm.
- Five assorted brass wax chucks with steel aperture.
- Set of five step chucks and two pivot guard runners.

Code	Description	ИОМ	Price
L4832	Star Watchmakers Lathe	EACH	£2,995.00

American Chucks, 0.50 to 2.20mm



Star - Swiss Made

- Finest Quality
- High Precision
- Accessory to Lathe L4832
- Adjustment 8mm
- Star Interchangeable

Code	Description	UOM	Price
L48198	American Chucks, 0.50 to 2.20mm	PACK*10	£1,050.00

Hand Rest with 2 Posts



Star - Swiss Made

- · Finest Quality
- · High Precision
- Accessory to Lathe L4832
- Adjustment 8mm

· Star Interchangeable

Code	Description	UOM	Price
L48195	Hand Rest with 2 Posts	EACH	£249.95

Headstock



Star - Swiss Made

- · Finest Quality
- High Precision
- Accessory to Lathe L4832
- Adjustment 8mm
- Star Interchangeable

Code	Description	UOM	Price
L48193	Headstock	EACH	£1,195.00

Hand Rest, 16mm Small

Star - Swiss Made

- Finest Quality
- High Precision
- Accessory to Lathe L4832
- Adjustment 8mm
- Star Interchangeable

Code	Description	иом	Price
L48361	Hand Rest, 16mm Small	EACH	£21.95

Hand Rest, 26mm Large

Star - Swiss Made

- Finest Quality
- High Precision
- Accessory to Lathe L4832
- Adjustment 8mm
- · Star Interchangeable

	_		
Code	Description	иом	Price
L48362	Hand Rest, 26mm Large	EACH	£24.95

Foot, Movable

Star - Swiss Made

- · Finest Quality
- High Precision
- Accessory to Lathe L4832
- Adjustment 8mm
- Star Interchangeable



Code	Description	иом	Price
L48196	Foot, Movable	EACH	£165.95



Lathe Bar, Length 250mm



Star - Swiss Made

- Finest Quality
- High Precision
- Accessory to Lathe L4832
- Adjustment 8mm
- Star Interchangeable

Code	Description	иом	Price
L48197	Lathe Bar, Length 250mm	EACH	£156.95

Runner with Double Pivot Guards



Star - Swiss Made

- · Finest Quality
- · High Precision
- Accessory to Lathe L4832
 Adjustment 8mm
- Star Interchangeable

Code	Description	UOM	Price
L48201	Runner with Double Pivot Guards	EACH	£42.95

Runner with Centering Points



Star - Swiss Made

- · Finest Quality
- · High Precision
- Accessory to Lathe L4832
- Adjustment 8mm
- Star Interchangeable

Code	Description	UOM	Price
L48202	Runner with Centering Points	EACH	£39.95

Step Chucks



Star - Swiss Made

- Finest Quality
- · High Precision
- Accessory to Lathe L4832
 Adjustment 8mm
- Star Interchangeable

Code	Description	иом	Price
L48200	Step Chucks	PACK*5	£319.95





Tailstock, Movable



Star - Swiss Made

- · Finest Quality
- High Precision
- Accessory to Lathe L4832
- Adjustment 8mm
- Star Interchangeable

Code	Description	ИОМ	Price
L48194	Tailstock, Movable	EACH	£349.95

Wax Chucks (Brass) with Steel Adaptor, Assorted



Star - Swiss Made

- · Finest Quality
- · High Precision
- Accessory to Lathe L4832
- Adjustment 8mm
- Star Interchangeable

Code	Description	иом	Price
L48199	Wax Chucks (Brass) with Steel Adaptor, Assorted	PACK*5	£155.75

LATHE BELTING

Lathe Belting (also for **Rota Barrel Drums**)



- · Plastic, joinable
- Ø2, 3, 4 & 5mm
- Supplied cut to your required length
- Can be joined by using a heated knife to melt the ends of the belting
- Ø5mm is ideal for Rota Barrel Drums (B4896 series)

Code	Description	иом	Price
L43279	Ø2mm Lathe Belting	1 Metre	£1.95
L0899	Ø3mm Lathe Belting	1 Metre	£2.50

L0900 Ø4mm Lathe Belting 1 Metre **£3.75** L0901 Ø5mm Lathe Belting

LIGHTING

LAMPS

Good lighting is very important, Cousins Material House's large range of lamps all omit Natural Daylight Simulation.

Take a look at our lamps and will soon become your best partner for all your projects! Using a Daylight Simulation lamp you will find -

- Excellent colour matching allows exact colour matching at any time of the day or night
- Perfect clarity high levels of contrast ideal for detailed tasks
- Relaxing on the eyes greater comfort allowing tasks to be carried out for longer
- Shadow free light with low heat emission

Bonsai - Clock & watch making - Electronics Optical repairs - Air brushing - Cake decorating

Computer repairs - Engraving - Painting Art & Graphics - Camera repairs - Crafts Fly typing - Reading - Archaeology Carving - Diy - Jewellery making Sculpture - Automotive - Ceramics Dental Labourites - Wax modelling - Sewing Beauty - Chiropody - Doll house & miniatures Nail painting - Stamp collecting

<u>LED Bench Light</u>



LED Bench Light

- 84 chip LEDs
- LED lifetime approx. 20,000 hours
- · Brilliantly bright
- 6000 to 7000 Kelvin, approx.
- · Multifunction control, can use one strip or two
- · Dimmer control gives you full flexibility
- 21 Watts
- Ø13mm post
- · Bench clamp included
- Head size 600mm x 90mm (approx.)

Code	Description	ИОМ	Price
L38988	LED Bench Lamp	EACH	£79.95
L48840	LED Replacement Strip	EACH	£38.75

Tungsten Carbide Drills See Page 838

LED Multi Function Smart Light



LED Multi Function Smart Light

- Has 4 automatic light temperature control modes
- Pick either jewellery, diamond, jadeite or gemstone mode
- · Gives the ideal lighting to view precious items, whether in the workshop or showroom
- Touch button control
- Lighting colour varies from 2500 Kelvin to 7000 Kelvin
- Includes daylight function
- 18 LEDs
- Lamp brightness can be adjusted via touch button control
- · Includes timer setting, turns the light off automatically after 60 minutes
- · Includes USB interface for charging other equipment including phones, MP3s etc
- Lamp post can spin 180° degrees
- Lamp arm can bend up to 40° degrees
- Light panel can bend up to 140° degrees
- Includes base
- 240 volt

Dimensions:

- Base: 170 x 180mm
- · Lamp: 320mm tall
- Lamp top section (including light panel): 340mm

Code	Description	иом	Price
L45573	LED Multi Function Smart Light	EACH	£52.95

LED & Magnifying Lens Bench Lamp



LED & Magnifying Lens Bench Light

- Lens: 175mm x 130mm lens, 3 dioptre (1.75x mag)
- Supplied with screw on clamp for work benches
- Lamp head can rotate 360 degrees
- · Dimmer control gives you full flexibility

- Option to light either right side or left side individually
- Shadow free light with no heat emission
- · Lens protected with a hinged cap
- White colour

Code	Description	иом	Price
L44289	LED & Magnifying Lens Bench Light	EACH	£82.95

Tube Bench Lights, Daylight

Why choose Daylight?

- Natural daylight simulation
- · Excellent colour matching
- · Perfect clarity
- Relaxing on the eyes
- Includes table clamp mounting bracket
- Free standing bases available, please see code L2009
- Head size 500mm x 150mm (approx.)
- 5500 to 6000 kelvin (matching daylight)
- 240 volt

Twin Tube Daylight Bench Lamp



- 2 x15 watt, 45cm daylight fluorescent tubes
- · Shadow free illumination of large work surfaces
- Robust metal construction with standard table clamp
- Daylight with no heat emission
- Lamp includes table clamp

Replacement Flurescent Tube L2004 Replacement Starter L13735

Code	Description	иом	Price
L19529	Twin Tube Daylight Bench Lamp	EACH	£53.95

Triple Tube Daylight Bench Lamp



- White
- 3 Tubes 14W
- · Lamp head length 61cm
- Width 11cm
- Height 6cm
- 4 Strong arms
- Electronic ballast Lamp includes table clamp

Replacement Fluorescent Tube L19973 (Internal Circuit, No Starter)

Code	Description	UOM	Price
L19824	Triple Tube Daylight Bench Lamp	EACH	£64.95

Tube & Magnifying Lens Bench Lights

These high-quality, magnifier task lamps are available either with an articulating arm (on a clamp/mount) or with two adjustment points (desktop clamps) which can both move into your required position.

- Daylight
- Florescent daylight for a superior balanced light
- · Low- heat emission making inspection/ working pleasant
- Energy saving
- Free standing base available, please see code 12009
- 240 volt

Rectangular (190 x 160mm) **Magnifier Lamp**



Daylight Fluorescent with Rectangular Magnifier Lens

- 2 x 9 watt daylight energy saving fluorescent tubes
- Shadow free light with no heat emission
- High quality 190 x 160mm (7.5 x 6.2") 3 dipotre glass lens (1.75 x Mag)
- Heavy Duty table clamp
- Replacement Fluorescent Tube L19972
- (Internal Circuit, No Starter)

Code	Description	UOM	Price
L19532	Rectangular (190 x 160mm) Magnifier Lamp	EACH	£65.00

Ø125mm Round, Magnifier Lamp



Daylight Fluorescent with a Round Ø125mm Magnifier

- 22 Watt circular daylight fluorescent tubeShadow free light with no heat emission
- High quality 125mm (5") 3 dioptre glass lens (1.75 x
- Lamp includes table clamp
- Replacement Fluorescent Tube L2007
- · (Internal Circuit, No Starter)

Code	Description	иом	Price
L19531	Ø125mm Round, Magnifier Lamp	FACH	£68.40

Ø125mm Round, Magnifier Lamp



Daylight Fluorescent with a Round Ø125mm Magnifier

- 22 Watt circular daylight fluorescent tube
- Shadow free light with no heat emission
 High quality 125mm (5") 3 dioptre glass lens (1.75 x Mag)
- Built-in sun protector cap
- · Lamp includes table clamp
- Plastic and metal combined give this lamp a lightweight and flexible feel
- Replacement Fluorescent Tube L19971
 (Internal Circuit, No Starter)

Code	Description	иом	Price
L19530	Ø125mm Round, Magnifier Lamp	EACH	£31.95

Portable Lights



Fluorescent, compact, folding task lamp for hobby, craft, reading and office use

- 1 x 13 watt energy saving tube
- Shadow free light with low heat emission
- · Lamp switches on when unfolded
- · Includes inbuilt handle for portability
- Cable length 1.5m
- Extended height 30cm
- Integral table base
- Spare Bulb Cousins Ref. L35407

Code	Description	UOM	Price
L33083	Light Craft Folding Task Lamp	EACH	£18.95

Portable Lights with **Magnifying Lens**

These high-quality, magnifier task lamps are ideal for counter top manoeuvrability into your required position to allow up close inspection and presentation.

- · Daylight or LED
- Florescent daylight for a superior balanced
- · Low- heat emission making inspection/ working pleasant



- Energy saving
- 240 volt

Rectangular (125 x 75mm) **Magnifier Lamp, LED**



LED light with Rectangular Magnifier Lens

Table Lamp with base, ideal for the retail environment for showing customers what they are buying

- Portable
- LED lamp
- Self standing lamp with wide glass lens & unique arm joint for close up work
- · Lamp head can rotate 360 degrees
- · Shadow free light with no heat emission
- 125mm x 75mm lens, 3 dioptre (1.75x mag)
- · Lens protected with a hinged cap
- Suitable for mobile use
- · Cable length 1.5 metres
- White colour

- Dimensions: 350 x 180 x 140mm
- Lens 125 x 75mm

Code	Description	иом	Price
L44303	Rectangular (125 x 75mm) Magnifier Lamp, LED	EACH	£41.25

Rectangular (175 x 108mm) **Magnifier Lamp**



Daylight Fluorescent with Rectangular Magnifier Lens Table Lamp with base ideal for the retail environment for showing customers what they are buying

- Portable
- Fluorescent Daylight Wide Lens Magnifier Lamp
- Self Standing Lamp with Wide Glass Lens & Unique Arm Joint for Close Up Work
- 22 Watt Energy Saving Tube
- Shadow Free Light with No Heat Emission
- 175mm x 108mm Lens, 3 Dioptre (1.75x mag) Built in Close Up Lens 12 Dioptre (4x mag)
- Upright Height 18" (45cm)
- Suitable for Mobile Use
- Cable Length 1.5 Metres

• Colour - White

Code	Description	UOM	Price
L32673	Rectangular (175 x 108mm) Magnifier Lamp	EACH	£46.95

Ø95mm Round, Magnifier Lamp



Daylight Fluorescent with a Round Ø95mm Magnifier

Table Lamp with base and unique arm joint for close up work

- · Ideal for: retail, model making, jewellery & watch craft, artwork, electronics etc
- · Fluorescent daylight light, no colour distortion so pleasing to the eye
- 12W energy saving tube
 Shadow free light with no heat emission
- Ø95mm glass lens 3 Dioptre Dip (1.75x mag)
- Built in close up lens 12x Dioptre
- Upright height 13" (325mm)
- Suitable for mobile use
- Cable length 1.5 meter
- Colour: white
- Replacement Bulb L35300

Weight: 2kg

Code	Description	иом	Price
135287	Ø95mm Pound Magnifier Lamp	EACH	£10 05

Super "Spotlight" **Directional Torch**



With an optical lens and olive reflector in front, plus an Osram 5.2/0.5a halogen light bulb, this super torch can concentrate its spotlight and give out the light with maximum brightness.

Usages:

- Strong spotlight allows appreciation of jade when using the Jadeite Filter and inspection of such halftransparent materials as ambers.
- A "must have device" when buying and selling gemstones with using with your Gemmological Instruments (See Full Range Link Below)
- · Assistant light source for eye loupes, eyeglasses, microscopes, and hand magnifiers
- Hands free stand attachment included allowing 90° c and 45° c angle positioning
- · Helpful for focusing when night photographing
- requires four AA Batteries order code mn1500

Size: 110mm x 74mm x 25mm



Weight: 100grams

Code	Description	UOM	Price
T33834	Super Bright Spotlight Torch with Base	EACH	£24.95

<u> Ultra Violet (UV)</u> **Curing Lamps**

Powerful lamps for curing UV activated adhesive used to bond glasses to watch cases.

- For setting UV watch glass adhesive
- · Rapid setting time
- Compact
- Safe
- Fused and CE approved
- Lightweight
- 240 volt

Ultra Violet (UV) Curing Lamp



with "Slide In - Out" Base

- 36 watt (4 x 9watt tubes)
- Mains Voltage 220-240v
- · Internal reflector for optimal luminosity
- Two operating modes: two minute timer or continuous
- · Easily cleaned white plastic housing
- Weight 1.7kg.Dimensions: 230 x 260 x 110mm
- Replacement Ultraviolet Tube L32775
- Adaptor Plug Required (A40932)

Code	Description	иом	Price
L32768	Ultra Violet (UV) Curing Lamp	EACH	£29.95



LAMP BULBS, TUBES & STARTERS



Any workshop, repair centre or working environment should carry lighting spares, as you never know when a power spike or general wear and tear will cause a bulb or starter to go!

Here we have our replacement lamp bulbs, tubes & starters, comprehensively covering the range of lamps we offer.

Bulbs

Bayonet (60W) Daylight Bulb



Code	Description	UOM	Price
L4933	Bayonet (60W) Daylight Bulb	EACH	£2.75

Screw (60W) Daylight Bulb



Code	Description	иом	Price
L2006	Screw (60W) Daylight Bulb	EACH	£2.90

Optivisors with or without LEDs

See Page 937

Fluorescent Tubes

Circular (12W) Fluorescent

For Lamp L35287



Code	Description	UOM	Price
L35300	Circular (12W) Fluorescent	EACH	£6.25

Circular (22W) Fluorescent Ø7"

For Mini Round Fluorescent Magnifier Lamp Product Code 119530



Code	Description	иом	Price
L19971	Circular (22W) Fluorescent Ø7"	EACH	£7.95

Circular (22W) Fluorescent Ø8"

For Lamp L19531



Code	Description	иом	Price
L2007	Circular (22W) Fluorescent Ø8"	EACH	£6.95

Circular (28W) Fluorescent Ø9"

For Lamp L9569.



Code	Description	UOM	Price
L9569A	Circular (28W) Fluorescent Ø9"	EACH	£7.95

Tube (13W x 6") Fluorescent, 2 Prong Fitting



- For Daylight Portable Lamp product code L9317
- 13w
- Overal length 175mm
- Width 32mm

Code	Description	UOM	Price
L19980	Tube (13W x 6") Fluorescent, 2 Prong Fitting	EACH	£9.65

Tube (13W x 6") Fluorescent, 4 Prong Fitting



- 13 watt
- Overal Length 160mm

For Lamp L33083

Code	Description	иом	Price
L35407	Tube (13W x 6") Fluorescent, 4 Prong Fitting	EACH	£10.50

Tube (14W x 211/2") Fluorescent



Tube (15W x 18") Fluorescent



Ultraviolet Bulb, 9 Watt



For Ultraviolet UV Curing Lamp Product Code L32768 & L9742

	Code	Description	иом	Price
ı	L32775	Ultraviolet Bulb, 9 Watt	EACH	£4.50

Starters

20w Twin Series Starter

• 20w Twin Series Starter For Twin Tube Lamps Product Code L19529 and L2000



Code	Description	UOM	Price
L13735	20w Twin Series Starter	EACH	£1.00

LAMP BASES &

BRACKETS

Lamp Bases & Brackets

Base (12kg)

- Weight 12kg
- Size: 280 x 210mm
- Heavy duty

L2009

• For standard Ø13mm post



Bracket, Clamp

Metal with screw clamp

Mounting

- For standard 13mm post
- Maximum 60mm clamping depth



Code	Description	иом	Price
L35493	Bracket, Clamp Mounting	EACH	£9.90

Bracket, Desk Top Mounting

- Ø68mm Diameter
- 3 Locating holes for fixing to bench or desk
- · Standard 13mm post.



Code	Description	иом	Price
L5335	Bracket, Desk Top Mounting	EACH	£8.95

Bracket, Vertical Mounting

- Size: 70 x 50mm
- · 3 Locating holes for fixing to bench or desk
- For standard 13mm post





LIGHTBOX

Lightbox Including Accessories



Dimensions:

- Overall: 350 x 300 x 280mm (14 x 12 x 11")
- Door: 130 x 175mm
- Top camera hole: 90 x 90mm
- · Weight: 18kg
- Supplied with all accessories

Designed for use with digital cameras, the digital photography box puts camera control in your hands! Creates a shadow free wraparound lighting environment ideal for photography. High quality photos can mean the difference between making a sale or not.

Whether you use photos for advertising, catalogues, or selling on the World Wide Web, natural wrap around lighting is the key to bringing out the best in your products. As you may already know, your products' photographs can become your most important selling tool as having high quality photographs increases your

In short, professional looking photos increases sales and this is easily achievable with the CousinsUK light box.

- 3 adjustable fluorescent 5500 k lights; front light, back light and floor light
- On/off LED light strip along the top
- · Separate white LED light attachment

- Separate green LED light attachment for gems, stones & colour
- Separate blue LED light attachment for gems, stones & colour
- Magnetic, reflective front door
- · Top camera hole (and cover) for birds eye view photos
- Bright white interior providing the perfect reflective surfaces to compliment the diffused lighting
- Includes a camera mounting bracket with external light interference protection
- Protective cover to keep your photo box in pristine condition
- Please note camera light settings should be set correctly, particularly on SLR cameras as they are very sensitive. Please see your camera user manuals for settings

Code	Description	иом	Price
P35440	36 x 30 x 28cm Photogrophy Lightbox	EACH	£365.00
L39871	Spare Base Light Tube (320mm)	EACH	£64.95
L38684	Spare Side Light Tube (230mm)	EACH	£64.95
L38683	Spare LED Strip - Front	EACH	£80.95

MAGNETIC FINISH-ERS (POLISHING)

Magnetic finishing has often promoted itself as the best and easiest way to finish and burnish any non-ferrous metals. With stainless steel pins as small as Ø0.30mm in diameter and Ø5.00mm in length, they are able to work in areas such as undercuts, recesses, slots, etc. where no previous method has been found

Centrifugal magnetic finishing is quiet by comparison to many other forms of finishing. On soft non-ferrous metals, the finishing cycle can be as low as 30 minutes. This alone assures faster turnaround time on parts when compared to any other method. Centrifugal magnetic tumbling as an automated process addresses the most intricate and detailed parts imaginable in finishes where others fail. It should be noted that on large, smooth or flat surfaces the finish will appear frosted and a slight buffing or a dry finish is recommended.

- Easy cleaning on precious metals, finished rings, bracelets or earrings
- Jewellery with stones in? No problem
- The quietest form of machined finishing
- The quickest form of machined finishing
- · Non abrasive cleaning, no precious metal

<u> Magnetic Polishers - Ray Tech</u>

Magnetic Finishers - Ray Tech

Industry favourite, American made centrifugal magnetic finishers.

- Programmable functionality
- · Variable speed
- · Variable timer
- Forward & Reverse
- 100g or 200g capacity
- 1/32 and 1/12 horse power motor respectively
- 230 Volt
- CF Marked
- Made in USA

Media to parts ratio:

- An acceptable media to parts ratio is approximately 70% media pins to 30% parts
- The media and any compound you use should just barely be wet with no standing

water

- It is advised to clean your magnetic finisher pins after each batch
- Do not leave pins in the barrel when not is use, this can lead to over-magnetisation of the pins, resulting in poorer cleaning

100g Magnetic Tumbler



Specifications:

- Barrel type
- CMF model for surface cleaning and polishing of precious and semi precious metals with or without stones.
- · Capacity for 8 to 10 rings or equivalent
- Capacity for 100g pins
- Drum Ø100mm
- Programmable functions
- Variable SpeedForward & reverse Variable Timer
- Pins included
- CMF 410 • Made in USA
- Dimensions:
- Weight 8kgs

Code	Description	UOM	Price
M37186	100g Magnetic Tumbler	EACH	£595.00

100g Magnetic **Tumbler Drum**

- Replacement for M37186



Code	Description	иом	Price
M37188	100g Magnetic Tumbler Drum	EACH	£59.95



Maizorb Drying Media See Page 1175

200g Magnetic Tumbler



Specifications:

- Barrel type
- CMF model for surface cleaning and polishing of precious and semi precious metals with or without
- · Capacity for 20 to 30 rings or equivalent
- Capacity for 200g pins Drum Ø150mm
- Programmable functions
- Variable Speed
- Forward & reverse
- Variable Timer · Pins included
- CMF 610
- Made in USA

Dimensions:

• Weight 11kgs

Code	Description	иом	Price
M37187	200g Magnetic Tumbler	EACH	£1,195.00

200g Magnetic **Tumbler Drum**

- Replacement for M37187



Code	Description	иом	Price
M37189	200g Magnetic Tumbler Drum	EACH	£86.95

Magnetic Polishing Media Pins

Magnetic Finisher Media Pins

Industry favourite, made for centrifugal magnetic finishers.



- An acceptable media to parts ratio is approximately 70% media pins to 30% parts
- The media and any compound you use should just barely be wet with no standing water
- It is advised to clean your magnetic finisher pins after each batch

Pin Sizes:

- Ø0.30mm
- Ø0.50mm

Length 5mm

. 5	- 9				
Code	Description	иом	Price		
S36118	Ø0.30 to 0.50mm Finisher Pins, Indian	250G	£11.95		
S36257	Ø0.50mm x 5mm Finisher Pins, Cousins	250G	£11.95		

MICROMOTORS

There is nothing like using a Micromotor as they are comfortable and easy to control, precision hand held machines. Very popular with Jewellers, Light Engineers, Glass Engravers, Clock/Watch Repairs, Plastics Fabricators, Furniture Antique Restoration and Arts & Craft sculptures.

Our best seller micro motors, fantastic for a wide variety of applications, such as de-burring, grinding, polishing, engraving, precision finishing and matt finishing. Being light and compact there are no awkward moving positions as if using a large rotary hand piece/machine

Some of the usages for various types of work as follow:

- A excellent precision machine for the modern and traditional stone setter
- Precision stock Removal in metal, plastics, wood, porcelain, resin, enamel, and glass
- Deburring and levelling your metal for removal of casting flash marks
- Grinding and shaping your various pieces
- Polishing and mounting your items
- Drilling and shaping holes
- Grinding over done solder and welding seams
- Texturing surface areas
- Cutting slitting and grooving
- Engraving various items such as name plates *ID tags/bracelets ect*
- Ideal for diamond milling tool bits

FOREDOM MICROMOTORS

Foredom is the market leader in micro motor rotary technology.

- Established in 1922, The Foredom Electric Co. of Bethel, CT, has maintained continuous manufacturing operations in Connecticut since 1955
- Foredom is the leading manufacturer of flexible shaft rotary power tools in the world
- Their range include its flagship line of flex shaft machines, to specialized micro motors, hand pieces and bench top attachments and accessories
- Foredom tools set the standard in quality, power and performance
- Foredom tools are used in jewellery manufacturing, industrial and machine shop operations, woodcarving and wood working, dental, optical and scientific laboratories, art studios, home/shop hobby applications and nail salons



Maizorb Drying Media

See Page 1175



Brushless Micromotor



"Brushless - High Torque - High Speed"

- Foredom K1050
- 1,000 to 50,000rpm
- 2 Year Warranty

Foredom K1050 Contains:

- Control Unit
- Brushless Handpiece H.MH-150
- Comes with a Ø2.35mm collet
- Variable Speed Foot Control
- · Handpiece Tray
- Spare Fuse
- CE marked
- 220v

Speeds

- High speed provides smooth, clean and sharp detailing in metal and wood. It's also great for brightcutting, grinding, finishing, texturing and polishing
- Medium speed is for effortless and fast stock removal in wood, diestone or acrylic
- Low speed offers extra control and power for stone setting and milling

Front Panel Features:

- Dial speed control sets precise speed
- Adjustable max. torque setting
- · Variable speed foot control
- · Forward or reverse rotation
- Dial or foot speed control
- Digital display for precise speed and torque setting
- Built in overload protection
- On/Off switch (Code M40218)
- 220v

Spares;

- Ø2.35mm collet: FDHP4117
- Ø3.00mm collet: FDHP4117C
- Ø3.18mm collet: FDHP4117B

Features a brushless motor design with a high torque motor that is powerful even at minimum speeds. The sealed housing eliminates dust, noise and vibration and there's never a need to replace carbon brushes.

Code	Description	иом	Price
FDK1050	Bushless Micromotor Kit, K1050	EACH	£595.00

Grinder Micromotor



"Ginding - High Torque - Extra Power"

- Foredom K1020
- 1,000 to 20,000rpm
- 1 Year Warranty
- CE marked

Foredom K1020 Contains:

- Control Unit (HP4917)
- Rotary Handpiece H.MH-120 (3 jaw)

- Variable Speed Foot Control
- Handpiece Tray
- 110v 220v option switch

Some of the usages for various types of work as follow:

- Rapid stock Removal in metal, plastics, wood, porcelain, resin, enamel, and glass
- Deburring and levelling your metal for removal of casting flash marks light and heavy
- Grinding and shaping your various pieces
- · Polishing and mounting your items
- · Drilling and shaping holes
- Grinding over done solder and welding seams
- Texturing surface areas
- · Cutting slitting and grooving

Spares:

- Replacement Carbon Brushes: Item Code FD2326
- Replacement On/Off switch (Code M40218)
- Replacement Control Unit Fuse (Code FDHP4110)

Code	Description	UOM	Price
FDK1020	Grinder Micromotor Kit, Foredom	EACH	£295.00

Hammer Action Micromotor



"Hammer Action for Stone Setting & Engraving"

- Foredom K1080
- Hammer (Stone Setting & Engraving) Handpiece: up to 2,500spm
- 1 Year Warranty
- CE marked

The K1080 Micromotor is ideal for stone setting applications, including channel setting and engraving techniques requiring a hammering action.

The force of the impact of this reciprocating handpiece can be adjusted from light to full by turning the metal ring while the motor is off or running.

The speed of the hammer action can also be varied from 0–2,500 strokes per minute with the manual dial on the control box. Used with the Graver Holder, see below, the MH-011 Handpiece becomes a precision, power engraver– no need for an air compressor or a flexible shaft drive.

Foredom K1080 Contains:

- Control Unit (HP4917)
- MH011 Hammer Handpiece
- Handpiece Tray
- Accessories
- 110v 220v option switch

Accessories:

- 3 Anvil Points with Threaded Shanks
- Adapter for Threaded Anvil Point
- Adapter for Non-Threaded Shank Accessories
- Graver Holder* (HPH8-214) with Allen Key
- 5mm Open End Wrench
- Accessories Tray
- Handpiece Cradle
 Crans Mater Brooks
- Spare Motor Brushes
- 2 Pins used to tighten Anvil Points
- 1 Anvil Point Holder used for shaping the point

The *Graver Holder can help the professional jewellers in these applications by providing a controlled hammering action through the headpiece which can

accept a wide variety of tools.

The user controls the hammering action by adjusting the strokes per minute (SPM) with the speed control and by adjusting the impact intensity from a very light to a heavy impact with the adjusting ring on the

headpiece for:

- Engraving
- Bead setting and bright cutting
- Channel and hammer setting
- Texture and florentine finishing
- Carving figures and initials on jewellery

- Other hand tool applications e.g. gravers & beading tools
- (Please see website PDF)

Code	Description	иом	Price
K1080CE	Hammer Action Micromotor Kit, Foredom	EACH	£550.00
MH011	Hammer Action Handpiece, Foredom	EACH	£395.00

Most Popular Micromotor



"Most Popular - High Speed"

- Foredom K1070
- 1,000 to 38,000rpm
- 1 Year Warranty
- CE marked

Foredom K1070 Contains:

- Control Unit (HP4917)
- Rotary Handpiece with 2.35mm (3/32") Collet
- Variable Speed Foot Control
- Handpiece Tray
- 110v 220v option switch

Features

- Variable Speed up to 38,000rpm
- · Variable speed control on main unit
- Variable speed foot control
- Precision handpiece takes standard Ø2.35mm shanks
- Features a secure twist lock for rapid bit change
- Reversible rotation switch, headpiece rest included
- Silent, smooth, slick designed handpiece
- On/Off switch (Code M40218)

Some of the usages for various types of work as follow:

- Able to do traditional Diamond Milling
- A excellent precision machine for the modern and traditional stone setter
- Precision stock removal in metal, plastics, wood, porcelain, resin, enamel, and glass
- Deburring and levelling your metal for removal of casting flash marks
- Grinding and shaping your various pieces
- Polishing and mounting your items
- Drilling and shaping holes
- Ideal for diamond milling tool bits
- Grinding over done solder and welding seams
- Texturing surface areas
- Cutting slitting and grooving
- Engraving various items such as name plates ID tags/ bracelets ect

Spares:

- Replacement Carbon Brushes: Item Code -FDHPL4504
- Replacement On/Off switch (Code M40218)
- Replacement Control Unit Fuse (Code FDHP4110)

Code	Description	иом	Price
K1070CE	Most Popular Micromotor Kit, Foredom	EACH	£295.00
MH170	Handpiece (MH170) for K1070	EACH	£175.00

Tungsten Carbide Drills See Page 838

Most Popular plus Hammer Action Micromotor



Foredom K1090 - Micromotor with 2 Handpieces

- The most popular (K1070) Handpiece
- The Hammer Action Handpiece
- Foredom K1090
- Rotary Handpiece: 1,000 to 38,000rpm
- Hammer (Stone Setting & Engraving) Handpiece: up to 2 500spm
- 1 Year Warranty
- CE marked

The ultimate micromotor kit for accomplishing most every job.

It includes the complete contents of the 1070 rotary kit with the MH-170 handpiece, plus the MH-011 stone setting handpiece with its accessories.

The control box has a single receptacle on front panel for connecting one handpiece at a time.

Foredom K1090 Contains:

- Control Unit (HP4917)
- Rotary Handpiece with 2.35mm (3/32") Collet
- Hammer Handpiece MH011 (up to 2,500 strokes per minute)
- Variable Speed Foot Control
- Handpiece Tray
- Accessories
- 110v 220v option switch

Accessories:

- 3 Anvil Points with Threaded Shanks
- Adapter for Threaded Anvil Point
- Adapter for Non-Threaded Shank Accessories
- Graver Holder* (HPH8-214) with Allen Key
- 5mm Open End Wrench
- Accessories Tray
- Handpiece Cradle
- Spare Motor Brushes
- 2 Pins used to tighten Anvil Points
- 1 Anvil Point Holder used for shaping the point

The *Graver Holder can help the professional jewellers in these applications by providing a controlled hammering action through the headpiece which can accept a wide variety of tools.

The user controls the hammering action by adjusting the strokes per minute (SPM) with the speed control and by adjusting the impact intensity from a very light to a heavy impact with the adjusting ring on the headpiece for:

- Engraving
- Bead setting and bright cutting
- Channel and hammer setting
- Texture and florentine finishing
- Carving figures and initials on jewellery
- Other hand tool applications e.g. gravers & beading tools.
- Ideal for diamond milling tool bits
- • (Please see website PDF)

 Code
 Description
 UOM
 Price

 K1090CE
 Most Popular & Hammer Micromotor (it. Foredom
 EACH
 £650.00



<u>Foredom Portable Micromotor</u>

Foredom USA

- Portable Micromotor Kit
- Portable Carry Case
- · Portable Carry Belt Pouch

Brand new portable Foredom micromotor, perfect for users with multiple workstations or on the move specialists where electrical points are not always available.

Consists of:

- · A pocket size control unit with a built in rechargeable battery. Dial speed control with digital RPM display making it easy to monitor speed as you work (130 x 70 x 30mm)
- · Can fit into a pocket or tool belt
- Small, lightweight yet powerful hand piece, with a secure twist lock for rapid bit change. It has a fan cooled, brush type continuous duty motor that runs cool and vibration free. Has permanently lubricated, shielded ball bearings that require no additional lubrication (130mm long x Ø20mm grip)
- · Handpiece cradle for when not in use
- · Spare motor brushes
- · Charger/adapter

Specifications:

- 0 to 30,000rpm
- · Forward and reverse
- · Rechargeable lithium iron battery
- · Run time when fully charged approximately 5 hours
- Plug in for day long use
- 2.35mm (3/32") collet in handpiece
- 3.18mm (1/8") Collet is also available see product code FDHP4117B

Details:

- On/off button
- · LED speed indicator
- · Dial speed control
- Rechargeable battery
- · Twist release hand piece for rapid exchange
- · 2 year warranty
- CÉ marked
- Made in USA

Portable Micromotor Kit



Specifications:

- 0 to 30,000rpm
- Forward and reverse
- · Rechargeable lithium iron battery
- Run time when fully charged approximately 5 hours
- Plug in for day long use2.35mm (3/32") collet in handpiece

Code	Description	UOM	Price
K1030CE	Portable Micromotor Kit	EACH	£265.00

Portable Micromotor Carry Case



- For K1030CE portable micromotor
- · Shaped foam inserts
- Protects your portable micromotor on the go
- · Easy to carry and pack away
- 400 x 260 x 70mm
- · Branded "Foredom"

Code	Description	иом	Price
FD1130	Portable Micromotor Carry Case	EACH	£35.00

Portable Micromotor Carry Pouch

- · Lightweight woven nylon carry pouch
- Fits to belt
- Foredom A-KC300



Portable Micromotor HPL4-3233 Collet Adapter 2.35mm (3/32") to 1.50mm



Code	Description	иом	Price
FDHPL43233	Portable Micromotor HPL4-3233 Collet Adapter 2.35mm (3/32") to 1.50mm (1/16")	EACH	£14.95

Foredom Brushes, Collets, **Switches & Foot Controls**

For the uninterrupted day to day running of your micro motors, we have in stock a range of spares and extras for maintaining your motor kits

- Most useful to have collets, graph brushes and switches as spares in stock ensuring that work never has to stop
- Brushes should be checked for wear periodically and replaced when worn
- Be sure to replace both motor brushes even if one of them is less worn than the other

Carbon Brushes, Foredom MH011

· For the Hammer Action Handpiece in Micromotor K1080 & K1090 kit (not the Rotary handpiece, use FDHPL4504)



Code	Description	иом	Price
FDHP4163	Carbon Brushes, Foredom MH011	PAIR	£12.95

Carbon Brushes (pair) - Foredom **MH120 Micromotor** Handpiece (Grinder Micromotor)



 For Grinder Micromotor (handpiece) FDK1020

Code	Description	UOM	Price
FD2326	Carbon Brushes (pair) - Foredom MH120 Micromotor Handpiece (Grinder Micromotor)	PAIR	£12.95

Carbon Brushes (pair) - Foredom **MH170 Micromotor Handpiece (Rotary** Action)



 For the Micromotor K1070 & K1090 (not the hammer handpiece use FDHP4163)

Code	Description	UOM	Price
FDHPL4504	Carbon Brushes (pair) - Foredom MH170 Micromotor Handpiece (Rotary Action)	PAIR	£13.95

Foot Control - On/ **Off Foot Switch for** Micromotors

- Optional On/Off Foot Switch
- · This control is available separately and does not come in the kit
- It plugs into the back of the control box and allows you to turn the motor on and off without changing the speed set by the dial
- For Foredom micromotors FDK1020, K1030CE. K1070CE, K1080CE & K1090CE

HP4927 Foot Control - On/Off Foot Switch for Micromotors	ACH £19	.95

Foot Control -Variable Speed for **Brushless Micromotors**

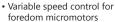


- Variable speed control for foredom micromotors
- For all Foredom brushless micromotors, including FDK1050

Code	Description	UOM	Price
FHP77060	Foot Control - Variable Speed for Brushless Micromotors	EACH	£43.95



Foot Control -Variable Speed for **Micromotors**







Code	Description	иом	Price
FDHP4960	Foot Control - Variable Speed for Micromotors	EACH	£59.95

MH150, MH170 (Handpiece) Collet Ø2.35mm



- Foredom HP4-117
- For handpiece MH170 & MH150
- Standard Size

Code	Description	UOM	Price
FDHP4117	MH150, MH170 (Handpiece) Collet Ø2.35mm	EACH	£24.75

MH150, MH170 (Handpiece) Collet Ø3.18mm

- For shanks Ø3.18mm (1/8")
- Foredom HP4-117B
- For handpiece MH170 & MH150



MH150, MH170 (Handpiece) Collet Ø3.00mm

- For shanks Ø3.00mm
- Foredom HP4-117C
- For handpiece MH170 & MH150

Code	Description	иом	Price
FDHP4117C	MH150, MH170 (Handpiece) Collet Ø3 00mm	EACH	£24.75

MH170 (Handpiece) **Adaptor Collet** Ø3.00mm to Ø2.35mm

Use Adapter collets to insert into existing collets for a smaller shank size without having to change collets.

Transform your larger collet handpiece to take a Ø2.35mm shank

- Foredom HPL4-3235
- Adaptor Collet Ø3mm to Ø2.35mm
- For MH170 handpiece with a Ø3.00mm (FDHP4117C) collet

Code	Description	иом	Price
FDHPL43235	MH170 (Handpiece) Adaptor Collet Ø3.00mm to Ø2.35mm	EACH	£12.95

MH170 (Handpiece) **Adaptor Collet** Ø3.18mm to Ø2.35mm

Use Adapter collets to insert into existing collets for a smaller shank size without having to change collets.

Transform your larger collet handpiece to take a Ø2.35mm shank

- Foredom HPL4-3236
- Adapter Collet Ø3.18mm (1/8") to Ø2.35mm (3/32")
- For MH170 handpiece with a Ø3.18mm (FDHP4117B)

Code	Description	иом	Price
FDHPL43236	MH170 (Handpiece) Adaptor Collet Ø3.18mm to Ø2.35mm	EACH	£13.95

Switch - On/Off **Switch**

- On/off switch for micromotors
- For products: FDK1020, K1080CE, K1070CE, K1090CE & FDK1050



The replacement of the ON/OFF switch is very simple.

1. Remove the 4 feet from the control box

- Remove the bottom cover
- 3. Pull out circuit board to expose wiring
- 4. Unplug the white connectors.
- 5. Push out the switch from the back to the front of the unit to remove
- 6. Snap new switch into place from the front
- 7. Connect the white connectors marked "POWER" and "POWER SWITCH" to respective connectors on the main board
- 8. Reassemble

Code	Description	ИОМ	Price
M40218	Switch - On/Off Switch	EACH	£5.95

and diamond drills are most often used. Whatever accessory you use, let the speed of the tool do the work. Too much feeding pressure can damage or break your drill and may cause loss of control. Twist drills are often used for drilling holes in metals, woods and plastics.

On work items with rounded surfaces such as rods, it is a good idea to centre punch a starting hole to keep the tip of the drill from "walking" or wandering from the desired starting point. When drilling lift the drill up and down frequently to clear away dust and debris.

Specification:

- 50mm throat capacity
- 30mm stroke length
- 265mm of vertical movement available
- Up to 265mm thick items can be drilled
- 380mm overall height

Code	Description	UOM	Price
FDPDP70	Foredom Micromotor Drill Press	EACH	£119.95

Holder for Micromotor Handpiece

- For use with Foredom's most popular handpiece, MH170
- Foredom MAHH-70
- · Can hold handpieces Ø26mm diameter
- · Handpiece can be held from 60 to 330mm high from table
- Made in USA

A new and unique holder for use with Foredom's micromotor MH170 handpiece. Allows you to bring the work piece to the tool instead of the other way round. Gives you extra polishing stability and finish consistency

on your piece. Includes hand piece clamp, bench clamp

Code	Description	UOM	Price
F48773	Holder for Micromotor Handpiece	EACH	£29.95

Drill Press for Micromotors



- · For use with Foredom's most popular handpiece, MH170
- Foredom P-DP70
- Made in USA

This micromotor press can securely hold your handpiece in a fixed vertical position ensuring accurate, straight and true drilling of holes to specified depths. They are also ideal for modelling, spot-facing, countersinking and reaming in wood, wax, plastic, metal, glass and gemstone.

For drilling, generally high speed steel, carbide

MARATHON & MAXIMA **MICROMOTORS**

Marathon Variable Speed



Marathon Champion 3 micromotor

Features:

- Micro Motor 0-35,000 Rpm
- · Variable speed control on main unit with on/off foot control for hands free power supply
- Precision hand piece takes standard 2.35mm shanks and features a secure twist lock for rapid bit change
- Forward and reverse switch
- Superb design of hand piece ambling you to hold almost near the top end like a pen
- Hand piece and foot pedal included
- Also includes attached hand piece stand and burr holder
- Torque: 2.4Ncm
- 110v/ 220v option switch
- Different size collets available, please see the



associated products below (Foredom collets will fit the Marathon Champion 3)

• Made in South Korea

Code	Description	иом	Price
M36961	Marathon 3 Champion Micromotor	EACH	£139.95

Maxima Variable Speed



The Maxima High Speed Rotary Micromotor Kit is able to do traditional Diamond Milling decoration. (Diamond milling heads not stoked contact Birmingham for local manufacturer).

Features:

- Micro Motor 0-35.000 Rpm.
- Variable speed control box on/off foot pedals available optional (code m8809a, m8809b)
- Precision headpiece takes standard 2.35mm shanks and features a secure twist lock for rapid bit change.
- Reversible rotation switch, headpiece rest included.
- Silent smooth professional design handpiece
- 110v 220v option switch
- Made in Japan

Code	Description	иом	Price
M8809	Maxima Micromotor & Handpiece	EACH	£315.00
M8809A	On/Off Foot Control, Maxima	EACH	£29.95
M8809B	Variable Speed Foot Control, Maxima	EACH	£70.55

MICROSCOPES

Benchtop with Articulating Arm



A fantastic package of a microscope that includes a true trinocular 3.5x - 90x zoom microscope on an articulating stand with an 80-LED dimmable ring light

Offering sharp, crystal clear images and great flexibility, it is a perfect inspection microscopy system for the watch/clock maker and repairer and jeweller. With 30mm super widefield, high-eyepoint eyepieces and reduction Barlow lenses, the microscope gives very large zoom magnification range (26:1) and large working distance (8 inches). The LED ring light provides bright, even and cool illumination.

Microscope specifications:

- 30mm super widefield eye pieces (with included rubber eye guards)
- 3.5x to 90x magnification range (26:1)
- 0.5x Barlow lens included
- 2x Barlow lens included
- · 200mm (8 inch working distance), perfect for the
- 80 LED ring light (dimmable to requirement)
- Diopter adjustment +/-5dp

• Interpupillary distance: 55 to 75mm

Features:

- Sharp stereo images over a super widefield view
- · High resolution with great flatness and contrast
- Versatile heavy duty articulating arm covering large working area
- Bench clamp for articulating arm
- Arm reach out length 102cm
- 45-Degree Inclined Microscope Head
- Accurate alignment ensuring fatigue-free comfortable observation
- Both ocular tubes with adjustable diopters
- Adjustable interpupillary distance
- Full optical glass elements with precise ground glass lenses
- Manufactured Under ISO 9001 Quality Control Standard
- Excellent 5 year warranty
- Amscope USA

Code	Description	иом	Price
M48369	Microscope with Articulating Arm	EACH	£765.00

Benchtop with Articulating Arm & Camera



A fantastic package of a microscope that includes a true trinocular 3.5x - 90x zoom microscope on an articulating stand, an 80-LED dimmable ring light and a 3 mega pixel high resolution USB2.0 digital camera.

Offering sharp, crystal clear images and great flexibility, it is a perfect inspection microscopy system for the watch/clock maker and repairer and jeweller. With 30mm super widefield, high-eyepoint eyepieces and reduction Barlow lenses, the microscope gives very large zoom magnification range (26:1) and large working distance (8 inches). The LED ring light provides bright, even and cool illumination. The digital camera captures still images and video, and allows you to view a live stream on your PC. With software available for Windows, Mac, and Linux, it's a multi-platform imaging solution. The included Windows software offers image-development and measurement tools, as well as advanced compositing features such as image-stitching and extended-depth-of-focus. Independent preview and capture resolutions allow you to view high-speed video while capturing high-definition images (for Mac and Linux, there is a lite version with limited processing

Microscope specifications:

- 30mm super widefield eye pieces (with included rubber eye quards)
- 3.5x to 90x magnification range (26:1)
- 0.5x Barlow lens included
- 2x Barlow lens included
- 200mm (8 inch working distance), perfect for the repairer
- 80 LED ring light (dimmable to requirement)
- Diopter adjustment +/-5dp
- Interpupillary distance: 55 to 75mm

Camera specifications

- Sensor: Aptina MT9T001
- Sensor Type: CMOS
- Sensor Size: 6.55x4.92mm
- Pixel Size: 3.2
- Resolution: 3.1MP
- Frame Rate: 8 @ 2048 x 1536, 22 @ 1024 x 768 & 43 @ 680 x 510
- Sensitivity: 1.0V/lux-sec
- Compatibility: Windows (32/64 bit) XP/Vista/7/8/10, Mac OSX Linux

Features:

- Sharp stereo images over a super widefield view
- High resolution with great flatness and contrast
- Versatile heavy duty articulating arm covering large working area
- Bench clamp for articulating arm
- Arm reach out length 102cm
- 45-Degree Inclined Microscope Head
- · Accurate alignment ensuring fatigue-free comfortable
- Both ocular tubes with adjustable diopters
- · Adjustable interpupillary distance
- Full optical glass elements with precise ground glass
- Manufactured Under ISO 9001 Quality Control Standard
- Excellent 5 year warranty
- Amscope USA

Code	Description	иом	Price
M48368	Microscope with Articulating Arm & Camera	EACH	£865.00

Benchtop with Digital Display



Microscope - Digital - LCD Display - Up to x500

- Magnification from x10 up to x500
- 75mm colour LCD display
- Up to 40mm platform depth capacity
- Easy one button photo capture (even whilst in video mode)
- · Live video feed into a television via VGA cable (supplied)
- Transfer images from microscope to a laptop/ computer via a USB cable (supplied)
- · Portable, with rechargeable battery
- 8 White light LED's for illumination
- Supplied with digital users manual (on disc) and portable capture software

Technical specification:

- Still image resolution: 12M, 9M, 5M, 3M, 1.3M VGA
- CMOS image sensor: 5.0 mega pixels
- Shutter speed: 1 sec to 1/1000 sec
- · High quality microscopic lens
- · Video capture resolution: VGA, QVGA
- Button for image storage in the microscope, with digital zoom x4
- · Independent image storage of 32GB (if no computer
- Requires Windows XP, VISTA or Windows 7
- · Mac 10.6 or later
- 230 x 150 x 110mm

Kit contains:

- · LCD digital microscope
- · Charger/adaptor
- Li-ion battery (rechargeable)
- USB Cable
- TV Cable
- Ouick start guide
- Software CD

- Easy clean screen fabric
- Calibration ruler

Code	Description	иом	Price
M39115	Digital LCD Microscope	EACH	£175.00

Handheld, Mic-Fi



Hand-held Microscope - Wifi Enabled - Mic-Fi

- · Take photos or video
- · Polarised filter, manages reflection or glare, enhancing the image
- · Built in wifi connectivity
- Easily transmit your live images to an ipad, laptop or computer screen
- High quality, vulcanised rubber body
- · Hand-held, easy to use and portable
- Can also connect via a USB
- Includes plastic stand for when microscope not in use
- MICFIP
- Designed in Italy

Specifications:

- Magnification from x5 to x200
- 8 LED lights
- 1.3 mega-pixels
- Video resolution: 1280 x 1024, 640 x 480 & 320 x 240
- Up to 30 frames per second
- Wireless up to 5 metres
- Li-on battery, continuous working time 2 hours, full charging time 2 hours
- Focus range 8 to 300mm (manual adjustment)
- High definition microscopy lens
- Weight 88g
- Ø36mm x 142mm
- See PDF for full and detailed specifications

Code	Description	UOM	Price
M42454	Handheld Microscope	EACH	£225.00

MICRO WELDERS

MIG.O.MAT Microflame **Welders**

Mig.O.Mat Microflame Welders (in association with Elma)

- · Model 80 (80 litres per hour, 1 working
- Model 140 (140 litres per hour, 1 to 3 working stations)
- Model 240 (240 litres per hour, 1 to 8 working stations)
- Model 300 (300 litres per hour, 1 to 8 working stations)

Setting the New Standard in MICRO FLAME Technology. The MIG.O.MAT Micro Soldering and Welding Range are made in Germany. For maximum control the micro-flame gas generator produces by electrolysis (breakdown of water) a hydrogen-oxygen mix, which burns away to nothing. Temperature, size and shape of the flame are high-precision and is optimally apt for the filigree soldering work of most precious metals.

- Easiest operation by microprocessor control with free preselection of the desired gas
- High working safety because of the separate safety pressure controller independent from working pressure regulation, flashback arrestor and thermo-sensitive gas cut-off
- Very low cooling noise during application when operating at partial load because of thermo-sensitive whisper-quiet cooling
- Reduced operating costs due to long lasting electrolyte
- · Display with plain text messages
- Execution to German standard DIN 32 508 and accident prevention regulation BGR 500
- Microflame 240 & 300 are specifically designed for high performance work with silver and platinum
- · Instructional video with text instructions in English, French and German
- · Instructional CD including the video, operating instructions and safety data sheets included
- · Made in Germany

Mig.O.Mat 80



MIG.O.MAT (Elma Flame) 80 Unit

Steel/blue case, front panel silver, working pressure max. 200mbar.

- Gas Power: 80 litres per hour Power supply 230V / 560W 1 Working Station

- Useable Tips 0.5 to 0.9 (G25 to G20)
- · See PDF for full information

Supplied with:

- External Stainless Steel Booster with Granules
- Micro torch with control valve, cranked type, with exchangeable flame barriere
- Noozle set 0.5 0.9 x10mm (G25 to G20)
- Torch stand
- · 3m Gas Hose Gas float
- Funnel
- · The delivery is without electrolyte & booster fluid, please order this separately. Required amount of electrolyte for the first filling 2 x M20880

Dimensions (W x D x H): 340 x 250 x 280mm

• Weight 19kg

Code	Description	иом	Price
M41558	Mig.O.Mat 80	EACH	£895.00





Mig.O.Mat 140



MIG.O.MAT (Elma Flame) 140 Unit

Stainless steel case, front panel ultramarine blue, booster lighting and display in blue, menu language German, English & French, electronic pressure regulation, working pressure max. 200mbar.

- Gas Power: 140 litres per hour Power supply 230V / 900W
- 1 to 3 Working Stations Possible
- Useable Tips 0.6 to 1.0 (G23 to G19)
- See PDF for full information

Supplied with:

- MIG.O.MAT (Elma Flame) 140 Unit
- · Micro Torch with control valve, cranked type
- Nozzle Set 0.6 to 1.0 x`10mm (G23 to G19)
- Torch Stand
- 3m Gas Hose
- Glass Float
- Funnel
- The delivery is without electrolyte & booster fluid, please order this separately. Required amount of electrolyte for the first filling 2 x M20880

Dimensions (W x D x H): 395 x 275 x 445mm

• Weight 25kg

Code	Description	иом	Price
M20830	Mig.O.Mat 140	EACH	£1,295.00

Mig.O.Mat 240



MIG.O.MAT (Elma Flame) 240 Unit

Stainless steel case, front panel ultramarine blue, booster lighting and display in blue, menu language German, English & French, electronic pressure regulation, working pressure max. 200mbar.

- Gas Power: 240 litres per hour
- Power supply 230V / 1800W
- 1 to 8 Working Stations Possible
 Useable Tips 0.5 to 1.5 (G25 to G17)
 See PDF for full information

Supplied with

- MIG.O.MAT (Elma Flame) 240 Unit
- Micro Torch with control valve, cranked type
 Nozzle Set 0.8 to 1.5 x 10mm (G25 to G17)
- Torch Stand
- 3m Gas Hose
- Glass Float
- The delivery is without electrolyte & booster fluid, please order this separately. Required amount of electrolyte for the first filling $4\,x\,M20880$

Dimensions (W x D x H): 490 x 375 x 515mm Weight 48kg

Code	Description	UOM	Price	
M20831	Mig.O.Mat 240	EACH	£2,995.00	

Mig.O.Mat 300



MIG.O.MAT (Elma Flame) 300 Unit

Stainless steel case, front panel ultramarine blue, booster lighting and display in blue, menu language German, English & French, electronic pressure Gas Power: 300 litres per hour
Power supply 230V / 2000W
1 to 8 Working Stations Possible

- Useable Tips 0.5 to 1.8 (G25 to G15)
- See PDF for full information

Supplied with:

- MIG.O.MAT (Elma Flame) 300 Unit
- Micro Torch with control valve, cranked type
- Nozzle Set 0.8 to 1.8 x`10mm (G25 to G15)
- Torch Stand
- 3m Gas Hose
- · Glass Float
- Funnel
- The delivery is without electrolyte & booster fluid, please order this separately. Required amount of electrolyte for the first filling 4 x M20880

Dimensions (W x D x H): 490 x 375 x 515mm

• Weight 49kg

Code	Description	UOM	Price
M20832	Mig.O.Mat 300	EACH	£1,995.00

MIG.O.MAT Microflame Welder Accessories



MIG.O.MAT Microflame Welder Accessories

- Spares
- Operator Kit
- Trolley
- · Made in Germany

Code	Description	иом	Price
M20833	Operator Work Station, Micro Flame	EACH	£122.40
M20834	Tip Ø0.50mm x 10mm (G25) Micro Flame	EACH	£4.50
M20835	Tip Ø0.60mm x 10mm (G23) Micro Flame	EACH	£4.50
M20836	Tip Ø0.70mm x 10mm (G22) Micro Flame	EACH	£4.50
M20837	Tip Ø0.80mm x 10mm (G21) Micro Flame	EACH	£4.50
M20838	Tip Ø0.90mm x 10mm (G20) Micro Flame	EACH	£4.50
M20839	Tip Ø1.00mm x 10mm (G19) Micro Flame	EACH	£4.50
M20840	Tip Ø1.20mm x 10mm (G18) Micro Flame	EACH	£4.50
M20841	Tip Ø1.50mm x 10mm (G17) Micro Flame	EACH	£4.50

M20842	Tip Ø1.80mm x 10mm (G15) Micro Flame	EACH	£4.50
M41991	External Booster for Individual Workstations	EACH	£159.95
M41994	Fan Nozzle 4 0.8	EACH	£59.95
M41995	Fan Nozzle 6 0.7	EACH	£64.95
M41987	Flame Barrier for Micro Torch (Complete with Seals_	EACH	£7.50
M41982	Gas Distributor	EACH	£5.50
M41989	Gas Tube, Cut to Length	1 Metre	£2.50
M41998	Gasket for Glass Cylinder	EACH	£3.95
M41985	Glass Float	EACH	£22.50
M41992	Glass with Filling Mark and Seal	EACH	£32.95
M41993	Glass with Seal	EACH	£29.95
M41999	Granules for External Booster	300ML	£14.95
M41988	Microtorch, with control valve	EACH	£109.95
M41986	Microtorch, Cranked Type with Exchangeable Flame Barrier	EACH	£105.75
M41981	Nozzle Set	PACK*5	£14.95
M41980	T-Line Connection for Gas Tube	EACH	£2.25
M41984	Torch Stand for Microflame	EACH	£24.95
M20843	Trolley (140) Micro Flame	EACH	£75.50
M20844	Trolley (240/300) Micro Flame	EACH	£87.95
M41983	Tube Filter	EACH	£13.95

Micro Welder Chemicals



Micro Welder Chemicals

For the Reactor (main body) "pre-mixed"

Electrolytic Salt Solution (M20880)

For the Reactor (main body) "to be prepared"

• Potassium Hydroxide (M4600 & M4601)

• De-Mineralised Water (C4359 & C8911) For the Microflame 140 to 300 Vapourizer

Glass • Redux Fuel (M20845) (Non-Toxic equivalent

of Methanol)

For the Micro Welder External Booster (Atomiser) including the Microflame 80

- Methanol (C9864)
- Redux Fuel (M20845) (Non-Toxic equivalent of Methanol)
- Flux Fuel (M20846)
- Methylated Spirit (C4357 & C4358)
- MEK (C4351 & C4352)

Temperatures are controlled by what is used in the booster/atomiser

- MEK = 1300c (Gold, Silver, Copper and Brass)
- Mineralised methylated spirits = 2,200c (Platinum)
- Tap water = 3,300c approximately (tap water fluctuates and is not a steady flame but will melt about anything and because it is so hot, burns the tips out very quickly)





Electrolytic Salt Solution

- Ready for Use, no mixing involved
- · Liquid Aqueous Alkaline Electrolyte for the Hydrogen Soldering Devices

Elma (MIG.O.MAT) Electrolytic Salt Solution can last up to 2 years. Top up with distilled water if necessary, please see Unit manual for correct amount for each unit is different.



Code	Description	иом	Price
M20880	Electrolytic Salt Solution	1LT	£24.95

Potassium Hydroxide 340g



- · Crystal pack for the following machines KCT Hydrogem 1 Sherwood Microwelder Model Super A/A+
- Aquaflame Model 500
- Weight 340g

For 1 man micro-flame welder.

Potassium Hydroxide is used in micro welding You must always use the complete bag and pour it into

a plastic container and mix with distilled water (1 litre for one man and two litres for a two man).

Don't forget to wear rubber gloves, as it is caustic and will cause burns if in contact with skin.

The reason you use Potassium Hydroxide is that it is a great carrier/conductor of electricity and speeds up the process of "cracking water", which helps to convert it into a gaseous mix before it is transferred to the atomiser for wetting with Methyl Ethyl Ketone.

Code	Description	иом	Price
M4600	Potassium Hydroxide 340g	EACH	£7.50

Potassium Hydroxide 640g



- Crystal pack for the following machines KCT Hydrogem 2
- Sherwood Microwelder Model Super A (B)
- Aquaflame Model 800 (1200)
- Weight 640g

For 2 man micro-flame welder.

Potassium Hydroxide is used in micro welding

You must always use the complete bag and pour it into a plastic container and mix with distilled water (1 litre for one man and two litres for a two man).

Don't forget to wear rubber gloves, as it is caustic and will cause burns if in contact with skin.

The reason you use Potassium Hydroxide is that it is a great carrier/conductor of electricity and speeds up the process of "cracking water", which helps to convert it into a gaseous mix before it is transferred to the atomiser for wetting with Methyl Ethyl Ketone.

Code	Description	иом	Price
M4601	Potassium Hydroxide 640g	EACH	£9.95

De-Mineralised Water, 5 litres

De-mineralised water is another name for deionised water. It is water from which the (mineral) ions have been removed. It's a type of purified water, which is water that has been filtered or treated. It is necessary to use De-Mineralised Water in various products we distribute.



Please see below all items which use De-Mineralised Water.

- · Microflame Soldering Units
- Anti-Tarnishing System Silverbrite 100 (S8582)
- Pen Plating System Digital (P19870)
- Microplating Machine (P4898, and P8664)
- Stripping / Electroplating Unit M8825
- Gilding Salts link Consumables~ Plating Chemicals & Consumables~ Gilding Salts
- Electrolytic Cleaning Salts (C4907)
- Electro Polishing Salts (C8898)
- Rhodium (C43268)
- Potassium Cyanide (C9185)
- Electro Brightening Salts (Stripping Salts) (C19822)
- Vitex Safety Pickle Cleaning Salts (P5231 and P5232)

Supplied in 5 litre container

Code	Description	UOM	Price
C4359	De-Mineralised Water, 5 litres	5LT	£3.95

De-Mineralised Water, 25 litres

De-mineralised water is another name for deionised water. It is water from which the (mineral) ions have been removed. It's a type of purified water, which is water that has been filtered or treated. It is necessary to use De-Mineralised Water in various products we distribute.



Please see below all items which use De-Mineralised Water.

- Microflame Soldering Units
- Anti-Tarnishing System Silverbrite 100 (S8582)
- Pen Plating System Digital (P19870)
- Microplating Machine (P4898, and P8664)Stripping / Electroplating Unit M8825
- Gilding Salts link Consumables~ Plating Chemicals & Consumables~ Gilding Salts
- Electrolytic Cleaning Salts (C4907)
- Electro Polishing Salts (C8898)
- Rhodium (C43268)
- Potassium Cyanide (C9185)
- Electro Brightening Salts (Stripping Salts) (C19822)
- Vitex Safety Pickle Cleaning Salts (P5231 and P5232)

Supplied in 25 litre container

Code	Description	UOM	Price
C8911	De-Mineralised Water, 25 litres	EACH	£9.95



Redux Fuel

elma redux is a ready-for-use evaporator liquid reducing the flame temperature of the combustion of hydrogen-oxygen gas mixtures. The flame temperature of maximum 2850°C (for ideal combustion, without elma redux) can be reduced by passing the gas mixture through elma redux down to 1800°C (dependent on thegas flow rate). The size of the flame will be increased and it will be better

recognizable by its luminous blue colour. Further on droplets of electrolyte and water vapour accompanying a gas mixture produced from an electrolyte of a hydrogensoldering or -welding equipment will be separated out of the gas mixture.

elma redux

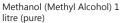
- Non Toxic
- To Reduce the flame temperature to 1800°C
- Flame Colour Blue

Elma (MIG.O.MAT) recommend the use of elma redux vapourizer liquid. Unlike other methanol-containing liquids elma redux is not toxic. Another advantage is that the burner hand piece cannot be blocked by residues which may be contained in other media (borsa)

Code	Description	иом	Price
M20845	Redux Fuel	1LT	£19.95

Methanol

Methanol - Methyl Alcohol -Pure



- Also used with Alcohol lamp (code A0002) an excellent fuel with exceptional burning properties
- Clean watch work and incomparable for degreasing hairsprings

Direction: Place components in a jar or suitable container which has been partly filled with Methanol. Leave for one or two minutes. Remove by means of tweezers and drain on a piece of paper.

• 1 Litre

Code	Description	UOM	Price
C9864	Methanol	1LT	£4.95

Flux Fuel

Produces a flux flame (Green Colour)

Solder with ease as the flux is in the flame so your joins just need apply solder.

MIG -O-MAT flux speeds up greatly your manufacturing and repair work, especially good for large batch work.

Solder gold, silver & platinum with ease.

This fine fuel last 3 times longer than conventional Micro Welder fuels like M.E.K.

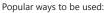


Code	Description	иом	Price
M20846	Flux Fuel	1LT	£19.95

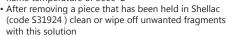


Methylated Spirits 1 Litre

General Purpose Solvent Cleaner for many applications.



 Atomizer fuel for micro-flame welders achieves a higher temperature for soldering platinum, maintaining a torch flame temperature of 3000°C



- Using the combined traditional mix of Boric Acid with Methylated Spirits to create a skin to prohibit fire stain while soldering (please see Boric Acid code C4361 for instructions)
- An excellent fuel with great burning properties to use in an Alcohol Lamp (A0002)

Code	Description	иом	Price
C4357	Methylated Spirits 1 Litre	1LT	£5.50
	Price breaks available, see	website	

Methylated Spirits 5 Litres

General Purpose Solvent Cleaner for many applications.

Popular ways to be used:

- Atomizer fuel for micro-flame welders achieves a higher temperature for soldering platinum, maintaining a torch flame temperature of 3000°C
- After removing a piece that has been held in Shellac (code S31924) clean or wipe off unwanted fragments with this solution
- Using the combined traditional mix of Boric Acid with Methylated Spirits to create a skin to prohibit fire stain while soldering (please see Boric Acid code C4361 for instructions)
- An excellent fuel with great burning properties to use in an Alcohol Lamp (A0002)

Code	Description	иом	Price
C4358	Methylated Spirits 5 Litres	5LT	£16.75

Methyl Ethyl Ketone, 1 Litre

Methyl Ethyl Ketone - M.E.K.

The most common fuel to use in a micro flame/welder soldering unit. Achieve the perfect temperature and size of flame when soldering gold and silver.



- MEK flame temperature reaches 1300°C
- Use in micro welding machines
- Perfect temperatures and flame size
- Please note: For soldering platinum use Methylated Sprits

Code	Description	иом	Price
C4351	Methyl Ethyl Ketone, 1 Litre	1LT	£7.60

Methyl Ethyl Ketone, 5 Litre

Methyl Ethyl Ketone - M.E.K.

The most common fuel to use in a micro flame/welder soldering unit. Achieve the perfect temperature and size of flame when soldering gold and silver.





- MEK flame temperature reaches 1300°C
- Use in micro welding machines
- Perfect temperatures and flame size
- Please note: For soldering platinum use Methylated Sprits

Code	Description	UOM	Price
C4352	Methyl Ethyl Ketone, 5 Litre	5LT	£29.95

PENDANT MOTORS, HANDPIECES, ACCESSORIES & ATTACHMENTS

FOREDOM PENDANT DRILL MOTORS

FOREDOM[®]

Tips.

The LX pendant motor (FDLX2TXR) will give you high torque but low speed (5.000 RPM) while the Jewellers Kits & SR Slip joint pendant motors (K2220CE & K2230CE) will give you less torque but plenty of power with 1/6HP, reversible rotation (not available in the LX) and maximum speed of 18.000 RPM. The Jewellers Kits & SR Slip Joint will work fine with way but also with metal applications and

with wax but also with metal applications and other jobs where you need speeds above 5.000 RPM.

Please be sure to read the Owner's Manual before operating the flexible shaft system and later on visit Foredom's website www.foredom. net and view the short duration videos on maintenance.

The videos on flexible shaft and sheath maintenance and carbon brush inspection and replacements are highly recommended so that you can perform routine maintenance of you new Foredom motor

Jewellers Kit with "Quick Release" Handpiece



Popular (U.S.A.) Key Tip Fitting

Supplied complete with "Quick Release Handpiece" (our code FD20)

Foredom K2220 Contains:

• New 1/6 HP Reversible SR Motor

- Max speed 18000 RPM
- FCT foot operated speed control
- Handpiece (No.20) quick release (for Ø2.35mm shank burrs only)
- U.S style, key tip hand fitting
- Will take any of our USA style, key tip fitting hand pieces
- 90cm long flexshaft
- Accessory kit (43 pieces) see below
- · Rotating burr and tool holder
- Flex shaft grease
- 220/230 Volts
- CE marked
- UK plug
- 2 year warranty

Accessory kit includes various shapes, sizes and grits of CW polishing wheels, satin finishers, brushes, Scotch Brite radial discs, HSS engraving burrs, cut off disc, polishing compound, sanding bands, rubber bonded abrasive wheels and mandrels

Available separately:

- Replacement Brushes: MP132P
- Dial speed control (table top): F48215
- Replacement inner shaft: FD93
- Replacement outer shaft: FD77
- Replacement inner shaft, extra long: F48234
- Replacement outer shaft, extra long: F48233

Code	Description	UOM	Price
K2220CE	Jewellers Kit & No20 "Quick Release" Handpiece	EACH	£225.00

Jewellers Kit with "3 Jaw" Handpiece



Popular (U.S.A.) Key Tip Fitting

Supplied complete with "3 Jaw Handpiece" (our code FD30)

Foredom K2230 Contains:

- New 1/6 HP Reversible SR Motor
- Max speed 18000 RPM
- \bullet FCT foot operated speed control
- Handpiece (No.30) 3 Jaw (takes up to Ø4mm shank burr)
- U.S style hand fitting
- Will take any of our USA style, key tip fitting hand pieces
- 90cm long flexshaft
- Chuck Key
- Accessory kit (43 pieces) see below
- · Rotating burr and tool holder
- Flex shaft grease
- 220/230 Volts
- CE marked
- UK plug
- 2 year warranty

Accessory kit includes various shapes, sizes and grits of CW polishing wheels, satin finishers, brushes, Scotch Brite radial discs, HSS engraving burrs, cut off disc, polishing compound, sanding bands, rubber bonded abrasive wheels and mandrels

Available separately:

- Replacement Brushes: MP132P
- Dial speed control (table top): F48215
- Replacement inner shaft: FD93

- Replacement outer shaft: FD77
- Replacement inner shaft, extra long: F48234
- Replacement outer shaft, extra long: F48233

Code	Description	иом	Price
K2230CE	Jewellers Kit & No30 Handpiece	EACH	£215.00

Low Speed, High Torque (Foredom LX)



Popular (U.S.A.) Key Tip Fitting with "High Torque - Low Speed"

Foredom LX Contains:

- Permanent Magnet Motor
- Foot operated speed control
- 2 Year Warranty
- 1/10 HP motor
- 90cm long flexshaft
- 220/230 Volts
 CE marked
- UK plug

Best for jobs requiring "Extra Torque" at low speed up to 5,000rpm

Specifically designed for low speed / high torque applications, LX motors offer the added power needed for low speed jobs like stone setting, wax modeling and pearl drilling.

Ball bearing motor features full power and torque from start up through to maximum speed of 5,000rpm.

These motors are ideal for use with Foredom's drill presses. They also are well matched with 15 & 15D hammer hand piece (our codes FD15 & FD15D).

Series LX motors come with standard length shafts and more flexible neoprene sheaths for connecting to any of our 20 plus quick disconnect handpieces.

- U.S style hand fitting
- Will take any of our USA style, key tip fitting hand pieces

Available separately:

- Replacement Brushes: MP319P
- Dial speed control (table top): F48216
- Replacement inner shaft: FD93
- Replacement outer shaft: FD77
- Replacement inner shaft, extra long: F48234
- Replacement outer shaft, extra long: F48233

Code	Description	иом	Price
FDLX2TXR	LX High Torque Motor, Low Speed - Foredom	EACH	£205.00

Rotary Drill & Tool Kit

See Page 661





Slip Joint (Foredom SR) FOREDOM[®]

"European Slip joint Fitting"

Foredom SR Kit Includes:

- Reversible Motor
- · Foot pedal speed control
- European "slip joint" hand piece fitting shaft
- 90cm long flexshaft

Foredom flexible shaft power tool with European motor & slip joint flexible shaft and foot control.

- Motor has the power and speed required for industrial applications
- · Ideal for Jewellery production, woodcarving, sculpting and other work
- There is a selection of nine interchangeable European slip joint handpieces to use with it
- · All the power and speed needed to accomplish every job without stalling or slowing down while under normal load
- Will take any of our European style, slip joint fitting

Foot control has a power cable with UK style plug.

- · CE marked and meet all electrical and safety requirements.
- Variable Speed from 0 to 18,000 RPM
- 1/6 Horsepower
- 125 Watts, 9 Amps
- Reversible universal motor with ball bearings runs in forward and reverse
- For use on 220 Volts
- Two year warranty
- European style hand fitting
- UK plug

Available separately:

- Replacement Brushes: MP132P
- Dial speed control (table top): F48215
- Replacement inner shaft: FD108141
- Replacement outer shaft: FD108142

Code	Description	иом	Price
FDSR2CE	Foredom SR Slip Joint Motor with Foot Control	EACH	£199.95





FOREDOM PENDANT DRILL HANDPIECES, COLLETS & **MAINTENANCE**

Popular (U.S.A.) Key Tip **Fitting Handpieces**



Popular (U.S.A.) Key Tip Fitting Handpieces

What is an Interchangeable Handpiece?

Foredom's Quick Disconnect or "QD" feature makes it fast and easy to interchange handpieces to any flexible shaft.

QD refers to the back portion of Foredom's extensive selection of "QD" type handpieces. Inside the QD is a round connector with a slot that accepts the "keyed tip" on the end of the flexible shaft.

Since the QD's are the same on all handpieces of this type, they are interchangeable and can be attached or removed with ease.

When attaching a handpiece, be sure that the keyed tip of the flexible shaft is properly lined

the slot in the back end by looking inside before pushing it on.

To remove, simply pull the handpiece off the shaft with a firm grip.

No.8 - Slim with Chuck Guard

FOREDOM



The H.8 is also a slim collet type handpiece with prelubricated ball bearings that require no maintenance. It has a chuck guard that slides back when changing burs. Comes with 3/32" and 1/8" collets and chuck wrenches for changing collets and accessories.

Collets: Other fractional and metric collets are available separatel and in Collet Set D0455 (HP600).

Dimensions:

- 6 1/8" Long
- 5/8" Diameter
- Weight 3.55 oz.

Code	Description	UOM	Price
FD8	Handpiece (No.8) - Slim with Chuck Guard	EACH	£54.95

No.8D - Slim with Chuck **Guard & Duplex Spring**



Collet-type chuck handpiece with slim design and chuck guard sleeve that protects fingers when working close and slides back when changing collets and accessories

Comes with 3/32" (2.35mm) and 1/8" (3.18mm) collets, and set of chuck wrenches.

Collets: Other fractional and metric collets are available separatel and in Collet Set D0455 (HP600).

Dimensions:

- 9 3/8" Long
- 5/8" Diameter
- Weight 5.2 oz.

Code	Description	иом	Price
FD8D	Handpiece (No.8D) - Slim with Chuck Guard & Duplex Spring	EACH	£59.95

No.10 - Rotating Lever **Quick Release**



The H.10 is a slender handpiece with rotating lever action that releases and closes the collet for quick and easy changes. It requires lubrication after the first 2-3 months of continuous use. For use ONLY with 2.35mm (3/32") burs.

Dimensions:

- 7 5/16" Long
- 21/32" Diameter
- Weight 4.55 oz.

Code	Description	UOM	Price
FD10	Handpiece (No.10) - Rotating Lever Quick Release	EACH	£169.95

No.10D - Rotating Lever Quick Release with Duplex Spring



The H.10 is a slender handpiece with rotating lever action that releases and closes the collet for quick and easy changes. It requires lubrication after the first 2-3 months of continuous use. For use ONLY with 2.35mm (3/32") burs.

Dimensions:

- 7 5/16" Long
- 21/32" Diameter
- Weight 4.55 oz.

Code	Description	UOM	Price
FD10D	Handpiece (No.10D) - Rotating Lever Quick Release with Duplex Spring	EACH	£189.95

No.15 - Hammer Action

FOREDOM'



· Handpiece has a reciprocating rather than rotary action and is used at low speed (0-5,000 rpm) by jewellers for stone setting and decorative work. It requires periodic lubrication.

• The hammer has a 1/32" stroke and its impact force can be adjusted from light to heavy by turning the silver knurled adjusting ring.

• It comes with an Anvil Point (10177) and pin for

installing and tightening points.
•A Pavé point (R15PT) for special texturing and stylus with carbide tip (10212) for marking or scribing hardened steel are available separately.

- · Dimensions:
- 6 1/4" long
- 1/4" diameter at tip
- Weight 3.65 oz

Code	Description	иом	Price
FD15	Handpiece (No.15) - Hammer Action	EACH	£99.95

No.15D - Hammer Action with Duplex Spring

FOREDOM'



- Handpiece has a reciprocating rather than rotary action and is used at low speed (0-5,000 rpm) by jewellers for stone setting and decorative work.
- It requires periodic lubrication.
- The hammer has a 1/32" stroke and its impact force can be adjusted from light to heavy by turning the silver knurled adjusting ring.
- It comes with an Anvil Point (10177) and pin for installing and tightening points.
- •A Pavé point (R15PT) for special texturing and stylus with carbide tip (10212) for marking or scribing hardened steel are available separately.
- Dimensions:
- 6 1/4" long
- 1/4" diameter at tip
- Weight 3.65 oz

Code	Description	UOM	Price
FD15D	Handpiece (No.15D) - Hammer Action with Duplex Spring	EACH	£114.50

No.18 - Press Quick Release



Foredom's most popular Quick Change handpiece features a super slim grip and lever action that opens and closes the collet.

The H.18 is for use with only 2.35mm (3/32") shank burs. A press lever action is all that is required to change accessories. It features a very slim grip and pre-lubricated ball bearings that do not require any lubrication .Removing and cleaning of the precision collet is easy to do.

Collet: FDHP703

Dimensions:

- 7" Long
- 19/32" Diameter
- · Weight 3.65 oz.

Tip: When you go to pull the bur out, press the lever and press bur IN slightly before removing. This makes removing the burr much easier!

Code	Description	иом	Price
FD18	Handpiece (No.18) - Press Quick Release	EACH	£99.95

No.18D - Press Quick Release with Duplex Spring



Foredom's most popular Quick Change handpiece features a super slim grip and lever action that opens and closes the collet

The H.18 is for use with only 2.35mm (3/32") shank burs. A press lever action is all that is required to change accessories. It features a very slim grip and pre-lubricated ball bearings that do not require any lubrication.Removing and cleaning of the precision collet is easy to do.

Collet: FDHP703

Dimensions:

- 10 3/8" Long
- 19/32" Diameter
- · Weight 5.305 oz.

Tip: When you go to pull the bur out, press the lever and press bur IN slightly before removing. This makes removing the burr much easier!

Code	Description	UOM	Price
FD18D	Handpiece (No.18D) - Press Quick	EACH	£115.00

No.20 - Lever Quick Release



The H.20 is for exclusive use with 3/32" (2.35mm) shank burs. A lever action on the the handpiece body is all that is required to change accessories. It has a molded plastic front grip with tapered sides for easy and close handling, plus pre-lubricated ball bearings that do not require additional lubrication.

The collet in this handpiece can be replaced and/or adjusted if the hold on a bur shank is not secure. Collet: FDHP31008

Dimensions:

- 5 5/8" Long
- 1 1/8" Diameter (center) 3/8" diameter (front taper)

Code	Description	иом	Price
FD20	Handpiece (No.20) - Lever Quick Release	EACH	£59.95

No.20D - Lever Quick Release with Duplex Spring



The H.20 is for exclusive use with 3/32" (2.35mm) shank burs. A lever action on the the handpiece body is all that is required to change accessories. It has a molded plastic front grip with tapered sides for easy and close handling, plus pre-lubricated ball bearings that do not require additional lubrication.

The collet in this handpiece can be replaced and/or adjusted if the hold on a bur shank is not secure. Collet: FDHP31008

Dimensions:

- 10 1/8" Long
- 1 1/8" Diameter (center) 3/8" diameter (front taper)
- · Weight 5.40 oz.

Code	Description	UOM	Price
FD20D	Handpiece (No.20D) - Lever Quick Release with Duplex Spring	EACH	£68.25

No.25 - Heavy Duty with Collet Fitting

FOREDOM



- Nos. 25 and 25C are precision handpieces made for continuous production work.
- Two models available with collets (No. 25) or eared 3-jaw No.0 chuck (No. 25C)
- · Both have heavier duty housings and double shielded ball bearings
- No. 25 comes with 1/8" (3.18mm) and 1/4" (6.35mm) collets, and pin and chuck wrench.
- Other fractional and metric collets are available separately and in Collet Set FDHP103000.

Dimensions:

- 5 3/8" long,
- 1 1/32" diameter
- · Weight 7.15oz.

Code	Description	UOM	Price
FD25	Handpiece (No.25) - Heavy Duty with Collet Fitting	EACH	£99.00



No.25C - Heavy Duty with 3 Jaw Chuck Fitting

FOREDOM[®]



- · Nos. 25 and 25C are precision handpieces made for continuous production work.
- Two models available with collets (No. 25) or eared 3-jaw No.0 chuck (No. 25C).
- · Both have heavier duty housings and double shielded ball bearings.
- No. 25C comes with geared 3-jaw No.0 chuck with 0-5/32" (4mm) capacity and CK-0 chuck key shown at left.
- Other fractional and metric collets are available separately and in Collet Set FDHP103000.

Dimensions:

- 5 5/8" long
- 1 1/32" diameter
- · Weight 8.4 oz.

Code	Description	иом	Price
FD25C	Handpiece (No.25C) - Heavy Duty with 3 Jaw Chuck Fitting	EACH	£99.00

No.28 - Tapered Grip

FOREDOM



The H.28 has a slender, comfortable design with tapered grip and pre-lubricated ball bearings that do not require lubrication. Comes with 3/32" and 1/8" collets, and pin and chuck wrench for changing collets and accessories.

Dimensions:

- 5 1/4" Long
- 23/32" Diameter (center), 1/2" diameter (taper)
- · Weight 3 oz.

Collets: Other fractional and metric collets are available and in Collet Set FDHP600 (HP600).

5 1/4" long, 3/4" diameter (center), 1/2" diameter (taper), weight 3 oz.

Code	Description	иом	Price
FD28	Handpiece (No.28) - Tapered Grip	EACH	£47.95

No.30 - 3 Jaw Chuck Fitting, Popular

FOREDOM



The H.30® general purpose handpiece has prelubricated ball bearings that require no maintenance (no additional lubrication). Comes with HPCK-0 Chuck Key in molded plastic handle for changing accessories. Replacement chuck keys are shown below in related products.

Dimensions:

- 5 3/16" Long
- 1" Diameter
- · Weight 5.85 oz.
- · Can take up to Ø4mm shank burr

Various bench top tools attach to this versatile handpiece, such as the Foredom drill press, Angle Grinder Attachment, Belt Sander Attachment, Handpiece Holder, and AllSet® Stone Setting Kits.

Code	Description	иом	Price
FD30	Handpiece (No.30) - 3 Jaw Chuck Fitting, Popular	EACH	£49.95





No.35 - Speed Increaser

FOREDOM[®]



Unique handpiece with a ball bearing speed increaser that produces 2.5 times the speed of the motor. This feature makes it perfect for bright cutting with diamond flywheels and other high speed work with carbide and diamond points.

- No. 35 handpiece comes with a 1/8" (3.18mm) collet installed unless otherwise specified.
- Other fractional and metric collets are available separately and in Collet Set 103000.

Dimensions:

- 5 1/8" long
- 1 3/16" diameter
- · Weight 8 oz.

Note: This handpiece should not be operated at speeds faster than 35,000 rpm.

When connected to your standard Foredom motor (that runs up to 18,000 rpm), motor speed must be kept at 14,000 rpm or less (75% of full no-load speed). We recommend using the No. 35 with the powerful TXM bench-style motor which has a built-in dial control, or the TX hang-up model with the EMX dial control for setting and holding speed to within 35,000 rpm range.

Another option is using a standard motor with an EM dial control.

Code	Description	иом	Price
FD35	Handpiece (No.35) - Speed Increaser	EACH	£115.00

No.44T - Tapered Grip for Large Collets

FOREDOM'



The H.44T is a collet type handpiece that accepts accessories with up to 1/4" diameter shanks. Has prelubricated ball bearings that require no maintenance. Comes with 3/32", 1/8" and 1/4" collets, pin and wrench for changing collets and accessories.

Dimensions:

- 5 5/8" Long
- 1" diameter (center), 3/4" diameter (taper)
- · Weight 5.85 oz.

Other size collets are available separately or in Collet Set FDHP440 (HP440)

Code	Description	иом	Price
FD44T	Handpiece (No.44T) - Tapered Grip for Large Collets	EACH	£47.95

No.55D - 18 Degree Contra **Head with Duplex Spring**

FOREDOM'



No. 55A 18° contra-angle handpiece is good for intricate and delicate jobs in awkward and hard-toreach spots. Angle head handpieces are for light and intermittent work and the miniature gears in their heads require frequent lubrication.

- They come with two latch-type mandrels.
- Can also be used with latch-type steel burs, mounted abrasive points, and diamond points.

Dimensions

- 6 1/8" long
- 7/16" diameter
- maximum head dimension 5/8"

· Weight 2.1 oz.

Code	Description	иом	Price
FD55D	Handpiece (No.55D) - 18 Degree Contra Head with Duplex Spring	EACH	£85.95

No.56D - Right Angle Head with Duplex Spring

FOREDOM[®]



No. 56A is similar to 55A except that it has a rightangle head. Angle head handpieces are for light and intermittent work and the miniature gears in their heads require frequent lubrication.

- They come with two latch-type mandrels.
- Can also be used with latch-type steel burs, mounted abrasive points, and diamond points

Dimensions:

- 9 1/2" long
- 7/16" diameter
- Maximum head dimension 5/8"
- Weight 4 oz

Code	Description	иом	Price
FD56D	Handpiece (No.56D) - Right Angle Head with Duplex Spring	EACH	£85.95

Slip Joint (European) **Fitting Handpieces**



Large range of slip joint headpieces available and also see our listings for spare collets, hammer heads etc.

A slip joint fitting is widely used by European manufactures. Simply press the lever pull the hand piece and you will find it easily detaches/

In stock now we have a slip joint pendant drill (code FDSR2CE) so if you prefer this type of fitting all you have to do is choose a hand piece for your criteria

One can appreciate Foredom's high standard of quality in the industry. Foredom slip joint hand pieces are one of the market leaders in this field across Europe.

No.8SJ - Slim with Chuck Guard



- Comes with 2.35mm (3/32") and 3mm collets, and chuck wrench set.
- Collet-type chuck handpiece with slim design and chuck guard sleeve that protects fingers when working up close and slides back when changing collets and accessories.
- Comes with 3/32" (2.35mm) and 1/8" (3.18mm) collets, and set of chuck wrenches.
- · Other fractional and metric collets are available separately, and in Collet Set 600.

- Dimensions
- 5 ½" long
- 5/8" diameter
- Weight 3.5 oz.

Code	Description	UOM	Price
FD8SJ	Handpiece (No.8SJ) - Slim with Chuck Guard	EACH	£54.95

No.15SJ - Hammer Action

FOREDOM'

- · Handpiece has a reciprocating rather than rotary action and is used at low speed (0-5000 rpm) by jewelers for stone setting and decorative work.
- It requires periodic lubrication.
- The hammer has a 1/32" stroke and its impact force can be adjusted from light to heavy by turning the silver knurled adjusting ring.
- It comes with an Anvil Point (10177) and pin for installing and tightening points.
- A Pavé Point (R15PT) for special texturing and Stylus with Carbide Tip (10212) for marking or scribing hardened steel are available separately.
- · Dimensions:
- 5/8" long
- 1/4" diameter at tip
- Weight 3.55oz.

Code	Description	иом	Price
FD15SJ	Handpiece (No.15SJ) - Hammer Action	EACH	£104.50

No.18SJ - Press Quick Release



- Foredom's most popular Quick Change handpiece features a super slim grip and lever action that opens and closes the collet
- It has pre-lubricated ball bearings that do not require lubrication
- Removing and cleaning of the precision collet is easy to do.
- Collet: FDHP703
- Dimensions:
- 6 3/8" long
- 19/32" diameter
- Weight 3.6 oz.

Tip: When you go to pull the bur out, press the lever and press bur IN slightly before removing. This makes removing the burr much easier!

Code	Description	иом	Price
FD18SJ	Handpiece (No.18SJ) - Press Quick Release	EACH	£104.95

No.20SJ - Lever Quick Release



- The No. 20SJ has a molded plastic front grip with tapered sides for easy and close handling.
- It has pre-lubricated ball bearings that do not require lubrication.
- Dimensions
- 5 1/2" long
- 5 1/64" diameter
- Weight 5.3 oz.

Code	Description	иом	Price
FD20SJ	Handpiece (No.20SJ) - Lever Quick Release	EACH	£59.95

No.28SJ - Tapered Grip

FOREDOM'



- Comes with 2.35mm (3/32") and 3mm collets, and pin and chuck wrench set.
- · Collet-type chuck handpiece with a slender, comfortable design and tapered grip.
- Comes with 3/32" (2.35mm) and 1/8" (3.18mm) collets, and pin and chuck wrench.
- Other fractional and metric collets are available separately, and in Collet Set 600.
- Dimensions
- 5 1/4" long
- 3/4" diameter (center), 1/2" diameter (taper)
- Weight 3 oz.

Code	Description	иом	Price
FD28SJ	Handpiece (No.28SJ) - Tapered Grip	EACH	£46.95

No.30SJ - 3 Jaw Chuck Fitting, Popular



- Comes with geared 3-jaw No.0 chuck with 0-4mm (5/32") capacity and CK-0 chuck key.
- Foredom's most popular handpiece features a geared 3-jaw No.0 chuck that takes any size shank accessory or drill bit up to 5/32" (4mm).
- Comes with the CK-0 chuck key with molded plastic
- · Various bench top tools are available to work with the versatile No. 30, including
- · Foredom's drill presses, and handpiece holder, and the allset stone setting and other kits.

Dimensions:

- 5 3/4" long • 1" diameter
- Weight. 6.45 oz.
- Can take up to Ø4mm shank burr

Code	Description	иом	Price
FD30SJ	Handpiece (No.30SJ) - 3 Jaw Chuck Fitting, Popular	EACH	£49.95

No.35SJ - Speed Increaser



- Unique handpiece with a ball bearing speed increaser that produces 2.5 times the speed of the motor. This feature makes it perfect for bright cutting with diamond flywheels and other high speed work with carbide and diamond points.
- No. 35SJ handpiece comes with a 1/8" (3.18mm) collet installed unless otherwise specified.
- · Other fractional and metric collets are available separately and in Collet Set 103000.
- •Dimensions:
- 6 1/4" long
- 1 3/16" diameter
- Weight 9.45 oz.

Note: This handpiece should not be operated at speeds faster than 35,000 rpm.

When connected to your standard Foredom motor (that runs up to 18,000 rpm), motor speed must be kept at 14,000 rpm or less (75% of full no-load speed). We recommend using the No. 35 with the powerful TXM bench-style motor which has a built-in dial control, or the TX hang-up model with the EMX dial control for setting and holding speed to within 35,000 rpm range.

Another option is using a standard motor with an EM dial control.

Code	Description	иом	Price
FD35SJ	Handpiece (No.35SJ) - Speed Increaser	EACH	£115.10

No.44TSJ - Tapered Grip for Large Collets

FOREDOM



- Collet-type chuck handpiece accommodates accessories with shank sizes up to 1/4" in diameter.
- Comes with three collets-3/32" (2.35mm), 1/8" (3.18mm) and 6.00mm and pin and chuck wrench.
- Other fractional and metric collets are available separately and in Collet Set 440.
- Can also be used in Foredom's handpiece holder and drill presses.
- Dimensions
- 6 1/4" long
- 1" diameter (center), 3/4" diameter (taper)
- Weight 6.75 oz.

Code	Description	иом	Price
FD44TSJ	Handpiece (No.44TSJ) - Tapered Grip for Large Collets	EACH	£47.95

No.52SJ - Push/Pull Quick Release

FOREDOM



- The No. 52SJ has a durable plastic barrel and grip that is comfortable to hold.
- It is smooth running with pre-lubricated ball bearings that do not require any lubrication.
- · A push/pull action on the handpiece body is all that is required to change accessories.
- Dimensions
- 5 1/2" long
- 51/64" diameter
- Weight 2.95 oz.

Code	Description	UOM	Price
FD52SJ	Handpiece (No.52SJ) - Push/Pull Quick Release	EACH	£103.95

Handpiece Collets & Spares

Our range of Foredom collets and other spares & accessories are for our large range of Foredom hand pieces.

(Please note that we can only recommend that Foredom spares fit Foredom hand pieces)

Chuck Key (3 Jaw) - Foredom



- Chuck Key (No.0) in Plastic Molded Handle
- For handpiece Nos. 30, 30H, 30SJ, and 25C

The comfortable plastic handle makes accessory changes easier and the key more difficult to misplace.

Code	Description	UOM	Price
FDCK0	Chuck Key (3 Jaw) - Foredom	EACH	£4.95

Collets, Handpieces 8 & 28

FOREDOM[®]



- HP600 Foredom collets
- Set of 4 & replacements
- For handpieces 8, 8D, 8SJ, 28 & 28SJ

Collets:

- HP602 = Ø1.60mm (1/16")
- HP603 = Ø2.35mm (3/32")
- HP604 = Ø3.18mm (1/8")
- HP605 = Ø3.00mm

Set (HP600) contains 4 collets:

- HP602 = Ø1.60mm (1/16")
- HP603 = \emptyset 2 35mm (3/32")
- HP604 = Ø3.18mm (1/8")
- HP605 = Ø3.00mm

Code	Description	иом	Price
D0455	Set of 4, Foredom HP600	PACK*4	£19.95
FDHP602	Ø1.60mm (1/16") HP602	EACH	£5.60
FDHP603	Ø2.35mm (3/32") HP603	EACH	£5.60
FDHP605	Ø3.00mm HP605	EACH	£5.60
FDHP604	Ø3.18mm (1/8") HP604	EACH	£5.60

Collets, Handpieces 18

- HP703 Foredom Collet
- For Handpiece 18 & 18D



Code	Description	UOM	Price
FDHP703	HP703 Foredom Collet	EACH	£19.95

Collets, Handpieces 20

- HP3-1008 Foredom Collet
- For Handpiece 20 & 20D
- Includes 1.5mm Hex Key



Code	Description	иом	Price
FDHP31008	HP3-1008 Foredom Collet	EACH	£8.95







Collets, Handpieces 25 & 35

FOREDOM[®]



- HP103000 Foredom Collets
- Set of 5 & Replacements
- For Handpieces 25, 25H, 35 & 35SJ

Collets:

- Ø1.60mm (1/16") Foredom HP103116
- Ø2.35mm (3/32") Foredom HP103115
- Ø3.00mm Foredom HP103124*
- Ø3.18mm (1/8") Foredom HP103114
- Ø4.00mm Foredom HP103126*
- Ø4.80mm (3/16") Foredom HP103113
- Ø4.0011111 (5/10) TOTCOON THE 10511
- Ø6.00mm Foredom HP103119*
- Ø6.35mm (1/4") Foredom HP103116
- * Additional to set HP103000

Set (HP103000) Contains 5 collets:

- HP103116 = Ø1.60mm (1/16")
- HP103115 = Ø2.35mm (3/32")
- HP103114 = Ø3.18mm (1/8")
- HP103113 = Ø4.80mm (3/16")
- HP103112 = Ø6.35mm (1/4")

Code	Description	UOM	Price
FDHP103000	Set of 5, Foredom HP103000	PACK*5	£59.95
FDHP103116	Ø1.60mm (1/16") HP103116	EACH	£13.85
FDHP103115	Ø2.35mm (3/32") HP103115	EACH	£13.85
FDHP103124	Ø3.00mm HP103124*	EACH	£13.85
FDHP103114	Ø3.18mm (1/8") HP103114	EACH	£13.85
FDHP103126	Ø4.00mm HP103126*	EACH	£13.85
FDHP103113	Ø4.80mm (3/16") HP103113	EACH	£13.85
FDHP103119	Ø6.00mm HP103119*	EACH	£13.85
FDHP103112	Ø6.35mm (1/4") HP103116	EACH	£13.85

Collets, Handpieces 43 & 44



- HP440 Foredom Collets
- Set of 7 & Replacements
- For Handpieces 43T, 44, 44T, 44TE, 44TSJ & 44HT Collets:
- Ø1.60mm (1/16") Foredom HP441*
- Ø2.35mm (3/32") Foredom HP442
- Ø3.00mm Foredom HP448
- Ø3.18mm (1/8") Foredom HP443
- Ø4.00mm (5/32") Foredom HP444
- Ø4.80mm (3/16") Foredom HP445
- Ø6.00mm Foredom HP449
- Ø6.35mm Foredom HP447

* Additional to set HP440

Code	Description	UOM	Price
FDHP440	Set of 7, Foredom HP440	PACK*7	£35.95
FDHP442	Ø2.35mm (3/32") Foredom HP442	EACH	£4.95
FDHP448	Ø3.00 Foredom HP448	EACH	£4.95
FDHP443	Ø3.18mm (1/8") Foredom HP443	EACH	£4.95
FDHP444	Ø4.00mm (5/32") Foredom HP444	EACH	£4.95
FDHP445	Ø4.80mm (3/16") Foredom HP445	EACH	£4.95
FDHP449	Ø6.00mm Foredom HP449	EACH	£4.95
FDHP447	Ø6.35mm Foredom HP447	EACH	£4.95

Collets, Handpieces 52

- HP5263 Foredom Collet
- For handpiece 52



Code	Description	UOM	Price
FHP5263	HP5263 Foredom Collet	EACH	£24.50

Duplex Spring



- Foredom handpiece duplex spring
- Spare spring for all Foredom duplex hand pieces
- To prevent damage spring should not be bent more than 45°
- Foredom HP76
- Made in USA

Code	Description	иом	Price
FDHP76	Duplex Spring	EACH	£11.50

Handpiece Rubber Grip (Foredom)

FOREDOM



Handpiece Grip

This 1/8" thick rubber cushion provides an added layer of comfort to Handpiece Nos. 30 and 30SJ. Grip slides on easily but holds firmly. (Handpiece not included.)

Code	Description	иом	Price
FDG30	Foredom Rubber Handpiece Grip	EACH	£1.95

Nose Cone for Handpiece No.20 (Foredom)





- Replacement Nose Cone & Washer
- Handpiece No.20, No.20D, No.20SJ
- Black plastic screw on cone

Felt washer

Code	Description	UOM	Price
FDHP31002	Felt Washer for No.20 Handpiece	EACH	£1.50
F20791	Plastic Nose Cone for No.20 Handpiece	EACH	£2.50

Handpiece Adapters

Duplex Adapters



Pendant Motor Duplex Adapters - Foredom

- Turns any handpiece into a duplex spring handpiece
- Gives the flexibility of a duplex spring handpiece as and when required
- Will work with the popular FD30 handpiece
- For use with key tip (USA) style motors only
- Can be used with either key tip (USA) or slip joint handpieces
- FDHP776 will convert a key tip (USA) motor for use with a slip joint handpiece
- Not for use with the Foredom filer (FD89130SJ), the Foredom angle grinder (FDAK69110) or the Foredom belt sander (FDAK797230)

Code	Description	иом	Price
FDHP775	Key Tip (USA) Handpeice Duplex Adapter	EACH	£49.95
FDHP776	Slip Joint Handpeice Duplex Adapter	EACH	£51.50

Shaft Conversion Adapters



Pendant Motor Shaft Adapters - Foredom

- Easily convert your existing pendant motor for use with any handpiece
- No need to convert the entire shaft
- Simply attach to existing shaft end
- Convert a key tip (USA) motor for use with slip joint fitting handpiece
- Convert a slip joint motor for use with key tip (USA) fitting handpieces

Code	Description	иом	Price
FDHP770	Key Tip (USA) to Slip Joint Conversion Adapter	EACH	£38.50
FDHP771	Slip Joint to Key Tip (USA) Conversion Adapter	EACH	£38.50



Slip Joint Conversion



This complete conversion kit will convert any US handpiece style fitting motor to a European handpiece

- Will convert kits K2230CE and K2220CE to European handpiece style fitting
- Use the UA540 if you already own a slip joint style shaft & sheath
- · Also contains all items necessary for a complete replacement of an exisiting slip joint assembley
- Replacement slip joint inner & outer shaft for Cousins code FDSR2CE

Complete Conversion Assembly (includes FD10810A European style shaft and sheath and UA540 Motor Coupling and Connector Kit.)

Code	Description	иом	Price
FD10811	Foredom Slip Joint Conversion Assembly Complete	EACH	£24.95
UA540	Foredom Slip Joint European Motor Coupling & Connector Kit	EACH	£10.95

FOREDOM PENDANT MOTOR ATTACHMENTS

Angle Grinder Attachment & Accessories - Foredom

FOREDOM°



Used for a broad range of grinding, sanding, polishing and finishing, work with Ø52mm (2" inch) and smaller discs and 3/8" inch arbor hole wheels.

Versatile angle grinder attaches to Foredom handpieces H30, H30H & H30SJ. It is quality machined, sturdy and compact.

- Optimum operating speed: 10,000 to 15,000 RPM
- Maximum RPM: 18.000 for short intervals
- 0.75 to 1 gear reduction
- Length: 80mm
- Width: 64mm • Depth: 70mm
- · One year warranty

Code	Description	иом	Price
FDAK69110	Angle Grinder & Accessories Kit	EACH	£89.95



Belt Sander Attachment & Accessories - Foredom



The Belt Sander Attachment Offers a Power Assist to Sanding Jobs.

Power sand & smooth metals, wood, acrylic & composite materials with ease!

- Attaches over the top of a Foredom FD30 (USA key tip) or Foredom FD30SJ (Slip Joint) handpiece
- · Quality machined aluminium construction
- · Has 3 permanently lubricated ball bearings
- Why not try with the handpiece holder accessory (item FDHH30) for hands-free control

Item AK797230 (with Handpiece) Includes:

- Handpiece FD30 (USA key tip fitting)
- · Chuck Key
- Hex Key
- 180 grit belt installed
- 3 each 100, 180 & 240 grit replacement belts

Item AK797210 (without Handpiece) includes:

- Hex Key
- 180 grit belt installed
- 3 each 100, 180 & 240 grit replacement belts

Belt Sander Dimensions:

- Length 125mm
- Widest Point 45mm
- Height 50mm
- Sandpaper belts measuring 7mm x 257mm

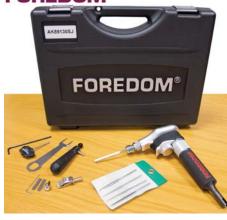
Code	Description	UOM	Price
FDAK797230	Belt Sander with Handpiece	EACH	£105.00
FDAK797210	Belt Sander without Handpiece	EACH	£64.95
FDA797415	Sandpaper Belts, 100 Grit	PACK*5	£2.85
FDA797425	Sandpaper Belts, 180 Grit	PACK*5	£2.85
FDA797435	Sandpaper Belts, 240 Grit	PACK*5	£2.85
FDA797445	Sandpaper Belts, 320 Grit	PACK*5	£2.85
FDA797455	Sandpaper Belts, 600 Grit	PACK*5	£2.85
FDA797465	Sandpaper Belts, 1000 Grit	PACK*5	£2.85
FDAK797409	Sandpaper Belts, Coarse Assortment	PACK*9	£4.05
FDAK797429	Sandpaper Belts, Fine Assortment	PACK*9	£4.05





Filer Attachment & **Accessories - Foredom**

FOREDOM[®]



Foredom Filer

This brand new and exciting tool is a hand piece attachment that offers a power assist to tiresome hand filing operations and can be used to hone, polish and lap on straight or curved surfaces. Ideal for tool and die manufacturers, machine shops or any jewellery application where fine filing or using abrasive stones with precision is required.

- Capable of 4000 strokes per minute
- Adjustable stroke length from 0 to 5mm
- Pistol grip for ergonomic easy handling
- · Pre-lubricated and never requires additional lubrication
- Holds a range of shank sizes, from Ø2.35mm to Ø6.4mm
- 2.5:1 motor gear reduction
- Attaches to any Foredom H30 hand piece
- Foredom AK89130SJ
- · Made in USA

Kit includes:

- Filer head
- H30 handpiece (slip joint fitting)
- Handpiece grip
- · Long arm hex wrench
- Drive cup x 2
- · Abrasive tool holder
- Can hold bars up to 10mm wide and 5mm thick
- Rods up to Ø3.18mm
- V collet block insert x 2
- Diamond needle file set of 5 (flat, half round, round, square & oval)
- Plastic, breifcase style carrying case with custom foam

Code	Description	иом	Price
FD89130SJ	Filer Kit, Foredom	EACH	£475.00

Pendant Motor Drill Press



The FDPDP30 Drill Presses are designed for use with FD30 & FD44T Handpieces matched with any Foredom



flexible shaft Pendant Motor.

Our drill presses securely hold your handpieces in a fixed vertical position ensuring accurate, straight and true drilling of holes to specified depths. They are also ideal for modelling, spot-facing, countersinking and reaming in wood, wax, plastic, metal, glass and gemstone.

For drilling, generally high speed steel, carbide and diamond drills are most often used. Whatever accessory you use, let the speed of the tool do the work. Too much feeding pressure can damage or break your drill and may cause loss of control. Twist drills are often used for drilling holes in metals, woods and plastics.

On work items with rounded surfaces such as rods, it is a good idea to center punch a starting hole to keep the tip of the drill from "walking" or wandering from the desired starting point. When drilling lift the drill up and down frequently to clear away dust and debris.

Code	Description	иом	Price
FDPDP30	Drill Press, Foredom	EACH	£125.00

Third Hand Handpiece Holder, Foredom



- Handpiece Holder for Nos. 30, 30H, 30SJ, 44, 44T, and 44HT handpieces
- Allows you to bring the work piece to the tool, instead of the other way around
- Comes with handpiece clamp, rod, and BC-1 clamp (Handpiece not included.)

Code	Description	UOM	Price
FDHH30	Foredom "Third Hand" Handpiece Holder	EACH	£28.95

Stone Setting Assistant



Stone Setting Depth Assistant

Helps you set stones precisely and professionally by controlling the cutting depth.

- Achieve a constant depth for your stone settings
- Attaches to a number 10 handpiece (Foredom, Faro etc)

- Unscrew the nose of the number 10 hand piece and screw on the channel setting assistant
- The bur is installed into the handpiece, through the attachment
- One of the five guides supplied is screwed onto the attachment to guide the burr along the channel at a consistent depth
- Made in India

Code	Description	иом	Price
C45698	Stone Setting Assistant	EACH	£11.95

FOREDOM PENDANT DRILL HANGERS & CLAMPS

FOREDOM®

Bench Clamping Mount



Motor Hanger - Double - Bench Clamp Mount

Double Motor hanger with bench clamp mount features 3-piece hexagonal support rod and top safety hook rod for holding one or two motors.

The MAMH-1 features a 3-piece hexagonal support rod, top safety hook rod for holding one or two motors and the MABC-1 for attaching to any bench top up to 2-1/4" thick. The rod height can be adjusted with he locking screw built onto the clamp. Comes with a MAMR-2 Handpiece Rest that slides onto the hanger pole and secures your handpieces when not in use. Also has two UA10658 Spring Safety Clips that slide over the motor bale and on to the hanger rod to keep the motor(s) from jumping and twisting during start up and acceleration.

Assembly of the hanger is simple with the supplied couplings and set screws. When properly assembled, it is as strong as any model we've previously offered. Please spend the time and watch the video clip below to see how easy and strong this new hanger really is.

An important added benefit is that the new design allows us to pack a hanger in a smaller, standard sized shipping carton, when purchased separately.

Code	Description	UOM	Price
FDMAMH1	Foredom Double Motor Hanger with Mounting Clamp	EACH	£39.95





Bench Clamping Mount, Indian

Motor Hanger - Single - Bench Clamp Mount - Indian

- Easily attachable to any workbench
- Stainless steel rod
- Black metal clamp with plastic handles
- 25cm swing arm for hanging motor
- 56cm in length, extending to 110cm
- Simple and easy to set up and operate
- Will work with handpiece holder FDHR2

Code	Description	иом	Price
S37826	Motor Hanger with Mounting	EACH	£16.95

Bench Clamping Mount, Made in UK

Motor Hanger - Single - Bench Clamp Mount - Made in UK

- Easily attachable to any workbench
- Durable & tough
- 20cm swing arm for hanging motor
- 115cm in length
- Clamp will fit up to an 85mm thick bench top
- Simple and easy to set up and operate
- Stainless steel
- Made in UK



Code	Description	иом	Price
S45926	Motor Hanger with Mounting Clamp	EACH	£49.95

Screw Fixing Base Mount



Motor Hanger - Double - Screw Fixing Mount

Double Motor hanger with base mount features 3-piece hexagonal support rod and top safety hook rod for holding one or two motors.

The MAMH-2 features a 3-piece hexagonal support rod, top safety hook rod for holding one or two motors and the MABC-2 that screws to top or side of bench. The rod height can be adjusted with the locking screw built onto the base mount. Comes with a MAMR-2 Handpiece Rest that slides onto the hanger pole and secures your handpieces when not in use. Also has two UA10658 Spring Safety Clips that slide over the motor bale and on to the hanger rod to keep the motor(s) from jumping and twisting during start up and acceleration.

Assembly of the hanger is simple with the supplied couplings and set screws. When properly assembled, it is as strong as any model we've previously offered.



Please spend the time and watch the video clip below to see how easy and strong this new hanger really is.

An important added benefit is that the new design allows us to pack the hanger in standard sized shipping cartons, when purchased separately.

Code	Description	UOM	Price
FDMAMH2	Foredom Double Motor Hanger with Base Mount	EACH	£54.95

Value

Screw Fixing Base Mount, Indian

Motor Hanger - Single - Screw Fixing Base Mount - Indian

- Easily attachable to any workbench
- · Heavy, sturdy, screw on base (screws not supplied)
- Stainless steel construction
- 25cm swing arm for hanging motor
- 60cm in length, extending to 115cm
- · Simple and easy to set up and
- · Will work with handpiece holder FDHR2

Code	Description	иом	Price
S39274	Motor Hanger with Base Mount	EACH	£12.95

Screw Fixing Base Mount, **Indian - Double Motor Hanger**

Motor Hanger - Double - Screw Fixing Base Mount - Indian

- · Easily attachable to any workbench
- · Heavy, sturdy, screw on base (screws not supplied)
- · Stainless steel construction
- 20cm arm for hanging 2 motors
- 60cm in length, extending to 140cm
- · Simple and easy to set up and operate



Code	Description	иом	Price
S39273	Double Motor Hanger with Base Mount	EACH	£12.95

Foredom Work Bench System



Motor Hanger - Double - Work Bench System

Stainless steel attachments slide, swing and pivot to create a custom bench set up, designed for both safety and an outstanding work space.

- 65cm Tall Double Motor Hanger
- Adjustable angled extension rod, can be extended to allow the motor to hang 80 to 95cm (from the top of the motor) above the
- 2 spring safety clips for holding one or two
- · Screw Fixing Base mount

Available with:

- 80cm LED light bar (240v) (pivots 90 degrees up)
- 3 Tier Burr Holding Arm: Holds 98 burrs, 30 x 5 x 5cm
- Magnetic Tool Arm with non Scratch Felt Surface: 30 x 1 x 5cm
- Cup Holder Arm: Holds 6 x 40ml cups (Ø3.7cm)
- · Accessory Tray Arm with Movable partitions: 30 x 6 x 3cm

Motor Hanger with LED Light Bar



Includes:

- Double Motor Hanger
- Two Spring Safety clips for hanging motors
- · Adjustable angled extension rod
- 80cm LED light bar (pivot 90 degrees upwards to turn

Code	Description	иом	Price
FDMHK1	Motor Hanger with LED Light Bar	EACH	£157.95

Motor Hanger with LED Light Bar & **Burr Holder**



- Double Motor Hanger
- Two Spring Safety clips for hanging motors
 Adjustable angled extension rod
- 80cm LED light bar (pivot 90 degrees upwards to turn
- 3 Tier Burr Holding Arm: Holds 98 burrs, 30 x 5 x 5cm

Code	Description	UOM	Price
FDMHK1B	Motor Hanger with LED Light Bar & Burr Holder	EACH	£199.95



Accessory Tray Arm for Motor Hanger



• Accessory Tray Arm with Movable partitions: 30 x 6

Code	Description	UOM	Price
FDMAAHT	Accessory Tray Arm for Motor Hanger	EACH	£49.95

Burr Holder Arm for Motor Hanger



- 3 Tier Burr Holding Arm
- · Holds 98 burrs
- 30 x 5 x 5cm

8 11 11		
FDMAAHB Burr Holder Hanger	Arm for Motor EACH	£49.95

Cup Holder Arm for Motor Hanger



• Cup Holder Arm: Holds 6 x 40ml cups (Ø3.7cm)

Code	Description	иом	Price
FDMAAHJ	Cup Holder Arm for Motor Hanger	EACH	£46.95



Micromotor Drill **Press** See Page 687



LED light Bar for Motor Hanger



- 80cm LED light bar (240v)
- Pivots 90 degrees upwards for increased flexibility and lighting

Code	Description	иом	Price
FDMALB1	LED light Bar for Motor Hanger	EACH	£115.00

Magnetic Tool Arm for Motor Hanger



 Magnetic Tool Arm with non Scratch Felt Surface: 30 x 1 x 5cm

Code	Description	иом	Price
FDMAAHM	Magnetic Tool Arm for Motor Hanger	EACH	£91.50

Foredom Motor Hanger Spares

2 Piece Handpiece Holder for Pendant Stand - Foredom

For Foredom Pendant Drill

- Motor Hangers
 FDMAMH1
- FDMAMH2
- Older Models
- Will also work with our Indian stand S37826

Code	Description	иом	Price
FDHR2	2 Piece Handpiece Holder for Pendant Stand - Foredom	EACH	£7.95

Clamp (Bench) for Pendant Drill Stand

- Foredom

Bench Clamp Clamps to any bench up to 2 1/4" thick and holds all motor hanger and handpiece holder rods.



Accepts motor hanger rods 1/2" or smaller.

Code	Description	иом	Price
FDBC1	Clamp (Bench) for Pendant Drill Stand - Foredom	EACH	£13.65

Clamp (Side Mount) for Pendant Drill Stand - Foredom

BC-2 Base Screws or bolts to side or top of bench for permanent mounting. Holds all motor hanger and handpiece holder rods.



Code	Description	иом	Price
FDBC2	Clamp (Side Mount) for Pendant Drill Stand - Foredom	EACH	£33.50

Foredom Double Motor Hanger Hex Key

For Foredom Pendant Drill Motor Hangers

- FDMAMH1
- FDMAMH2



Code	Description	иом	Price
FDUA115	Foredom Double Motor Hanger Hex Key	EACH	£1.50

Foredom Double Motor Hanger Coupling

For Foredom Pendant Drill Motor Hangers

- FDMAMH1
- FDMAMH2



Code	Description	иом	Price
FDUA10682	Foredom Double Motor Hanger Coupling	EACH	£3.50

Foredom Double Motor Hanger 5 Pack of Set Screws

For Foredom Pendant Drill Motor Hangers

- FDMAMH1
- FDMAMH2



Code	Description	UOM	Price
FDUA1105	Foredom Double Motor Hanger 5 Pack of Set Screws	PACK*5	£3.95



Foredom Double Motor Hanger Spring Safety Clip

For Foredom Pendant Drill Motor Hangers

- FDMAMH1
- FDMAMH2
- Older Models



Code	Description	иом	Price
FDUA10658	Foredom Double Motor Hanger Spring Safety Clip	EACH	£1.25

FOREDOM PENDANT DRILL MAINTENANCE & WARRANTY



Routine Maintenance for your Foredom Flex Shaft Machine

Foredom motors are durable and built to industrial standards. But like many other quality machines, they require some basic maintenance to keep them running at optimum performance. The procedures shown here are described in more detail in your printed Owners Manual and on our website. Always unplug your power tool when conducting maintenance procedures!

Routine Cleaning of Motors
It is important to routinely clean your
Foredom Power Tool. Accumulation of dirt
and dust is the most common cause of poor
operation and excessive wear. Air should be
blown through the motor every 40 hours of
use to remove dirt and dust.

Replacement of Motor Brushes
The motor brushes should be checked for
wear periodically. When new, they are
approximately 3/4" (19mm) long. Replace
them when they have worn to 1/4" (6mm). To
remove brushes, disconnect motor power cord
and unscrew the brush caps.

Routine Cleaning and Lubrication of Flexible Shaft

The shaft should be checked, wiped clean, and re-lubed with grease every 50 hours of use. With every 200 hours of use, the shaft should be thoroughly cleaned with solvent and lubricated.

A. With the handpiece removed, loosen the

set screw and slide sheath out of the motor connector.

B. Apply a very light coating of grease to the shaft. If too much grease is applied, the excess will work its way into the handpiece and eventually seep out. For this reason, apply a bit less near the handpiece end of the shaft.

C. Replace and adjust sheath so that shaft key tip extends 3/4" (19mm) from sheath. Retighten the set screw in motor connector.

D. Clean exterior of sheath by wiping with a cloth.

E. Hang and run the motor for about 10 minutes before re-attaching the handpiece to allow enough time for the grease to warm up, spread and drain off. Wipe off any excess grease at tip end of sheath.

Never run the motor with the outer sheath removed.

Foredom Product Warranty NEW - 2 Year Warranty - For all flex shaft motors and controls shown: Series TX and TXH motors, controls and kits TXH440, TX300, 5400. 1/6HP series SR motors, controls and kits 2220, 2230, 2272, 5200, 5240 series L motors and controls, powergraver (PG) motor, control and kit, arch trimmer.

Products With One Year Warranty -Micromotors, wax carver, BL polishing motor and kits, allset attachments.

All other Foredom power tools and attachments are warranted to be free of defects in material and workmanship for a period of 90 days from date of purchase by the user. These warranties do not cover breakage or damage caused by accident, abuse or misuse and repairs required because of ordinary use and wear. Repair or replacement will be done at our option if the product is post-paid to our factory. We pay the return postage charges for all items repaired under warranty.

Duplex springs are not covered by warranty.

Grease for Flexishaft



- Grease for Foredom flexishafts
- Foredom MS10006
- 30ml

Code	Description	иом	Price
FD45627	FlexiShaft Grease	30ML	£2.95





Maintenance Kit, SR (1/6th)

FOREDOM



Foredom MSMK-10 for 1/6th HP Series Motors.

Contains:

- Shaft
- Pair of motor brushes
- Grease
- · Operating manual

Kits are suitable for $115\ \text{and}\ 230\ \text{volt}$ models, except where noted.

Code	Description	UOM	Price
MK10	Maintenance Kit for SR Series - Foredom	EACH	£15.25

Motor Inner Shaft



Inner shaft for key tip & slip joint motors

Suitable for series: SR (1/6 HP), TX, LX, PGX (Power Graver) and discontinued L, SR (1/8HP), S, CC, PG, R, and K motors.

Key tip replacement shaft for Cousins codes:

- K2220CE
- K2230CEFDLX2TXR
- FDLX2TXF
- FD22932

Slip joint replacement shaft for Cousins codes:

• FDSR2CE

Code	Description	UOM	Price
FD93	Key Tip Fitting (USA) Inner Shaft, 90cm Long	EACH	£7.95
F48234	Key Tip Fitting (USA) Inner Shaft, 160cm Long	EACH	£12.95
FD108141	Slip Joint Fitting (European) Inner Shaft, 90cm Long	EACH	£11.10

Motor Outer Shaft



Outer shaft for key tip & slip joint motors

Suitable for series: SR (1/6 HP), TX, LX, PGX (Power Graver) and discontinued L, SR (1/8HP), S, CC, PG, R, and K motors.

Key tip replacement shaft for Cousins codes:

- K2220CE
- K2230CE
- FDLX2TXRFD22932
- FD22932

Slip joint replacement shaft for Cousins codes:

• FDSR2CE

Code	Description	иом	Price
FD77	Key Tip Fitting (USA) Outer Shaft, 90cm Long	EACH	£12.85
F48233	Key Tip Fitting (USA) Outer Shaft, 160cm Long	EACH	£14.50
FD108142	Slip Joint Fitting (European) Outer Shaft, 90cm Long	EACH	£13.65

SR (1/6th HP) Brushes

Foredom MP132P - Brushes for 1/6 HP (horse power) Series SR & SRH Motors.

 Pair of Brushes, suitable for 115 & 230V units

For Our Motor Kits & Units:

- K2220CE
- K2230CE
- FDSR2CE

Code	Description	иом	Price
MP132P	SR (1/6th) Pendant Motor Brushes, Foredom	PAIR	£7.65

SR (1/8th HP) Brushes

Foredom MP2019P - Brushes for 1/8 HP (horse power) Series SR, S, H & K Motors

 Pair of Brushes, suitable for 115 & 230V units



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Code	Description	UOM	Price
2019P	SR (1/8th) Pendant Motor Brushes, Foredom	PAIR	£6.50

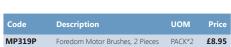
LX (Series) Brushes

Foredom MP319P - Brushes for LX also TX, TXH, LXH, L, PGX & PG Motors.

Pair of Brushes, suitable for 115 & 230V units except where noted.

For Our Motor Unit:

• FDLX2TXR



W RLDWIDE DELIVERY







FOREDOM PENDANT DRILL ACCESSORIES & ATTACHMENTS

Handpiece Tips (Anvil & Hammer), Foredom



Fits Foredom Flex Shaft Hammer Handpieces (15, 15D & 15SJ), Foredom Micromotor Hammer Handpiece and Swiss made Badeco Hammer Handpiece.

Heat treated steel anvil points are made to the finest specifications and finish with black oxide (except FD1512 & FD15PT).

- 0 5,000 rpm or 0 5,000 strokes per minute Maximum Speed.
- Foredom hammer action hand pieces code FD15, FD15D and FD15SJ

Set Contains:

- Ball nose Ø2.35mm to Ø4mm (Largest Diameter)
- Bezel Rocker 8mm x 2.5mm
- Cylinder Ø6mm
- Fine Point Ø3.75mm Largest Diameter
- Rectangle 2.35mm x 4.80mm
- Square 2.35mm x 2.35mm

Additional to Set:

- Flat Top (Tapered Point) Foredom A-10177
- Point (Carbide Stylus), Foredom HP10212
- Point (Pave, Diamond Tip) Foredom A-R15PT

Set of 6, Foredom **AK101**

The set contains very useful anvil points for engraving, texturing, burnishing, channel, and bezel losing work. Made

- · Heat treated steel anvil points
- Made to the finest specifications
- Black oxide finish
- Standard 3mm thread
- · Pin included for installing and tightening

Set Contains:

- Ball nose Ø2.35mm to Ø4mm (Largest Diameter)
- Bezel Rocker 8mm x 2.5mm
- Cylinder Ø6mm
- Fine Point Ø3.75mm Largest Diameter
- Rectangle 2.35mm x 4.80mm
- Square 2.35mm x 2.35mm

Code	Description	иом	Price
FDAK101	Set of 6, Foredom AK101	PACK*6	£57.95



Ball Nose Anvil, Foredom

- Foredom HP10171
- Ball nose Ø2.35mm to Ø4mm (Largest Diameter)
- The ball nose is very useful to burnish over porosity on your jewellery items
- · Can also be used to finish a dish set setting



Code	Description	иом	Price
FDHP10171	Ball Nose Anvil, Foredom	EACH	£7.95

Bezel Rocker Anvil, Foredom

- Foredom HP10179
- Bezel Rocker 8mm x 2.5mm
- · A ideal tool to close those stone bezel settings with ease
- · Will at the same time produce a mirror finish and no push marks



Cylinder Anvil, **Foredom**

• Foredom HP10175

Code

- Cylinder Ø6mm · Depending on the size
- specification of the work, this is an ideal bit to use for channel setting closing
- · Closing those walls set in your jewellery with ease and produces a great mirror finish and no push marks



Fine Point Anvil, **Foredom**

- Foredom HP10172
- Fine Point Ø3.75mm Largest Diameter
- This ideal fine point is very good for engraving names, shapes and texturing on your precious and non precious



Code	Description	иом	Price
FDHP10172	Fine Point Anvil, Foredom	EACH	£7.85

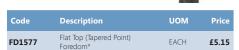


Foredom "Small" **Polishing Machine** - Variable Speed



Flat Top (Tapered Point) Foredom*

- Foredom A-10177
- Size Ø2.20mm x 4mm (Largest Diameter)
- Depending on the size specification of the work, this is an ideal bit to use for closing channel settings
- · Closing those walls set in your jewellery with ease and produces a great mirror finish and no push marks



Point (Carbide Stylus), Foredom*

- Foredom HP10212
- Long lasting, stays fine and
- sharp than conventional tips
- · This ideal fine point is very good for engraving names, shapes and texturing on precious and non precious metals



Code	Description	иом	Price
FD1512	Point (Carbide Stylus), Foredom*	EACH	£26.75
Price breaks available, see website			

Point (Pave, Diamond Tip) Foredom*

- Foredom A-R15PT
- · A revolutionary new attachment for hammer handpieces
- The cutting head is a diamond
- · Adds luxurious, pave diamond texture to any item of jewellery
- This pave point has a diamond set with the culet point facing down
- · Easy to use and fits hammer action handpieces
- The texturing affect is known as a pave master effect



FD15PT	Point (Pave, Diamond Tip) Foredom*	EACH	£29.95
	Price breaks available, see v	vebsite	

Foredom Rectangle Anvil

- Foredom HP10176
- Rectangle 2.35mm x 4.80mm
- · Depending on the size specification of the work, this is an ideal bit to use for channel setting closing
- · Closing those walls set in your jewellery with ease and produces a great mirror finish and no push marks

Code	Description	UOM	Price
EDHP10176	Foredom Rectangle Anvil	FACH	£10.75





Square Anvil, **Foredom**

- Foredom HP10173
- Square 2.35mm x 2.35mm
- Depending on the size specification of the work, this is an ideal bit to use for channel setting closing
- Closing those walls set in your jewellery with ease and produces a great mirror finish and no push marks



Code	Description	UOM	Price
FDHP10173	Square Anvil, Foredom	EACH	£10.75

Mount & Yoke Assembly, Foredom

Foredom Bench Mount & Yoke Assembly

- Turn your hang-up style motor into a bench top model
- · Cast iron base and yoke assembly
- · Includes mounting screws
- For Series TX, TXH, SR, S, SRH, LX, LXH, PGX & PG motors

Suitable for our motors:

FOREDOM

- K2220CE
- K2230CE
- FDSR2CE
- FDLX2TXR

Code	Description	UOM	Price
UA10451	Foredom Pendant Motor Bench Mount & Yoke Assembly	EACH	£49.95

Speed Control (Dial), Foredom

Foredom Foot Control in Cast Iron Housing C.SCT

Speed Control

marked

FDSR2CE

(Pedal), Foredom

· All our Foredom foot controls are fully CE

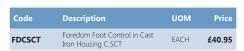
For Foredom foot control trigger switch fitting

instructions please see the documents in our

document download section of our website.

• Fit our motors K2220CE, K2230CE &

- Speed control for SR & SRH Motors
- 230v
- UK Plug



Foredom Foot Control FCT-2

- The reliable FCT is Foredom's most popular foot operated speed control.
- · It features solid state circuitry in a heavy duty plastic housing with an extra wide footprint, low profile, and non-skid pads on the bottom for ease of use.
- It provides smooth control throughout the entire speed range.

Dimensions: 7" long, 4 1/2" wide, 2 3/8" high Weight: 1 kg

- · Foot Control in plastic housing
- 230v
- CF Certified

Code	Description	иом	Price
D7203	Foredom Foot Control FCT-2	EACH	£49.95

Foredom Foot Control FCT-2

Trigger Switch

· For fitting instructions please see the documents our document download section of our website)



Code	Description	UOM	Price
FDCP11027	Foredom Foot Control FCT-2 Trigger Switch	EACH	£10.50





PICKLING ACID BATHS

PICKLING MACHINES



After soldering, a cleaning chemical called pickle cleaning salts/sulphuric acid (code C19893) is used to remove residue flux and oxides from the metal.

- Pickle cleaning salts/sulphuric acid works best when warm so these units are the perfect piece of equipment to keep to a thermostatic control at a safe and optimum temperature
- Caution, the chamber must contain solution whenever they are heated, there will be irreparable damaged if allowed to dry
- Made in Great Britain

The manufacturer recommends to use room temperature water to avoid a prolonged heating up time.

Pickelex Pickle Baths

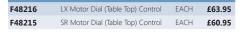
- Heated Acid Bath
- · Electrical Thermostatic heating
- No water jacket to corrode heaters
- Safe operation cannot overheat and will not sustain damaged even if run at low level
- · No maintenance required
- · Tough acid proof casing
- Low energy consumption
- Economical cost use 1 per operator
- To remove fire stain and for cleaning
- Automatically heats to 60 65°C (Non adjustable)
- Internal beaker made from polypropylene
- Use with Safety Pickle (P5232)
- · Made in Great Britain

1 Litre Pickle Unit



- Height 170mm x width 195mm x length 200mm
- Inner beaker size diameter 120mm x 120mm deep The manufacturer recomends to use room temperature water to avoid a prolonged heating up time. Weight: 2000g

Code	Description	UOM	Price
P4899	1 Litre Pickle Unit	EACH	£179.95



• Table top speed control, can be used instead of a foot

• F48215: Can be used with all SR motors, including our

• F48216: Can be used with all LX, LXB, LXH & LXBH

Please note: Do not plug your pendant motor directly into an electrical outlet. The motor's power cord should

be plugged into your speed control which in turn plugs

· Dial control for precise speed setting • For use with a 230 volt motor

motors K2220CE, K2230CE & FDSR2CE

motors, including our motor FDLX2TXR

• 150 x 125 x 65mm (width x depth x height)

· All our Foredom table top controls are fully CE



into an electrical outlet

pedal

2 Litre Pickle Unit



Sizes:

- Height 195mm x width 230mm x length 260mm
- Inner beaker size diameter 160mm x 140mm deep The manufacturer recomends to use room temperature water to avoid a prolonged heating up time.

Weight: 3000g

Code	Description	UOM	Price
P4900	2 Litre Pickle Unit	EACH	£205.00

5 Litre Pickle Unit



Sizes:

- Height 290mm x width 290mm x length 320mm
- Inner beaker size diameter 190mm x 250mm deep
- The manufacturer recomends to use room temperature water to avoid a prolonged heating up time.

Weight: 4500g

Code	Description	иом	Price
P8810	5 Litre Pickle Unit	EACH	£227.95

Pickelex Pickle Bath, Mini



Mini Pickle - The safe answer to using hot acids

- Most popular size ideal to put into the corner of your work bench
- 0.4 litres
- · Electrical Thermostatic heating
- No water jacket to corrode heaters

- Safe operation cannot overheat and will not sustain damaged even if run at low level
- No maintenance required
 Touch acid proof socials
- Tough acid proof casing
- Low energy consumption
- ullet Economical cost use 1 per operator
- To remove fire stain and for cleaning
- Automatically heats to 60 65°C (Non adjustable)
- Internal beaker made from polypropylene
- Use with Safety Pickle (P5232)
- · Made in Great Britain

Sizes:

- Height 140mm x diameter 110mm
- Inner beaker size diameter 80mm x 100mm deep

Weight: 800g

Code	Description	UOM	Price
P5166	Pickle Units - Pickelex Mini Acid Bath	EACH	£105.00

PIVOT POLISH-ING MACHINE

Rollimat Clock Pivot Polishing Machine



Rollimat Clock Pivot Polishing Machine

The Rollimat clock pivot polisher is a tool that allows you to polish any clock pivot with ease in minutes

- Will polish all pivots from Ø0.30 to Ø4.00mm in diameter
- Minute gear pivots (pocket or wristwatch), anchor pivots and even plastic pivots
- Holder with 24 bearings & a Widia brand polishing disc
- A depth-limiter guarantees that the pivot will be rolled to the dimension set
- The adjustable pressure imposed is created by a steel spring
- Machine can be lubricated with 3 in 1 oil (O8691)
- See PDF for full instructions
- Product video available (see link above)
- Requires plug adapter A32444
- Made in Germany

Dimensions

- 270 x 100 x 225mm (height x width x depth)
- 5Kg

Code	Description	иом	Price
R48824	Rollimat Clock Pivot Polishing Machine	EACH	£2,150.00
R48825	Ø4mm Widia Polishing Wheel	EACH	£295.00
R48826	Drive Belt	EACH	£8.95
R48827	Felts	EACH	£2.50

COUSINSUM PRICE PROMISE

PLATING, ANTI-TAR-NISHING, ELECTROPO-LISHING & STRIPPING

ANTI-TARNISHING MACHINE

Anti-Tarnishing System



- Window displays always look perfect
- Stock kept in 1st class condition
- No more tedious and expensive stock cleaning
- Low running cost, simple process and does not require any special skills or training
- Made in Great Britain

The Silverbrite 100 system (2 easy stages)

- · Cleans/detarnishes Silver
- Applies protective layer

The Silver Bright 100 process module is a small unit measuring 30x24x24cms that connects to a normal domestic power supply, which is converted to low voltage DC current. The power is fed into two unheated processing baths, which both cleans and detarnishes to protect your silver in two easy stages. The stainless steel electrodes cause an invisible film to build up on the surface of the silver (or silver plate), protecting the items from the damaging effects caused by oxidation gases.

Anti-tarnishing

Bath 1 – De-tarn Cleaning Salts (C8207).

Bath 2 - Silverbrite Salts (C8206).

This system is a miniaturisation of the industrial methods used by large manufactures and should not be confused with ineffectual immersion or spray methods.

• It is necessary to use De-Mineralised Water (C4359)

Code	Description	иом	Price
S8582	Anti-Tarnishing System – Silverbrite 100	EACH	£545.00





ELECTROPOLISHING MACHINE

Electropolishing Machine



Stripping - Plating - Polishing

This machine removes metal, polishes the surfaces of precious and base metals and can plate. This is a traditional machine used in the jewellery, silversmith, watch and clock industries for generations and is excellent for polishing difficult areas in jewellery but also watch bracelets, clock parts and components economically.

Features:

- Chemically treats metal with very little metal loss.
- Fully brightens areas that the polishing wheel cannot reach.
- Fully variable: 50 amps, 25 volts, D.C. Output. All electronically controlled.
- All in one integrated unit, no separate connection leads or heating required.
- Automatically controlled with built in heating.
- Finished with a beige texture, corrosion resistant, polypropylene for long life.
- The 'Micro strip' has a 50amp rectifier for effective current delivery, power meters, thermostatic heater control and includes the necessary cathodes, bars and anodes for each process.
- Total surround cathodes supplied with each machine and lids for individual baths.
- Reverse the poles to transfer the stripping machine into a plating machine (please see instructions and PDF).
- Full installation and operation please see instructions provided
- Made in Great Britain

Comprising 3 x 1ltr baths suitable for:

- Neutralising to restore original colour to metals, using demineralised water (C4359)
- Fire stripping for a fast alternative to pickling for the treatment of gold and silver, using stripping salts (C19822)*
- Electro-Polishing for speedy polishing of gold in inaccessible areas, using elecro-polishing salts (c8898)
- * Add Potassium Cyanide (C9185) if the solution weakens e.g. when firestains / oxides are not being removed. CAUTION THE SOLUTIONS USED CONTAIN POTASSIUM CYANIDE AND ARE HIGHLY TOXIC. INGESTION WILL CAUSE DEATH

Specifics

- Size: 480 x 250 x 420mm
- Bath sizes: Ø125mm x 130mm
- 220/240V (7.5 amperes)
- Nett weight 15 Kg

For full infiormation on how to plate with your unit, including flash plating and hard plating, please see the website pdf available.

Code	Description	иом	Price
M8825	Stripping, Plating & Polishing Machine	EACH	£1,295.00



PLATING MACHINES



We have a comprehensive range of plating machines available and a wide choice of precious metal plating salts/solutions. It is quick and easy to set all the machines up and plate items yourself, full instructions are available in our PDFs.

Plating processes:

- Pen plating puts on 1/4 micron
- Flash plating (regular standard plating) puts on ¼ micron
- Hard plating can put on up to 3 microns.

Plating machine information and tips:

- For use on gold, silver, copper and brass
- The most traditional type of plating methods for jewellers for many generations
- The term gilding covers a number decorative techniques for applying precious metals on solid surfaces. This is why plating machines are also known as gilding units.
- Flash plating (regular standard plating) as a process puts on a ¼ micron of precious metal. It must be remembered that once initial plating has been carried out, you can't keep "adding" plate on top.
- Hard plating (up to 3 microns) can also be carried out. A micro-agitator (Code P5187) is needed as well as specific hard plating solutions (code C35424).
- Its most important to mix all your plating salts/solution at once as all the ingredients must be used. This allows optimum performance on your plating quality and quantity.
- Place and operate your machine in a clean, dust free environment particularly away from polishing dust. This can cause problems as solutions can get contaminated causing their colour to come out dull.
- Do not handle the items to be plated with your bare fingers before plating as this can leave a deposit of grease on the item causing the plating process to not be completed to its fullest potential.

Pen Plating System Digital



• Digital Pen Plater

- LCD Display for Voltage
- 1 Pen user at a time
- Electrolytic cleaning and Base Cathode plate to produce top quality selective plating
- Reduces the amount of time plating small areas
- Operator consistency infinal finishes
- Improves plating difficult products process can be carried out on a desk
- Chemicals see Plating Chemicals
- It is necessary to use De-Mineralised Water (C4359)
- Pen plating puts on ¼ micron
- · Made in Great Britain

Code	Description	иом	Price
P19870	Pen Plating System Digital	EACH	£342.00

Microplating Machines



Electroplating modular system, designed to electroplate gold, rhodium, silver, nickel and copper in the workshop. This machine can be used for regular flash plating, hard plating and anti tarnishing.

Plating:

Bath $\hat{\mathbf{1}}$ – Electrolytic Salts (C4907), for cleaning prior to plating.

Bath 2 – Gilding Salts, 9ct, 18ct, 22ct, 24ct, Rose & Silver. (See Plating Chemicals)

Bath 3 – Rhodium (C5620) This bath contains the platinized Titanium Anode for Rhodium Plating.

Hard Plating

- 1. Set baths up as above but with hard plating salts (Code C35424)
- Place the micro agitator (sold separately P5187) over your first beaker, connecting the black lead to the black output.
- Please note one must use the platinised titanium anode when hard plating titanium (code P8356)
 Full instruction on how to hard plate are available with the agitator (code P5187)

The plating unit can also be used for anti-tarnishing: Bath 1 – De-tarn Cleaning Salts (C8207)
Bath 2 –Silverbrite Salts (C8206).

- Complete process unit, no extras required.
- Automatically controlled heating.
- Fully variable 10 amp, 0-12 volt D.C output, electronically controlled.
- Small process bath size for precious solutions.
- Made in corrosion resistant polypropylene.
- Platinum coated and stainless steel anodes included with each machine, plus lids for individual baths.
- With installation and operation instructions to teach yourself electroplating.
- Cleaning, gilding and rhodium plating in one unit.
- Connections for a plating pen steel and platinized titanium rods.
- For 0.1 to 0.5 microns flash plating (1mm = 100 microns).
- Use a micro-agitator (Code P5178) for hard plating, up to 3 microns.
- ROHS compliant
- Made in Great Britain

Code	Description	иом	Price
P4898	3 litre (3 x 1) Microplating Machine	EACH	£645.00
P8664	6 litre (3 x 2) Microplating Machine	EACH	£1,895.00





PLATING & STRIPPING MACHINE ACCESSORIES & PARTS

Anode, Platinized Titanium

- Platinized Titanium Anode
- · Must be used when rhodium plating (C20792
- For plating unit P4898 & stripping unit M8825
- Mesh 120 x 25mm
- Overall length 170mm
- · Made in Great Britain

Please note: Do not use abrasives to clean your anode simply soak in hot water or ultrasonic clean rinse and dry to avoid contamination.



Code	Description	иом	Price
P8356	Microplate Platinized Titanium Anode	EACH	£43.95

Anode, Stainless Steel

- Stainless Steel Anode
- For plating unit P4898 & stripping unit M8825
- · For use in everyday plating, 9ct to 24ct, silver and rose
- Can be cleaned with an abrasive if surface anode starts to get contaminated with plating salt corrosion
- Made in Great Britain



Code	Description	иом	Price
P9814	Stainless Steel Anode	EACH	£7.70

Beaker

- Plating/Stripping Machine Beaker
- Polypropylene
- For plating unit P4898 & stripping unit M8825



Code	Description	иом	Price
P6479	Beaker for Plating Unit	EACH	£8.60

Beaker Lid

- Plating/Stripping Machine Beaker Lid
- For plating unit P4898 & stripping unit M8825



Code	Description	иом	Price
P4898A	Beaker Lid Replacement	EACH	£7.45



Connection Lead Kit

- Connect from your DC power outlets to anodes and material for electro light cleaning/ plating
- For use on your stripping unit (M8825) & micro plate (P4898)



Code	Description	иом	Price
P35425	Microplate/Stripping Unit Connection Lead Kit	EACH	£17.95

Heater Unit

- Heater TQ
- 1.5 KW
- Overall Length including heating element 305mm
- To warm up water in microplate units (P4898 & P8664) & stripping unit (M8825)



Code	Description	иом	Price
P19796	Heater TQ For Microplating Units	EACH	£65.50

Heater Tightening Nut

- Brass Nut
- Size 3½ '
- To tighten Heater (TQ) to microplate unit & stripping



Code	Description	иом	Price
P19797	Brass Nut For Microplating Units	EACH	£5.75

Micro Agitator

To deposit a layer of gold in thicknesses of between 0.5 and 20 microns. Allows simple nonagitated plating baths of 1 litre or larger to be converted into sophisticated heavy deposit systems e.g. hard fold, copper or nickel plating and silver electroforming.



The current from the existing rectifier is diverted and passed through a high accuracy meter connected to a rotating cathode bar. The Micro Agitator is designed to fit the Microplate but can be adapted to almost any small plating machine by simple modification of the support struts.

- Suitable for both 1 and 2 litre baths
- · Ideal for items that receive a lot of wear
- Plating time 1 minute = 1 Micron • Plates from 9ct - 24ct, silver and copper
- · Simple process and does not require any special skills
- 18ct hard plating solution (code C35424)

W RLDWIDE **DELIVERY**



• All other hard plating solutions available via special

Code	Description	иом	Price
P5187	Plating Digital Micro Agitator For Microplate	EACH	£357.00

Pen for Plating



- · For Gold, silver and rhodium
- Fits all our plating systems

Code	Description	иом	Price
P5190	Pen For Plating Gold, Silver & Rhodium	EACH	£90.95

Pen Plating Tips, Soft & Broad



- 3 x 45mm
- · Suitable for general use
- · Fit most pen platers
- · Long wearing tips stay sharper and longer

Code	Description	иом	Price
P19554	Plating Machine Pen Tips, Soft & Broad	PACK*10	£2.95

Pen Plating Tips, Soft & Fine



- Round
- 4 x 20mm
- Suitable for general use
- · Fit most pen platers
- · Long wearing tips stay sharper and longer

Code	Description	иом	Price
P5482	Plating Machine Pen Tips, Soft & Fine	PACK*10	£2.25

Thermostat

- Thermostat 7"
- To control temperature of heater
- Factory pre set to correct temperature



Code	Description	иом	Price
P19798	Thermostat For Microplating Units	EACH	£22.95



POLISHING

POLISHING & TEXTURING SCRATCH BRUSH UNIT

Polishing & Texturing Scratch Brush Unit



Clean and texture jewellery the easy way!

Polishing jewellery using a brass "scratchbrush" wheel with water and a small amount of soap or detergent produces a satin like appearance.

Because the bristles of the wheel can penetrate deep recesses, the surface can be cleaned without damaging the edges of the recess.

Produces brilliant finishes with very little effort.

- Does not damage large or delicate items
- Chains can be cleaned and polished safely
- Perfect for antique silverware and medal renovation
- · Made in UK

Dimensions:

- Height 600mm • Width 280mm
- Depth 330 mm

Code	Description	UOM	Price
S8597	Scratchbrush Unit	EACH	£590.00

IG MACHIN



We have a gargantuan range of finishing

equipment, sourced from all over the globe. Bergeon Swiss, Elma, Foredom USA and home grown British made machines catering for any workshop or budget size, we have it all easily

For an added incentive we also stock many spares, consumables and safety aids for our finishing equipment so you can always be ready to work.

Bergeon Polishing Machine



Brand new, updated Bergeon Swiss variable speed polishing motor.

- Bergeon 7224
- Maintenance-free polishing motor, most powerful motor in its class
- Extremely smooth operation with optimal torque
- · Generous armrest to eliminate tiredness while
- Bright, glare-free workspace lighting using high power LED technology
- Excellent suction via optimized, loss-free direction of
- \bullet Highly efficient triple filter system with $\sim\!?90\%$ filtration of particulate matter
- · Hood can be opened and swung back completely from the polishing area (for large work pieces)
- Dust collection tray
- With polishing spindle
- · Constructed of high class, machined steel

Specifications:

- 0 to 3000 RPM (Variable)
- Extractor fan 500m³/h (metres cubed per hour)
- Powerful ½ horse power (HP)
- 640 lumins LED lighting
- Ø160mm mop maximum
- 230 Volt
- 450 x 370 x 450mm
- 29Ka

Code	Description	UOM	Price
P37062	Polishing Machine, Bergeon Swiss	EACH	£3,195.00

Specialist Polishing Compounds See Page 1170



Carlo De Georgi Polishing Machine



This polishing machine from De Georgi comes in single or twin speed units.

- · The ideal workhorse
- Both machines are supplied complete with two taper spindles (RH and LH thread) and with one wheel mandrel
- Requires adapter, our code A40932

Polishing Motor Single Speed (P5979)

- 2800 rpm
- 500 watts.
- Motor ½ HP
- 220V

Polishing Motor Twin Speed (P6030)

- 1400 & 2800 rpm
- 500 watts.
- Motor 1/2 HP
- 220V

Code	Description	иом	Price
P5979	Single Speed, Carlo De Georgi	EACH	£245.00
P6030	Twin Speed, Carlo De Georgi	EACH	£295.00
P36788	Control Knob for Twin Speed Motor, Carlo De Georgi	EACH	£29.95

Durston Airmax 2200 Polishing Machine



Polishing Motor - Variable Speed - Dust Hood & Collector - Fluorescent lighting

Durstons new high-tech range polishing machines

- · Double polishing motor
- · Variable speed
- The most powerful extraction in the industry
- 3 step filtration system: Replaceable tray filter, then bag filter followed by panel filter
- Fans are contained in sealed units for maximum performance
- · Near silent operation at 65 decibels

- Supplied with foot pedal to keep hands free
- Sealed polishing chambers
- Scratch proof safety glass (easily removed if required)
- · Emergency stop button
- Two storage drawers
- Supplied on wheels for ease of transportation around your workshop
- Rubber mat on top for easy storage of items
- Twin fluorescent lighting
- Easy side access to filter, means items can be stored on top
- Extra strong 1.5mm (15 gauge) steel construction
- · Durston, made in UK

Specifications:

- 0 to 3450RPM (variable speed)
- Extractor fan 1500m³/h (metres cubed per hour)
- Triple filtration
- Powerful 3/4 horse power (HP)
- Twin 8 watt fluorescent light
- 230 Volt

Code	Description	иом	Price
P44755	Durston Airmax 2200	EACH	£2,195.00

Durston Single Polishing Machine





Single Polishing Motor - Dust Hood & Collector -Fluorescent lighting

Durstons new high-tech range polishing machines

- Single polishing motor
- Inbuilt dust hood & collector
- Silent, powerful & vibration free dust extractor fan
- · Fans are contained in sealed units for maximum performance
- Rubber mat on top for easy storage of items
- · Fluorescent lighting
- · Easy side access to filter, means items can be stored on top
- Extra strong 1.5mm (15 gauge) steel construction
- With a slanted arm rest shelf
- Will accept wheels up to Ø150 x 60mm
- Additional filter, code D41135
- 1 year manufacturer's warranty
- Durston 1412
- Made in UK

Specifications:

- 2900 RPM
- Extractor fan 360m³/h (metres cubed per hour)
- Powerful 1/2 horse power (HP)
- 8 watt fluorescent light
- 8 inch tall polishing gap
- 230 Volt
- 460 x 360 x 440mm (Width x Depth x Height)
- 24Kg

Code	Description	UOM	Price
P40516	Durston Single Polishing Machine	EACH	£650.00



Durston Double Polishing Machine



Double Polishing Motor - Dust Hood & Collector -Fluorescent lighting

Durstons new high-tech range polishing machines

- Double polishing motor
- Inbuilt dust hood & collector
- Two silent, powerful & vibration free dust extractor
- · Fans are contained in sealed units for maximum performance
- · Rubber mat on top for easy storage of items
- · Fluorescent lighting
- · Easy side access to filter, means items can be stored on top
- Extra strong 1.5mm (15 gauge) steel construction
 Will accept wheels up to Ø150 x 60mm
- · With a slanted arm rest shelf
- Additional filter, code D41135
- 1 year manufacturer's warranty
- Durston 1414
- Made in UK

Specifications:

- 2900 RPM
- Extractor fans 360m³/h (metres cubed per hour) x 2
- Powerful 1/2 horse power (HP)
- 14 watt fluorescent light x 2
- · 8 inch tall polishing gap
- 230 volt
- 690 x 360 x 440mm (Width x Depth x Height)
- 31Kg

Code	Description	иом	Price
P40517	Durston Double Polishing Machine	EACH	£825.00

Elma Polini Polishing Machine





- · Single mop/brush unit from Elma
- Single speed of 2,900 RPM
- Motor power 140 watts, 2/10HP
- Extractor fan suction power 370m3/hour

Dimensions:

410 x 290 x 375

• 12.3Kg

Code	Description	иом	Price
P2048	Polini, Elma 3800100000	EACH	£795.00
P32991	Polini Motor & Extractor Fan, Elma 3000010129	EACH	£310.00

Elma Unispeed Polishing Machine





- Polishing unit for one brush.
- Rotational speeds: 1400/2800rpm switch able
- Extractor fan suction power: 480m3/hour
- Motor output: 220 watts, 1/3HP
- · The hood has illumination
- Replacement extractor radial fan: P20801
- Replacement bulb: P38755

Dimensions:

- 440 x 350 x 450mm
- 30Kg

Code	Description	иом	Price
P2049	Unispeed, Elma 3800200000	EACH	£1,350.00

Elma Twin (Multispeed) **Polishing Machine**





- Twin Polishing Motor with Extractor Fan
- Will take up to 7 inch mops
- Each hood has illumination
- Simple hood detachment for quick wheel replacement
- Extraction fan filters replaced in seconds
- Rotational speeds: 1400/2800rpm switchable
- Extractor fan suction power: 480m3/hour • Motor output: 220 watts, 1/3HP
- Replacement Bulb: P38755

Dimensions:

- 720 x 350 x 450mm
- 38Ka

•	Code	Description	UOM	Price
P	1418	Twin (Multispeed) Elma 3800300000	EACH	£1,495.00

P20801	Extractor Radial Fan Right Hand Side, Polishing Motor Twin, Elma 3000010132	EACH	£195.00
P20801A	Extractor Radial Fan Left Hand Side, Polishing Motor Twin, Elma 3000010134	EACH	£195.00

Foredom Polishing Machine FOREDOM'



Powerful variable speed bench polishing motor in a compact size suitable for use at the workbench. Its permanent magnet motor is extremely quiet and smooth running with all the power and speed required for a variety of polishing and buffing jobs.

Cast iron base has suction cup feet for a secure hold on the work surface. The polishing motor comes with the TM-5 (left hand) and TM-6 (right hand) tapered spindles for holding buffs and brushes up to 4" (100mm) in diameter. Other polishing motor accessories are available separately.

- Includes 2 tapered spindles
- 1/6 HP High Torque Motor
- 125 Watts (continuous rating)
- 5/16" Diameter Motor Shaft
- Ball Bearing
- 500-7,000 RPM
- CSA Certified
- CE Rated (230 volt only)
- One Year Warranty
- Weight: 7.5lbs (3.4kg)
- Width: 330mm between spindles
- Height Overall: 130mm
- Height of spindle centre from table surface: 95mm
- Mops up to Ø100mm diameter can be used

See also category "Foredom Polishing Machine Accessories" for extractor & filter hoods, wheel mandrels and spindle adapters etc.

Code	Description	иом	Price
BL2CE	Foredom Variable Speed Polishing	EACH	£139.95







Polimax 1 Polishing Machines



Single or Variable Speed Twin Polishing Motors

- Extractor
- On Base
- Continuous 'all day' operation rated
- Variable speed 0 to 2850rpm
- Made in Great Britain

Convenient self-contained polishing bench, for a clean and safe environment when polishing and grinding

Specifications:

- 1.5hp fan cooled polishing motor inc. tapered
- · Adjustable cowls to suit up to 200mm diameter
- Powder coated steel case for long life
- · Catchment tray and bag shaker
- Filtered air can be re-circulated or vented outside
- 10 amps at 220/240 volts AC
- Extractor motor: 0.5hp, 200 cubic feet per minute
- Polishing motor: 1.5hp, 2850 RPM
- · Solid metal safety disc to prevent dust being drawn into the motor
- Clear, persepx guards to protect from potentially dangerous debris

- Height floor to work top 900mm
- Maximum width 900mm
- Maximum front to rear 680mm
- Maximum wheel/mop size 200mm
- · Weight 50 kgs.

Available:

- Filter Bag (code P12725)
- Replacement single speed motor (code P33424)
- Replacement variable speed motor (code P39970)
- Left Hand Spindle (code \$34917)
- Right Hand Spindle (code \$34916)

- Left Hand Wheel Mandrel (code S34691) ideal to mount on your abrasives finishing wheels.3
- *Please note our range of Artifex wheels will fit direct onto spindle S34691. Other wheels like Manhattan, silicon & felts etc. will have to be altered by drilling the centre bore size required.

Code	Description	UOM	Price
P8670	Polimax 1, Single Speed	EACH	£2,195.00
P8670A	Polimax 1, Variable Speed	EACH	£2,795.00

Practec Double Polishing Machine



Practec, powerful variable speed polishing motor

- · Double polishing motor
- Variable speed
- Compact unit, great where room is a premium
- Inbuilt dust hood & collector
- · Powerful dust extractor fans
- · Padded armrests
- LED lighting
- Silent operation
- 2x magnifier (can be lifted up to work without)
- Perspex protection plates stops potentially dangerous debris
- · Magnetic tool storage holder, can be easily removed & attached anywhere on the machine
- · Sealed tool storage container at the back of the machine, simply press to open
- Will accept wheels up to Ø130mm
- Additional filter, code P44202
- CE marked (certificate issued by Germany)
- German engineering
- · Assembled in Taiwan

Specifications:

- 900 to 4700 RPM
- Extractor fans 500m³/h (metres cubed per hour) x 2
- Powerful 1/2 (0.50) horse power (HP)
- LED Light
- · 8 inch tall polishing gap
- 230 volt
- 440 x 260 x 250mm (Width x Depth x Height)
- 12.5Kg

Included in the box:

- · Practec polishing machine
- Four filters
- · Left and right hand helical spindles (maximum Ø14mm)
- 3 jaw chuck attachment spindle
- Wheel mandrel spindle
- · Velcro sanding pad spindle

Code	Description	иом	Price
P44200	Practec Double Polishing Machine	EACH	£485.00
P48052	Fuse for Polishing Machine with Serial Number 161001 Backwards	EACH	£2.95
P48973	Fuse for Polishing Machines with Serial Number 161002 Onwards	EACH	£2.95





Practec Double Polishing Machine



Practec, extremely powerful variable speed polishing motor

- · Double polishing motor
- · Variable speed
- The most powerful motor on the market, 0.75 HP (horse power)
- Inbuilt dust hood & collector
- Extremely powerful dust extractor fans
- Emergency stop button
- LED lighting
- · Silent operation
- Perspex protection plates stops potentially dangerous debris
- Will accept wheels up to Ø160mm
- Left and right hand helical spindles (maximum Ø14mm) included
- Additional filter, code P44203
- UK plug
- CE marked
- · German engineering
- · Made in Europe

Specifications:

- 300 to 3000 RPM
- Extractor fans 750m³/h (metres cubed per hour) x 2
- Powerful 3/4 (0.75) horse power (HP)
- LED Light x 2
- 9 inch tall polishing gap
- 230 volt
- 690 x 370 x 450mm (Width x Depth x Height)25Kg
- Speed dial: • 0 = 0 RPM
- 0 = 0 RPM (During this position motor is stopped but it is still under load)
- 1 = 300 RPM
- 2 = 700 RPM
- 3 = 1100 RPM • 4 = 1400 RPM
- 5 = 1750 RPM
- 6 = 2100 RPM
- 7 = 2400 RPM
- 8 = 2700 RPM
- 9 = 3000 RPM
- Code
 Description
 UOM
 Price

 P44201
 Filter for Practec Single Polishing Motor
 EACH
 £2,495.00

 F48066
 Fuse for Polishing Machine
 EACH
 £2.95





Ventura 2 Polishing Machine



Single Speed Twin Polishing Motors

- Extractor
- Speed 2850rpm

Ultra quiet polishing machine with dust extraction and filtration for safe bench top dust removal whilst polishing.

- Twin polishing motor with extractor fan
- · Illuminated work area, daylight tubes
- Quiet suction unit
- 'Procron' progressive particle size filter bags
- · Powder coated steel case for long life
- · Convenient self-contained unit
- Polishing motor: 0.75 hp, 2850 rpm
- Uses 14mm bore spindles
- Extraction motor: 300 cubic feet per minute
- Filtration medium: Woven Polypropylene fabric
- Electrical: 6 amps at 220-240 volts
- Dimensions: 760 x 330 x 480mm
- Nett weight: 28 Kgs
- Made in Great Britain

Also available:

- Replacement Filter Bag (code P8760A)
- Replacement Single speed motor (code P33424)
- Replacement Variable speed motor (code P39970)

Code	Description	ИОМ	Price
P8760	Ventura 2, Single Speed	EACH	£1,095.00
P4752	27 Light Fitting for Ventura 2	EACH	£89.95

Motors (Polimax & Ventura)



- Replacement motors for Ventura 2 (P8760) & Polimax machines (P8670 & P8670A)
- Single or variable speed
- Variable speed motor supplied with inducer

Single speed:

- 2850RPM
- 1.5HP

Variable Speed: • 0 to 2850RPM

• 1.5HP

Code	Description	иом	Price
P33424	Polishing Motor Only	EACH	£265.00
P39970	Polishing Motor Only, Variable Speed	EACH	£1,065.00



POLISHING MACHINE VICES

Bergeon Polishing Machine, Manual (Hand Held)



Hand polishing system developed for the watch industry, in particular watch cases. The arbour attaches to the vice and rests on a ball bearing. This means that as soon as the item being polished (held by the arbour) comes into contact with the polishing wheel, the item spins at the same speed as the wheel.

- · Hand held polishing vice
- Suitable for the polishing and reconditioning on watch cases, case backs, bezels and much more
- Arbour can hold items up to Ø40mm diameter
- The item held by the arbour spins at the same speed as the polishing wheel, preventing flattening whilst polishing
- Also prevents fingers and hands from coming into contact with the polishing wheel
- Precise control, accurate polishing
- Works with right hand thread pitch clamps
- Bergeon Bobino
- Bergeon 7101D.D

Code	Description	иом	Price
P48711	Hand Held Polishing Tool	EACH	£495.00
P48712	Arbor Holder for Polishing Tool, Bergeon 7101-PA-D	EACH	£18.95

Polishing Vices/Spindles, Horotec



The Swiss made Horotec UniPolish is used to hold a watch case, bezel or case back when polishing. They can attach to your existing polishing machine or be hand held. Its four brass jaws hold items from the inside and adjust to size by turning tool end clockwise. When using by hand, the hexagonal shaped handle offers an excellent grip.

- Polishing vice for watch cases and bezels
- Can attach to your polishing machine of be used by hand
- Securely holds case from inside
- Brass jaws for delicate items
- Adjustable between Ø14 to Ø34mm or Ø25 to Ø50mm
- \bullet Fits spindle diameter Ø14mm (reduction die available to fit Ø9mm spindles)
- Hexagonal shape for excellent grip

- Overall size Ø39 x 80mm
- Swiss made
- · Horotec 23.500 & 23.503

Code	Description	UOM	Price
P49031	Ø14 to Ø34mm Polishing Vice	EACH	£139.95
P49032	Ø25 to Ø50mm Polishing Vice	EACH	£155.95
P49033	Ø9mm Reduction Die	EACH	£45.95

POLISHING MACHINE TAPER SPINDLES

Tapered Spindles

When used for prolonged periods of time, polishing spindles can wear out. Here is a comprehensive range of replacement generic sizes, as well as machine specific replacements.

- Bore Ø diameter fitting to polishing machine
- Left and right hand.
- Threaded taper spindles for mounting mops etc.

Ø8mm Bore (Right Side) Elma Polini 3800100015

- To fit Polini polishing motors (P2048)
- 8mm Bore
- Right Side
- Overall Length 110mm
- Shaft Outside Diameter Ø20mm
- · Largest Threaded Diameter Ø13mm
- Elma 3800100015

Code	Description	UOM	Price
P4862	Ø8mm Bore (Right Side) Elma Polini 3800100015	EACH	£22.95

Ø8mm Bore (Right Side) Generic UK Made

- 8mm Bore
- Right Side
- Overal Length 115mm
- Shaft Outside Diameter Ø19mm

Code	Description	иом	Price
P4854	Ø8mm Bore (Right Side) Generic	EACH	£14.95

Ø10mm Bore (Left Side) Carlo De Georgi

- To fit Carlo De Georgi polishing motors (P5979 & P6030)
- Overal Length 80mm
- Shaft Outside Diameter Ø18mm
- · Largest Threaded Diameter Ø13mm

Code	Description	иом	Price
P6482	Ø10mm Bore (Left Side) Carlo	EACH	£10.95



Ø10mm Bore (Right Side) Carlo De Georgi

• To fit Carlo De Georgi polishing motors (P5979 &

- Overal Length 80mm
- Shaft Outside Diameter Ø18mm
- · Largest Threaded Diameter

Code	Description	UOM	Price
P6483	Ø10mm Bore (Right Side) Carlo De Georgi	EACH	£10.95

Ø12mm Bore (Left Side) Generic UK Made

- 1/2" (12mm) Bore
- · Left Side
- Overal Length 150mm
- Shaft Outside Diameter Ø22mm

Code	Description	иом	Price
P6196	Ø12mm Bore (Left Side) Generic UK Made	EACH	£27.50

Ø12mm Bore (Right Side) Generic UK Made

- 1/2" (12mm) Bore
- Right Side
- Overal Length 150mm
- · Shaft Outside Diameter Ø22mm

Code	Description	иом	Price
T4241	Ø12mm Bore (Right Side) Generic UK Made	EACH	£27.50

Ø12mm Bore (Left Side) Generic Indian

- 1/2" (12mm) Bore
- · Left Side
- · Overall length 75mm
- · Shaft outside diameter Ø19mm

Code	Description	иом	Price
S36479	Ø12mm Bore (Left Side) Generic Indian	EACH	£3.95

Ø12mm Bore (Right Side) Generic Indian

- ½" (12mm) Bore
- · Right Side
- · Overall length 75mm
- · Shaft outside diameter Ø19mm

Code	Description	иом	Price
S36480	Ø12mm Bore (Right Side) Generic Indian	EACH	£3.95



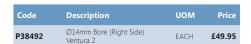
Ø14mm Bore (Left Side) Ventura 2

- 0.55" (14mm) Bore
- Left Side
- Overal Length 140mm
- Shaft Outside Diameter Ø19mm

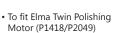
Code	Description	UOM	Price
P38491	Ø14mm Bore (Left Side) Ventura 2	EACH	£49.95

Ø14mm Bore (Right Side) Ventura 2

- 0.55" (14mm) Bore
- Right Side
- Overal Length 140mm
- Shaft Outside Diameter Ø19mm



Ø15mm Bore (Left Side) Elma Twin 3800300005



- 5/8" (15mm) Bore
- Left Side
- Overal Length 150mm
- Shaft Outside Diameter Ø20mm
- Largest Threaded Diameter Ø13mm
- Elma 3800300005

Code	Description	иом	Price
P4802	Ø15mm Bore (Left Side) Elma Twin 3800300005	EACH	£30.95

Ø15mm Bore (Right Side) Elma Twin & Unispeed 3800200017

- To fit Elma Twin & Unispeed Polishing Motors (P1418/ P2049)
- 5/8" (15mm) Bore
- Right Side
- Overal Length 110mm
- Shaft Outside Diameter Ø20mm
- Largest Threaded Diameter Ø13mm
- Elma 3800200017

Code	Description	иом	Price
P4803	Ø15mm Bore (Right Side) Elma Twin & Unispeed 3800200017	EACH	£30.95

Ø15mm Bore (Right Side) Generic UK

Made

- 5/8" (15mm) Bore
- Right Side
- Overal Length 150mm
- · Shaft Outside Diameter Ø22mm

Code	Description	иом	Price
T4242	Ø15mm Bore (Right Side) Generic UK Made	EACH	£27.95





Ø19mm Bore (Left Side) Polimax 1

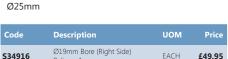
- 3/4" (19mm) Bore
- Left Side
- Overal Length 190mm
- Shaft Outside Diameter Ø25mm



Code	Description	UOM	Price
S34917	Ø19mm Bore (Left Side) Polimax 1	EACH	£49.95

Ø19mm Bore (Right Side) Polimax 1

- 3/4" (19mm) Bore
- Right Side
- Overal Length 190mm
- Shaft Outside Diameter
 Cases



Tapered Spindles, Mini

Polimax 1



Use these fantastic mini tapered spindles on the end of your existing polishing motor spindle, so you can use mini buffs and felts with your existing polishing motor.

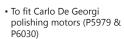
- Ø7mm unthreaded bore
- Plastic body, allowing it to be manipulate to your requirements
- Left and right hand
- 90mm overall length
- 10mm tapered spindle
- Ø3 to Ø4mm tapered spindle
- Made in India

Code	Description	ИОМ	Price
M39319	Ø7mm Bore (Left Side)	EACH	£3.95
M39320	Ø7mm Bore (Right Side)	EACH	£3.95

Wheel Mandrels

This is a selection of wheel mandrels that mount your abrasives (as well as other wheels).

Ø10mm Bore (Right Hand) Carlo De Georgi



• 73mm Total Length



Ø15mm Bore (Right Hand) Elma 3800211000



- To fit Elma polishing motors (P1418 & P2049)
- Twin & unispeed

Code	Description	иом	Price
P6118	Ø15mm Bore (Right Hand) Elma 3800211000	EACH	£34.95

Ø19mm Bore (left Hand) Polimax 1

- Bolt on left hand spindle, purposely made for our range of Abrasive wheels (P4581)
- Please note our range of Artifex wheels will fit direct onto these spindles other wheels like Manhattan, silicon & felts etc. will have to be altered by drilling the centre bore size as required.

Size and weight: overall length 185mm

Weight: 600g

Code	Description	иом	Price
S34691	Ø19mm Bore (left Hand) Polimax 1	EACH	£89.95

Split Wooden Tapered Spindle



A valuable finishing aid that saves time and money

- Just wind on your polishing spindle, cut your abrasive paper in strips and wrap round and off you go
- Excellent for inside rings and bangles

Dimensions:

- Overall length 100mm
- Taper length and slit 60mm
- Diameter Ø13mm bottom & Ø7mm top
- Mounting bore size 5mm

Weight: 15 grams

Code	Description	иом	Price
M34922	Taper Spindle Mountinf Wooden Split Mandrel	EACH	£1.50

POLISHING MACHINE

ACCESSORIES - ELMA

Filter, Elma Polini



Elma Polishing Machine Filter

- Polini
- Elma 3800100006

Code	Description	иом	Price
P4610	Filter (Polini) Flma 3800100006	FACH	f3 50

Filter, Elma Twin & Unispeed

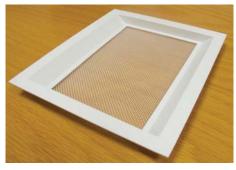


Elma Polishing Machine Filter

- Multispeed (Twin) & Unispeed
- Elma 38002100013

Code	Description	UOM	Price
P4611	Filter (Twin & Unispeed) Elma 3800200013	EACH	£4.20

Filter Cover, Elma



Elma Polishing Machine Filter Cover

- Polini
- Twin
- Unispeed
- Elma 3800205000

Code	Description	иом	Price
P8599	Filter Cover (Twin, Unispeed & Polini) Elma 3800205000	EACH	£17.95

Fluorescent Tube, Elma



Elma Polishing Machine Light bulb

- For unispeed (P2049) & twin multispeed (P1418)
- Elma 3000010153

Code	Description	иом	Price
P38755	Flurocesant Bulb, Elma 3000010153	EACH	£19.95

Speed Switch, Elma Polini

Elma Polishing Machine Speed Switch

- Polini
- Elma 3000010131



Code	Description	иом	Price
P4612	Speed Switch (Polini) Elma 3000010131	EACH	£6.95

Additional photos on our website.

Speed Switch, Elma Twin & Unispeed

Elma Polishing Machine Speed Switch

- Twin & Unispeed
- Elma 3000010159



Code	Description	иом	Price
P2049A	Speed Switch (Twin & Unispeed) Elma 3000010159	EACH	£37.50

POLISHING MACHINE ACCESSORIES - FOREDOM

FOREDOM[®]



A Complete range of accessories for the Foredom BL2CE Polishing Motor

- 3 Jaw Chuck Attachment
- Collet Holder With 3 Collets
- Flexade Flexi Drive Shaft
- Fuses
- Motor Brushes
- Spindle Adapter
- Speed Control Unit
- Tapered Spindles
- Wheel Hub Adapter
- Wheel Mandrels

3 Jaw Chuck Attachment

FOREDOM[®]



- For Polishing Machine BL2CE
- Chuck Arbor
- Right side for Ø8mm (1/4") shaft
- Arbor adjusts to hold accessories with shank from $\emptyset0$ to $\emptyset4$ mm (5/32")
- Comes with chuck key
- For use only on right hand side

Code	Description	иом	Price
FDJCA2	3 Jaw Foredom Chuck Attachment	EACH	£40.50



Collet Holder with 3 Collets



Collet holder for mounting various size shank mandrels, sanding drums, etc.

- For polishing machine BL2CE
- Collet holder with 3 collets
- Right side for Ø8mm (5/16") shaft
- For use only on right hand side
- Collet holder on arbor
- Collets
- Allen Key
- Pin & Wrench

Collets:

- Ø2.35mm (3/32")
- Ø3.18mm (1/8")
- Ø6.35mm (1/4")

	Code	Description	иом	Price
ı	FDCHA5	Foredom Collet Holder with 3 Collets	EACH	£29.95

Flexible Drive Conversion Kit



Flexade Flexi Drive Shaft for Foredom Polishing Motor RI 2CF

- Converts Foredom polishing motor BL2CE into a flex shaft machine (similar to a pendant motor, see code K2220CE)
- Your polishing motor can then be used with the vast array of pendant motor hand pieces that are available
- Choose either USA quick change or European slip joint hand piece fitting
- Length 760mm (30" inch) long
- Standard sheath
- Motor coupling size Ø8mm (5/16")
- Max 7500rpm

Code	Description	иом	Price
FD516	USA Handpiece Fitting Flexishaft Conversion	EACH	£41.50
FDS10815	Slip Joint Handpiece Fitting Flexishaft Conversion	EACH	£32.95

Fuses

Foredom Fuses for Filter Hoods, FOREDOM Micromotors & Polishing Motor.



- Filter Hood FDMAFH25 & FDMAFH27
- Micromotor FDK1020
- Micromotor K1070CE
- Micromotor K1080CE
- Micromotor K1090CE

Fuse FD10513 for:

- Polishing Motor BL2CE with rectangular fuse receptacle (3 amps)
- Dial controls for pendant motors F48216 & F48215

Fuse FD10543 for:

 Polishing Motor - BL2CE with round fuse receptacle (1.5 amps)

Description	иом	Price
Fuse for Micromotors & Filter Hoods, Foredom	EACH	£3.50
Fuse for Polishing Motor BL2CE with Rectangular Receptacle	EACH	£3.95
Fuse for Polishing Motor BL2CE with Round Receptacle	EACH	£3.95
	Fuse for Micromotors & Filter Hoods, Foredom Fuse for Polishing Motor BL2CE with Rectangular Receptacle Fuse for Polishing Motor BL2CE	Fuse for Micromotors & Filter Hoods, Foredom Fuse for Polishing Motor BL2CE with Rectangular Receptacle Fuse for Polishing Motor BL2CE Fuse for Polishing Motor BL2CE Fach

Motor Brushes

Motor Brushes MP262P for:

- Polishing Motor BL2CE
- Pair



Code	Description	иом	Price
MP262P	Foredom BL2CE Motor Brushes	PAIR	£7.65

Spindle Adapter

FOREDOM®



Spindle Adapter for Foredom Polishing Motor BL2CE

- Plastic Spindle
- For left or right hand mounting
- Buffs and wheels up to Ø100mm (4")
- Ø9.5mm (3/8") arbor hole
- Also ideal for Radial Bristle Discs

Code	Description	UOM	Price
FD4562	Left Side Foredom Plastic Spindle Adapter	EACH	£1.50
FD4561	Right Side Foredom Plastic Spindle	EACH	£1.50

FOREDOM'

Speed Control Unit

Speed Control Unit for Foredom Polishing Motor BL2CE



- Foredom 10495-2
- 230V



Tapered Spindles



Tapered Spindles for Foredom Polishing Motor BL2CE

- Tapered Spindles left or right side for Ø7.5mm (5/16")
- For left or right hand mounting of buffs and wheels up to Ø100mm (4")

• Overal Length 92mm

Code	Description	иом	Price
FDTM5	Left Side Foredom Tapered Spindle	EACH	£7.95
FDTM6	Right Side Foredom Tapered Spindle	EACH	£7.95

Wheel Hub Adapter

Wheel Hub Adapter for Foredom Polishing Motor BL2CE

- For Tapered Spindles
- For left and right hand mounting
- Wheels with Ø25mm (1") arbor hole
- For BL2CE polishing motor spindles and standard tapered spindles



Code	Description	иом	Price
FD4568	Wheel Hub Adapter, Foredom	EACH	£5.95

Wheel Mandrels

FOREDOM[®]





Wheel Mandrels for Foredom Polishing Motor BL2CE Specifically designed for rubber bonded abrasive wheels, grinding stones & sanding drums.

- Wheel mandrels left or right side for Ø8mm (5/16") shaft
- For left or right hand mounting
- \bullet For buffs and wheels up to Ø100mm (4")
- 6mm (1/4") centre mounting
- Up to 19mm (3/4") thick

Code	Description	иом	Price
FDWM5	Left Side Foredom Wheel Mandrel	EACH	£10.50
FDWM6	Right Side Foredom Wheel Mandrel	EACH	£10.50

POLISHING MACHINE ACCESSORIES - OTHER

<u>Dressing Rakes for</u> <u>Mops & Buffs</u>

Through usage mops clog with compound and surface residue, which can cause defect the quality of polishing.

A Mop/Dressing Rake will clean and reshape a mop restoring it to good as new, giving the user fresh mop material when polishing so you can polish to a high standard.

Please note: appropriate protective equipment should be used when operating this tool, see

links below for full range.

How to use...

- 1. Run the soiled mop on the polishing machine as if you were polishing.
- 2. Hold the Dressing Rake with pressure against the mops.
- 3. With the spikes of the tool facing down let the mop cut into the rake (as if polishing).
- 4. The Dressing Rake will shave the mop hair surface and renew the mops look and competency.
- 5. Now the mop is ready to polish.

Dressing Rake, Metal Handle - A*F Swiss



- Overal length 180mm
- Maximum Width: 40mm

Code	Description	иом	Price
P9625	Dressing Rake, Metal Handle - A*F Swiss	EACH	£25.95

Dressing Rake Metal Handle - Non EU



- Overal length 220mm
- Maximum Width: 62mm

Code	Description	UOM	Price
P32817	Dressing Rake Metal Handle - Non EU	EACH	£12.70

Dressing Rake for Polishing / Buffing Mops, Double Handle - Non



- •This durable heavy duty rake is excellent to trim down your old polishing mops with speed
- Double wooden handle
- Overal length 380mm

Code	Description	иом	Price
R36350	Dressing Rake for Polishing / Buffing Mops, Double Handle - Non EU	EACH	£8.50
	Price breaks available, see we	ebsite	

Polishing Machine Filters & Bags

Polishing Machine Filter Bags

Specific to polishing machines we sell.

- P12725 Polimax 1 (P8670, P8670A also Filtair E19539)
- P8760A Ventura 2 (P8760)
- E8292A Ventura 3 (E8292)
- D41135 Durston polishing machines (P40516 & P40517)
- P44202 Practec double polishing machine (P44200)
- P44203 Practec double polishing machine (P44201)

Filter Bag for Polimax 1

For

- Polimax 1 (P8670, P8670A)
- Filtair (E19539)



Code	Description	иом	Price
P12725	Filter Bag for Polimax 1	EACH	£21.50

Filter Bag for Ventura 2

For:

• Ventura 2 (P8760)



Code	Description	иом	Price
P8760A	Filter Bag for Ventura 2	EACH	£13.25

Filter for Ventura 3



- For Ventura 3 (E8292)
- Dimensions: 790 x 300 x 48mm
- Made in Great Britain

Code	Description	UOM	Price
E8292A	Filter for Ventura 3	EACH	£34.95

Filter for Durston Polishing Motor

• For codes P40516 & P40517



Code	Description	иом	Price
D41135	Filter for Durston Polishing Motor	EACH	£7.95

Filter for Practec Single Polishing Motor



- 145 x 175mm
- For polishing motor P44200

Code	Description	иом	Price
P44202	Filter for Practec Single Polishing Motor	EACH	£3.50

Filters for Practec Polishing Motor P44201



- Pack*2
- For polishing motor P44201

Code	Description	иом	Price
P44203	Filters for Practec Polishing Motor P44201	PACK*2	£35.95

Polishing Bow



Bergeon Swiss 2045

An ideal tool for polishing in the most intricate areas.

- Polish into areas such as claw settings, filigree styles, in between bracelet and chain links, etc
- The holding handle is made from aluminium and the bow string holder is comprised of spring steel.

How to use...

- 1. Tie a piece of cotton string form both ends (Not supplied).
- 2. Depending on the metal to be polishing select a bar of compound (See consumables ~ Compounds & Polishing Waxes for full range); simulate a sawing motion over the polishing bar. This will impregnate the cotton string with the polishing media.
- 3. Now replicate this sawing motion over the area the string can reach using this forward and backwards motion. Apply some pressure and the item will instantly achieve a polished mirror finish.

Overall length 30cm Weight: 7g

Code	Description	UOM	Price
P1416	Polishing Bow In Metal, Bergeon	EACH	£42.95



Polishing Cowls



Polishing with mops and abrasives is an untidy process with mop hairs, polishing composition and dust dispersing over the workshop.

This inexpensive Polishing Cowl Metal Hood is an aid to reduce air contamination in the workshop maintaining an environmentally improved working atmosphere. Furthermore, we also supply polishing bench motors (code P5979, P6030) which ideally fit this unit.

See our whole range of Polishing units with extractors, which gives first-rate efficiency whilst polishing.

- Enamel, navy blue, painted finish
- Rigid metal construction
- Included with a bottom and top lip, thus reducing mop/dust circulating towards the user during polishing
- With precious metal prices at record levels it is essential to retain any lemel collected in the cowl, ready for it to be refined

Size and Weight:

- 290mm x 220mm 280mm
- Hood opening 250mm x 21mmm
- Weight: 2.7 kg

Please note this hood is designed to fit most free standing polishing motors.

The working spindle height is 150mm as illustrated in the image and can accommodate a mop up to eight inches in diameter.

Motor and mop not included

Code	Description	UOM	Price
P33534	Polishing Cowl Steel Hood	EACH	£47.95

PRECIOUS METAL TESTING

QUICKTEST /
TROYTEST PRECIOUS
METAL TESTING

Precious Metal Testing Kits

Precious Metal Testing Kits - Quicktest - Troytest

- White 9ct Gold Testing and Non Gold Refill Bottle
- Amber Silver Testing Refill Bottle
- Blue 14ct to 24ct Gold Testing Refill Bottle
- Green White 18ct Gold & Platinum Testing Refill Bottle*
- Clear 8ct to 9ct & High Zinc 9ct Testing Refill Bottle
- 3 Bottle Kit: White, Amber & Blue
- 4 Bottle Kit: White, Amber, Blue & Green

5 Bottle Kit: White, Amber, Blue, Green & Clear

Quicktest 3 Bottle Kit



3 Bottle Kit: White - Amber - Blue

- Precious metal testing
- From the makers of Troytest
- An all time best seller
- Test non gold to 24ct & Silver
- Quick & very easy, full instructions provided.

Replacement Bottles are also the same for the Troytest See PDF for full details

Code	Description	иом	Price
T20294	Quicktest 3 Bottle Kit	EACH	£32.95

Troytest 4 Bottle Kit



- 4 Bottle Kit: White Amber Blue Green
- · Precious metal testing
- 4 Bottle Kit
- Plus Troytest Papers

Code	Description	иом	Price
T33536	Troytest 4 Bottle Kit	EACH	£42.85





Troytest 5 Bottle Kit



- 5 Bottle Kit: White Amber Blue Green Clear
- · Precious metal testing
- 5 Bottle Kit
- Plus Troytest Papers

Code	Description	UOM	Price
T33537	Troytest 5 Bottle Kit	EACH	£49.95

Testing Acids



Precious Metal Testing Acid

• White (9ct) Bottle

Known as 'White Fluid', in the Quicktest set it is known as the "9ct bottle". It is the same fluid.

Appearance: the bottle is labelled 'White Fluid' (9ct), the fluid is clear

(9ct), the fluid is clear.
Purpose: to tell if a metal is not gold, or if it is 9ct, or if it is better than 9ct. If it is better than 9ct it won't tell you what it is, you must move on to the 14-24ct bottle.

• Amber (silver) Bottle

Known as 'Amber Fluid', in Quicktest set it is known as the 'silver bottle', it is the same fluid. Appearance: the bottle is labelled AMBER FLUID (silver), the top of the lid has a red dot, the colour of the fluid is amber. Purpose: to tell if a white metal is silver, typically .925, though there's a slight reaction on .800

• Blue (14-24ct) Bottle

Known as 'Blue Fluid'. In the Quicktest set this is known as the "14ct to 22ct bottle" or the "High carat bottle". It is the same fluid. Appearance: the bottle is labelled BLUE FLUID (14-24ct), the top of the lid has a blue dot, the fluid varies from light yellow to deep yellow. Purpose: tests for 14 to 24ct. It is also used in combination with the GREEN fluid to distinguish WHITE gold from steel and platinum.

Tip: this fluid is to test from 14 to 24ct having first used the 9ct fluid to test for 9ct / non-gold.

• Green (platinum) Bottle

Appearance: the bottle is labelled GREEN FLUID, the top of the lid has a green dot, the fluid is clear.

Purpose: to distinguish 18ct WHITE gold from stainless steel, the implication being that if it is neither, it MIGHT be platinum (unlike the other

tests, this is not a 'positive' test). Most people call this the 'Platinum' bottle. At the same time (whilst distinguishing white gold from steel or platinum) it will tell you if the metal is 14ct or 18ct. HOWEVER, all these tests must be done in conjunction with the BLUE fluid, this (Green) bottle cannot be used on its own. None of this is necessary for testing yellow metals, this is only to distinguish WHITE gold from steel or platinum.

TIP: if the metal is magnetic or if, when you file the item, you can feel that the metal is hard (as hard as the steel file) - it cannot possibly be gold or silver or platinum, there is no need to use acid. (But being magnetic does not mean it's steel, some steel is not magnetic).

• Clear (high-zinc 9ct) Bottle Clear Fluid or Base Fluid

Appearance: the bottle is labelled CLEAR FLUID (8-9ct), the top of the bottle cap has a brown dot, the fluid is clear.

Purpose: to distinguish a particular 9ct alloy that contains a high level of zinc from 'standard' 9ct, and at the same time to give an indication of very low-grade gold such as 8ct.

Tip: this is not an easy fluid to use and should not be used in place of the standard 9ct bottle. Also, since the high-zinc alloy is quite recent, all items should be hallmarked, so test the hallmark link, check that the remainder of the item has the same reaction, if in doubt check aga

White - 9ct Gold Testing and Non Gold Refill Bottle

Purpose: to tell if a metal is not gold, or if it is 9ct, or if it is better than 9ct.

If it is better than 9ct it won't tell you what it is, you must move on to the 14-24ct bottle.



Code	Description	иом	Price
T1697	White - 9ct Gold Testing and Non Gold Refill Bottle	EACH	£7.95

Amber - Silver Testing Refill Bottle

Purpose: to tell if a white metal is silver, typically .925, though there's a slight reaction on .800



Code	Description	UOM	Price
T1695	Amber - Silver Testing Refill Bottle	EACH	£7.95

Blue - 14ct to 24ct Gold Testing Refill Bottle

Purpose: tests for 14 to 24ct. It is also used in combination with the GREEN fluid to distinguish WHITE gold from steel and platinum.



Code	Description	иом	Price
T1696	Blue - 14ct to 24ct Gold Testing	EACH	£7.95

Green - White 18ct Gold & Platinum Testing Refill Bottle

Purpose: to distinguish 18ct WHITE gold from stainless steel, the implication being that if it is neither, it MIGHT be platinum (unlike the other tests, this is not a 'positive' test). Most people call this the 'Platinum' bottle. At the same time (whilst distinguishing white gold from steel or platinum) it will tell you if the metal is 14ct or 18ct.



HOWEVER, all these tests must be done in conjunction with the BLUE fluid, this

(Green) bottle cannot be used on its own. None of this is necessary for testing yellow metals, this is only to distinguish WHITE gold from steel or platinum.

Code	Description	иом	Price
T1698	Green - White 18ct Gold & Platinum Testing Refill Bottle	EACH	£7.95

Clear - 8ct to 9ct & High Zinc 9ct Testing Refill Bottle

Purpose: to distinguish a particular 9ct alloy that contains a high level of zinc from 'standard' 9ct and at the same time to give an indication of very low-grade gold such as 8ct.



Code	Description	иом	Price
T1694	Clear - 8ct to 9ct & High Zinc 9ct Testing Refill Bottle	EACH	£10.95

Testing Paper, Troytest/Quicktest Refills

Refills for all troytest gold testing kits.



Code	Description	иом	Price
T1699	Testing Paper, Troytest/Quicktest Refills	EACH	£1.75

Testing Stones

Gold Testing - Precious Metal Testing Stones

When testing for gold, always suspect that the item could be plated.

Rub the stone over the piece to remove any plate on the item.

Apply the acid as required on the touch stone to test.

Applying testing acid directly on to the metal will discolour the item, therefore if a piece is returned to the customer there will be no acid spoil inflicted on to the metal.

(Stone size may vary)

Other Uses:



- After sharpening your gravers on a sharpening stone use a "Touch Stone" to achieve a mirror finish, a better way than using conventional abrasive paper that could
- Use oil to obtain best results.

60 x 40 x 20mm **Testing Stone**

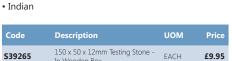
- 60 x 40 x 20mm
- · Quicktest Kit replacement



Code	Description	иом	Price
T20860	60 x 40 x 20mm Testing Stone	EACH	£3.65

150 x 50 x 12mm **Testing Stone - In Wooden Box**

- 150 x 50 x 12mm
- · In wooden box, with lid



150 x 75 x 15mm **Testing Stone**

- 150 x 75 x 15mm
- Indian



MIZAR PRECIOUS METAL TESTING

Mizar M-24



Mizar M-24 Precious Metal Tester

- Tests gold from 9 to 24 carat ie. 9ct, 10ct, 12ct, 16ct, 20ct 22ct and 24ct.
- · Distinguishes gold flash and gold plate from solid gold.
- Tests all colour gold alloys.
- · Non-destructive testing.
- Determines platinum.
- · Shuts off automatically which in turn increases battery

- Tests in as little as 2 seconds.
- Acid Oxidizer Refill (T9245A)
- Activator/Electrolyte Refill (T9244A)

Code	Description	UOM	Price
T9245	Mizar M-24 Precious Metal Tester	EACH	£139.95

Mizar M-24 Refill

Gold Testing - Mizar M-24 Refill

- Mizar M-24 (T9245)
- Test solution No.1995
- Acid/oxidizer



Code	Description	иом	Price
T9245A	Mizar M-24 Refill	EACH	£24.50

PRINTERS, ROLLS & RIBBONS

Paper Rolls



Timing Machine Paper Rolls

- Plain and self-inking
- Greiner B200/B100 = 36mm
- Supplied in Rolls of 10 pieces per reference
- Genuine Greiner Printing rolls

Code	Description	иом	Price
T1711	30mm Wide Plain Timing Rolls	EACH	£3.95
T1712	30mm Wide Self Printing Timing Rolls	EACH	£6.50
T1710	36mm Wide Plain Timing Rolls	EACH	£3.95
T1713	36mm Wide Self Printing Timing Rolls	EACH	£6.50
	Price breaks available, see web	site	





Auto-Print Kit, Witschi





Witschi Auto-Print Kit

No need to buy a printer, simply hook up your testing machine to a PC with the software installed and see your results displayed on screen (ready for printing or emailing). Compatible with windows operating system.

For:

- Witschi Watch Expert 3 (Cousins ref: T20214)
- Witschi Watch Expert 4 (Cousins ref: T46232)
- Witschi Q1 (Cousins ref: T19427)
- Witschi Analyser Twin (Cousins ref: W34907)
- Witschi Chronoscope S1 (G2) (Cousins ref: W37691)
- Witschi Chronoscope X1 (Cousins ref: T32439)
- Witschi ALC 2000
- Witschi Proofmaster S (Cousins ref: W20802)
- Witschi Proofmaster M (Cousins ref: W34905)
- Elma Spheric Leak Detector (Cousins ref: W32404)

Kit Includes:

- Software CD rom • AT link cable
- RS232 cable
- · Instruction manual

Code	Description	UOM	Price
W38268	Witschi Autoprint PC Kit	FΔCH	f134 95

CBM-910 Non Graphic Printer



CBM-910 Non Graphic Printer

- Non Graphic
- For Elma Watchmatic 2 (T9700) (Witschi Expert 2)
- For Witschi ALC2000 Waterproof Tester (W12041)
- For Greiner Poseidon LT 100 (W9680)

Code	Description	иом	Price
P15222	Printer, CBM-910 Non Graphic	EACH	£299.95
P30571	CBM-910 Printer Black Ribbon	EACH	£10.50
P30572	CBM-910 Printer Paper Roll	EACH	£3.65

Thermo Printer, Martel



Martel Thermo Printer

- Elma Watchmatic 3 (Cousins ref: T20113)
- Witschi Watch Expert 4 (Cousins ref: T46232) requires connection cable P45737
- Witschi Watch Expert 3 (Cousins ref: T20214)
- Witschi Q1 (Cousins ref: T19427)
- Witschi Analyser Twin (Cousins ref: W34907)
- Witschi S1 (Cousins ref: T20798)
- Witschi ALC 2000
- Witschi Proofmaster S (Cousins ref: W20802)
- Elma Spheric Leak Detector (Cousins ref: W32404)

Code	Description	иом	Price
P15224	Martel Thermo Printer	EACH	£214.95
P32776	Martel Thermo Printer Paper Roll	EACH	£6.95
P45737	Printer Cable for Witschi Watch Expert 4	EACH	£46.95
	Price breaks available, see website		

Thermo Printer, Martel (For Greiner)



Martel Thermo Printer

Martel Printer MCPK7830X6

For:

- Greiner Poseidon (Cousins ref: W9680)
- Greiner Compact 900
- · Greiner LC Prime

Martel thermo printer paper roll Cousins ref: P32776

Code	Description	UOM	Price
P42036	Martel Thermo Printer	EACH	£249.95

Thermo Printer, Witschi



Witschi Thermo Printer - With Automatic Cutter For:

- Witschi Watch Expert 3 (Cousins ref: T20214)
- Witschi Watch Expert 4 (Cousins ref: T46232)
- Witschi Q1 (Cousins ref: T19427)
- Witschi Analyser Twin (Cousins ref: W34907)
- Witschi S1 (Cousins ref: T20798)
- Witschi ALC 2000

- Witschi Chronoscope S1 (G2) (Cousins ref: W37691)
- Witschi Chronoscope X1 (G2) (Cousins ref: T32439)
- Witschi Chronoscope X1 (G3) (Cousins ref: T44313)
- Witschi Proofmaster S (Cousins ref: W20802)
- Elma Spheric Leak Detector (Cousins ref: W32404)

Power range 100 to 240 volt (can be used either at 240 volt or 115 volt)

Code	Description	UOM	Price
P38415	Thermo Printer with Auttomatic Cutter	EACH	£395.00

Ribbon (Greiner B200)



Timing Machine Ribbon

- · Ribbon and reels complete.
- · Ribbon is Dry
- Use a Screwdriver, remove circular clip which is fixed to the end of the roller spindle
- Place the new roller on it's spindle and fix circular clip with help of a pair of flat nosed pliers

Code	Description	иом	Price
T7710	Greiner B200 Timing Machine Ribbon & Reels	EACH	£39.50

Ribbon by Size



Timing Machine Ink Ribbon

• Pre-inked continuous tape loops

Code	Description	UOM	Price
T7711	Timing Machine Ink Ribbon width 33mm, length 260mm	PACK*10	£25.25

PROTECTIVE



In the day to day running of your workshop there

are certainly steps that you should take to protect yourself, your staff and perhaps even your customers from the hazards that we all face in a workshop environment.

We have a comprehensive range of eye, hand/finger and body protective aids to help you be safe while carrying out your routine making and repairing tasks

You should always keep a good stock of protective equipment in your workshop; this can give you and your fellow tradesmen confidence to go about your daily business without hindrance, knowing you are fully protected.

Aprons & Vests

Cotton Vest



- · Cotton vest for diamond dealers
- · Anchored over shoulders
- · Fits all sizes
- With zippered pouches & 2 open pockets

Overall size:

- Shoulder to base: 70cm
- Width at bottom: 25cm
- Shoulder strap width: 65mm

Code	Description	UOM	Price
A47050	Cotton Vest	EACH	£9.95

Denim Jean Apron

- Classic Blue Denim Apron
- · With waist and chest additional storage pockets
- Simply apply over neck and tie to back of waist with the integrated tying lengths

Overall size:

- 36" x 28"
- Pocket sizes: Chest, 4" x 5 1/2", waist 7" x 8
- · Weight 400g



Code	Description	UOM	Price
A31252	Denim Jean Apron	EACH	£5.95

Dialux Polishing Rouges

See Page 1171





Leather Apron

- · Leather Apron
- Genuine leather apron
- Black, with neck loop & waist
- · Tough and durable while easily wipe-able
- Excellent value

Overall size:

• 29" x 20"

• Weight 400g Code Description A38761 £12.95 EACH Leather Apron



- leather protective wear for over 30 years.
- A traditional, high quality, genuine suede leather apron
- With front pocket handy to store items to hand
- · British nickel plated rivets for strength • Rot resistant bonded nylon
- thread ensures long working
- · Supplied with a two lengths material, one for hanging around your neck, the other for securing around your

Overall size:

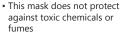
- 38" x 24"
- 2.5mm thickness
- Pocket size 11" x 8"

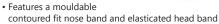
Code	Description	UOM	Price
A8598	Suede Leather Apron	EACH	£69.95

Dust Mask

Dust Masks

An economical mask that can be used for protection against low concentrations of coarse. non-hazardous dusts as well as other airborne pollutants.





· Box of 50 pieces

Code	Description	иом	Price
M6258	Dust Mask	PACK*50	£4.45
	Price breaks available, see website		

Ear Defenders

Ear Defenders

Collapsible Ear Defenders are a lightweight, affordable, general purpose ear defender.

- · Collapsible head band for easy storage
- · Adjustable ear cup area to fit most sizes: small, medium and large
- Lightweight and comfortable • Universal size
- · Simplified noise level reduction (SNR) [the number of decibels by which the product reduces audible noise]
- · CE marked



Code	Description	UOM	Price
E33533	Ear Defenders	EACH	£5.65

Finger Cots - Latex



Finger Cots - Latex

- Pack*100
- · Off white color
- Tough, anti static & powder free
- On size fits all

Code	Description	UOM	Price
F47703	Latex Finger Cots	PACK*100	£2.50

Finger Cots - Latex, A*F Swiss



Finger Cots - Latex

- A*F Swiss
- Latex finger cots, "your guarantee of quality and assured success
- Supplied in a practical box of 144 pieces
- Tough Anti static Powder free Textured tip More
- · Rolled with rim for easy fitting, Pink colour

Description	иом	Price
Small Latex Finger Cots	PACK*144	£6.95
Medium Latex Finger Cots	PACK*144	£6.95
Large Latex Finger Cots	PACK*144	£7.25
Extra Large Latex Finger Cots	PACK*144	£7.50
	Small Latex Finger Cots Medium Latex Finger Cots Large Latex Finger Cots	Small Latex Finger Cots PACK*144 Medium Latex Finger Cots PACK*144 Large Latex Finger Cots PACK*144

Finger Protectors - Cotton



Finger Protectors - Cotton

Quick and easy good economical protectors for when handling polished jewellery, plates, tankards etc.

- Breathable cotton
- · Elasticated, one size fits all
- · Powder free
- Pack*100

Code	Description	иом	Price
F45552	Finger Protectors, Cotton	PACK*100	£9.95

Finger Protectors - Leather



Finger Protectors - Leather

- · Jewellers favourite
- Genuine leather offering strong finger protection
- Great for protection whilst using polishing machines
- · Elastic backing for protection on fingers
- Open or closed ends

Code	Description	иом	Price
P20862A	Closed End Leather Finger Protector	EACH	£0.75
P20862	Open End Leather Finger Protector	EACH	£0.75

Finger Protectors - Leather (Soft)



Finger Protectors - Soft Leather

- · Jewellers favourite
- · Genuine soft leather
- · Great for protection whilst using polishing machines or work shops
- · Protects items from greasy fingers whilst being displayed
- · Fully closed and sealed
- · Finger or thumb protectors
- · Black or white
- Pack*10

Dimensions (overall length x diameter at base)

- Finger guards: 80mm x Ø30mm
- Thumb guards: 65mm x Ø35mm

Dimensions are approximate

Code	Description	иом	Price
F45707	Finger Guard, Black	PACK*10	£5.95
F45705	Finger Guard, White	PACK*10	£5.95
F45708	Thumb Guard, Black	PACK*10	£5.95
F45706	Thumb Guard, White	PACK*10	£5.95



Finger Protectors - Leather, Bergeon



Finger Protectors - Leather - Bergeon

- Bergeon Swiss
- · Soft suede with elastic
- Offering strength as well as flexibility
- Very Supple
- Easy to Fit
- Popular with watchmakers
- 3 sizes of leather finger protectors
- Excellent for the handy tradesman
- Sold Singly

Code	Description	иом	Price
P1355	Medium Leather, Bergeon 6752M	EACH	£4.25
P1356	Large Leather, Bergeon 6752L	EACH	£4.30
P1357	Extra Large Leather, Bergeon 6752XL	EACH	£4.95

Finger Protectors - Rubber



Finger Protectors - Rubber

- Made from rubber
- Heavy duty
- Powder free
- Available in small, medium, large & extra large
- 12 pieces per pack

Dimensions are approximate

Code	Description	иом	Price
F40409	Small Ø15mm (1.75mm thick rubber) Cots	PACK*12	£1.95
F40410	Medium Ø20mm (1.75mm thick rubber) Cots	PACK*12	£1.95
F40411	Large Ø24mm (2.00mm thick rubber) Cots	PACK*12	£2.50
F40412	Extra Large Ø28mm (2.50mm thick rubber) Cots	PACK*12	£2.50

Finger Protectors - Rubber, Bergeon



Finger Protectors - Rubber

Classic Bergeon Swiss finger protectors.

- Bergeon Swiss
- Powder free
- Anti-static
- Rolled rim for easy fitting

• 10 pieces per pack

Code	Description	иом	Price
P1353	Ø17mm Finger Protectors, Bergeon 5171	PACK*10	£14.75
P1354	Ø19mm Finger Protectors, Bergeon 5172	PACK*10	£14.75

Finger Tape



Finger Tape - A*F Swiss - Finger Pro

- A&F 193.425 Finger Pro
- Supplied 30 meters per roll x 20mm wide
- Sticks only to itself, not to the skin
- The ultimate finger and wrist protector from cuts burns and abrasions
- Aka Rhino tape

	Code	Description	UOM	Price
ı	0667	Finger Tape	EACH	£2.25

Gloves - Chemical Resistant



Gloves - Chemical Resistant

General-purpose gauntlet design for shielding bare hands and wrists from skin reaction and long-term damage by hazardous and corrosive cleaning fluids etc.

- Flocked lining affords both comfort and easy fitting/ removal
- Blue anti-slip textured surface for good grip
- Rubber

Code	Description	иом	Price
G9904	Small (Size 7) Chemical Resistant Gloves	PAIR	£2.25
G9905	Medium (Size 8) Chemical Resistant Gloves	PAIR	£2.25
G9907	Large (Size 9) Chemical Resistant Gloves	PAIR	£2.50
	Price breaks available, see websi	ite	

Dialux Polishing Rouges

See Page 1171



Gloves - Heat Protection (Gauntlet Type), Honeywell



Gloves - Heat Protection - Gauntlet Type - Honeywell

Cowhide split leather gloves with Gunn cut, winged thumb. Ideal for use with melting/casting and soldering projects

Features:

- Aluminised Kevlar back of the hand with cotton fleece liner.
- Heat resistant split leather palm with cotton fleece lining.
- Split leather cuff with cotton fleece liner on palm side.
- Aluminised Kevlar cuff with cotton fleece liner on back side.
- Leather thickness 1.1/1.3 mm.

Benefit

- Comfort split leather is the ideal material for the production of heat résistance gloves.
- Its US assembly, winged thumb and the flexible materials used make this glove ergonomic, thus providing the user with comfort of use.
- The cotton fleece lining increases the glove's thermal insulation.
- Resistance aluminized Kevlar textile back offers strong protection to heat, radiation and small splashes of molten metal.
- Its cotton fleece reinforcement inside the glove and at the side of the hand provide good support on hot metal parts
- Safety the split leather cuff helps to protect a large part of the forearm against mechanical hazards.

Size: 10 Length: 35.5cm Weight: 300g

Code	Description	иом	Price
G35043	Gloves, Heat Portection	PAIR	£49.95

Gloves - Heat Protection (Gauntlet Type), Honeywell



Gloves - Heat Protection - Gauntlet Type - Ultima Superior

- Top quality, "A" grade leather, 1.3mm thick
- Seams sewed with kevlar
- Palm and thumb reinforcement

Code	Description	UOM	Price
G37061	Reinforced Gauntlet Gloves	PAIR	£11.85

Gloves - Heavy Duty 'Rigger'



Gloves - Heavy Duty - 'Rigger'

Traditional Rigger gloves are popular with jewellers/ tradesmen in a demanding workshop environment, from a heavy polishing load to general work, these gloves offer great protection.

- A favourite with silversmiths/metal workers
- Soft high quality suede leather/cotton construction
- · With reinforced cotton material wrist guards
- Size 10, will fit medium to large hands

Code	Description	ИОМ	Price
G8817	Gloves 'Rigger' Heavy Duty	PAIR	£1.75
	Price breaks available, see we	bsite	

Goggles (Casting & Welding)

Code

G31550

G31551

G31552

G31553



Extra Large Latex Gloves

Glasses (Safety)

Glasses - Safety

• Anti-Scratch

Lateral protection

· Single lens polycarbonate glasses

• Integrated polycarbonate nose piece

• Easy to use with safety helmet and ear defenders

· Available with clear, dark, anti-flash, yellow lens

• Compliant with EN 166 safety standard for eye

Dark Brava Safety Glasses

Yellow Brava Safety Glasses

Clear Brava Safety Glasses

Anti Flash Brava Safety Glasses

Price breaks available, see website

• Soft, flat spatula tip arms

Price breaks available, see website

Goggles - Casting & Welding

These goggles are used particularly for soldering and melting platinum providing safe eye protection.

- #5 shade filter lens
- Soft, vinyl body with four ventilated slots.
- Lenses are impact resistant but not unbreakable.
- Comprising green filter lenses which can be flipped up when not in use for increased observation.
- Modifiable elastic back head band to fit all head sizes.
- Size and weight:
- 200m x 75mm x 80mm
- Weight 130grms

Code	Description	ИОМ	Price
G32984	Welding Goggles	EACH	£4.50



Goggles (Safety)

PACK*100 **£8.75**

FACH

EACH

EACH

FACH

£3.40

£3.40

£4.95

£3.25



Goggles - Safety

- Consists of a PVC frame and a polycarbonate screen
- One piece large screen so no blocking or restriction of vision
- With direct ventilation preventing steaming up of the screen
- Protects against projections of solid particles linked to sanding, wire brushes, circular's saws etc, that can be thrown off working projects at high speeds
- Not suitable for protection from liquids or splashes of fused metals

Code	Description	иом	Price
G6257	Goggles (Safety)	EACH	£1.50
	Price breaks available, see	website	

Gloves - Latex Disposables



Gloves - Latex - Disposables

Polyco Finex PF Latex Disposable Gloves

- Ideal for wearing for inspecting, repairing and cleaning day to day workshop jobs
- · Gloves are completely latex
- Powder free and a soft film formulation makes the examination gloves even more comfortable to wear
- Each dispenser box contains 100 examination gloves

Glove sizing chart:

Directions: Wrap a tape measure or length of string around your hand at its widest point, without including the thumb. Note the size and round to the nearest inch. Using the sizing guide below, find your approximate glove size. Please note this is a guide only. No two hands are exactly alike and some people prefer their gloves to fit more loosely or tightly.

Size Guide:

- 6.5" Size/small
- 7.5" Size/medium
- 8.5" Size/large
- 9.5"- Size/Extra Large

Glove care:

Store in dry conditions away from direct sunlight and heat.

Contains natural rubber latex, which may cause allergic reactions.

Code	Description	иом	Price
G34154	Small Latex Gloves	PACK*100	£8.50
G34155	Medium Latex Gloves	PACK*100	£8.50
G34156	Large Latex Gloves	PACK*100	£8.50

ROLLING MILLS

ROLLING MILLS



Durston Rolling Mills are known throughout the world as being of the highest quality and having strong, robust design and appearance. They are used by craftsmen in a wide variety of uses including gold and silversmithing, jewellery manufacturing, dental laboratories, colleges, research institutions, wire shaping and flattening, material marking and patterning and wherever there is a need to roll down metal.

Modern manufacturing methods together with the use of highest quality materials and specific analysis for the alloy roll steel provides for highly accurate machines with long life and minmal maintenance.

All machines have extension rolls as standard

which are easily interchangeable with other patterns or D shapes which may be required.

Bearings are self lubricating and completely maintenance free. Calibrated discs are fitted to each machine for exact roll measurement. All machines have hard wearing helical driven gears for smooth operation and long life. The rolls are of the highest qulaity Swedish roll steel specially heat treated to Rockwell C scale 63 / 64 for maximum hardness.

Machines for special products and customers own specific requirements are also made to order.

Full service and operating instructions are supplied with each Rolling Mill.

75mm Rolls, Indian



Indian Rolling Mill - 75mm Rolls

Our 7 in 1 Mini Rolling Mill (7 roll model, not 5). Receive extra with this model & at a unbeatable price & remarkable value and an outstanding build. See the pdf link above for full assembly instructions.

- "V" grooves (x30)
- Half Round grooves (x17)
- Roll your wire/sheets in various formations: flat, half round and "V" shape
- Two twin pattern rollers included with fine diagonal crossing, checker, straight line, pattern, and barking effect
- Top/bottom easy roller changing process, no gear extractors involved all you need is a spanner Cousins ref S33520

Technical specifications:

- Sheet capacity thickness: 4.50mm
- Width of sheet: 75mm
- Direct gear drive
- Size not including handle: 170 x 200 x 200mm
- Net weight including rolls: 22kg

Included roll types and sizes:

- 2 x Sheet, 75mm
- 1 x "V" groove, 5 to 8mm
- 1 x half round, 1 to 4mm
- 1 x Twin pattern, diagonal crossing & chequer effect, each 37.5mm wide
- 1 x Twin pattern, straight line & barking effect, each 37.5mm wide
- 1 x combination "V", 8 to 5mm & half round 1 x 2mm and 1 x 2mm
- Gear ratio: Direct drive

How to change your rolls

lop Roll

- On the top of the mill undo the handle and unscrew the two gears left and right at top of mill and remove.
- Remove top roll by pulling upwards.
- Using your spanner undo the bolt on the large side gear and remove this large gear.

Bottom Roll:

- In order to change the bottom roll you must remove the small side gears using a spanner.
- You need to remove the meal shim as pictured. To do this simply tap out with a blunt instrument as this will be then used for your next roll selection.
- Remove the two square bearing housings and put them on your new roll and replace the meal shim.
- Now you can reconstruct your rolling mill by just repeating the above steps in reverse.

Code	Description	иом	Price
R34923	Mini Rolling Mill with 7 Rolls - Indian	EACH	£155.00

80mm Rolls (Square Grooves x4 & Half Rounds x 4)



Durston Rolling Mill - 80mm Rolls - Square Grooves x4 - Half Rounds x 4

The most economical mill combining low price with a great degree of versatility for producing strip and wire at lowest possible cost.

The very fine calibrated adjustment on the roll gap allows greatest possible control over reductions made in each pass together with ease of turning. The smallest and lightest mill with a big output - widely used as the first and only machine or often as a back-up to larger

Special helical drive gears incorporated for maximum efficiency.

High tensile aluminium bearing housing giving great strength yet very light in weight with maintenance free bearings and high strength steel frame shafts.

Technical Summary:

- Roll Size: 80 x 45mm
- Width of Sheet: 60mm
- Sheet capacity (thickness): 5mm
- Number of square grooves: 4 (1 to 6.5mm)
- Extension roller included: 4 half round grooves (4, 3, 2 & 1.5mm)
- Rolls are induction hardened to a Rockwell hardness rating of 64
- Gear ratio: Direct drive
- Additional extension rollers available: R47388 & R47390
- Dimensions: 250 x 110 x 250mm (without handle)
- Weight: 15kg
- Durston Mini C80
- Durston 1001
- Made in UK

Code	Description	иом	Price
R8697	Durston Mini C80 Mill	EACH	£425.00

Planishing Hammer Presses See Page 883

80mm Rolls (Square Grooves x9)



Durston Rolling Mill - 80mm Rolls - Square Grooves x9

The most economical mill combining low price with a great degree of versatility for producing strip and wire at lowest possible cost.

The very fine calibrated adjustment on the roll gap allows greatest possible control over reductions made in each pass together with ease of turning. The smallest and lightest mill with a big output - widely used as the first and only machine or often as a back-up to larger mills.

Special helical drive gears incorporated for maximum efficiency.

High tensile aluminium bearing housing giving great strength yet very light in weight with maintenance free bearings and high strength steel frame shafts.

Technical Summary:

- Roll Size: 80 x 45mm
- Width of Sheet: 40mm
- Sheet capacity (thickness): 5mm
- Number of square grooves: 9 (1 to 6.5mm)
- Extension roller included: 4 half round grooves (6.5 to 1mm)
- Rolls are induction hardened to a Rockwell hardness rating of 64
- Gear ratio: Direct drive
- Additional extension rollers available: R47388 & R47390
- Dimensions: 250 x 170 x 265mm (without handle)
- Weight: 15kg
- Durston Mini C80 Eco
- Durston 1000
- Made in UK

Code	Description	иом	Price
R49166	Durston Mini C80 Eco	EACH	£350.00







100mm Rolls (Round Grooves x14)



Durston DRM100 - 100mm Rolls - Round Grooves x14

The first production round rolling mill of its kind, very popular for the manufacturing of wedding rings

The new DRM 100 is very popular due to its good size, versatility and high specification. It incorporates a totally new casting giving maximum strength and rigidity with the highest quality hardened and ground rolls.

Self lubricating maintenance free bearings and hardened helical drive gears with sprcial form for maximum drive.

Also included is the new, highly efficient gear box with a large reduction or 4 to 1. Very useful for the tougher reduction applications or for when you need that extra help in rolling. A calibrated dial on both sides of the machine with pointer, gives an easy to read roll gap measurement.

Technical summary

- Roll size: 100 x 50mm
- Width of sheet: 45mm
- Sheet capacity thickness: 5mm
- Number of round grooves: 10 (1 to 6mm)
- Extension roller included: 4 round grooves (4, 3, 2 & 1.5mm)
- Gear Ratio: 4-1 making turning so much easier
- Rolls are induction hardened to a Rockwell hardness rating of 64
- Additional extension rollers available: R47389 & R47391
- Dimensions without handle: 360 x 200 x 320mm
- Weight: 30kg
- Durston DRM100 Round
- Durston 1042
- Made in UK

Code	Description	иом	Price
R33534	Durston DRM100 Round Rolling Mill	EACH	£725.00

100mm Rolls (Square Grooves x9 & Half Rounds x4)



Durston Rolling Mill - 100mm Rolls - Square Grooves (x9) - Half Rounds (x4) - Gear ratio: Direct drive

The most economical mill combining low price with a great degree of versatility for producing strip and wire at lowest possible cost.

The very fine calibrated adjustment on the roll gap allows greatest possible control over reductions made in each pass together with ease of turning. The smallest and lightest mill with a big output - widely used as the first and only machine or often as a back-up to larger mills.

Special helical drive gears incorporated for maximum efficiency. High tensile aluminium bearing housing giving great strength yet very light in weight with maintenance free bearings and high strength steel frame shafts.

Technical Summary:

- Roll Size: 100 x 45mm
- · Width of Sheet: 70mm
- Sheet capacity (thickness): 5mm
- Number of square grooves: 9 (1 to 6.5mm)
- Extension roller included: 4 half round grooves (4, 3, 2 & 1.5mm)
- Rolls are induction hardened to a Rockwell hardness rating of 64
- Gear ratio: Direct drive
- Additional extension rollers available: R47388 & R47390
- Dimensions: 270 x 110 x 230mm (without handle)
- Weight: 16kg
- Durston Mini Mill C100/9
- Durston 1003
- Made in UK

Code	Description	иом	Price
R9769	Durston Mini C100/9 Mill	EACH	£450.00

100mm Rolls (Square Grooves x9 & Half Rounds x4) 4:1 Gear Ratio



Durston Rolling Mill - 100mm Rolls - Square Grooves (x9) - Half Rounds (x4) - Gear Ratio 4:1

The very fine calibrated adjustment on the roll gap allows greatest possible control over reductions made in each pass together with ease of turning. The smallest and lightest mill with a big output - widely used as the first and only machine or often as a back-up to larger mills.

Special helical drive gears incorporated for maximum efficiency. High tensile aluminium bearing housing giving great strength yet very light in weight with maintenance free bearings and high strength steel frame shafts.

Technical Summary:

- Roll Size: 100 x 50mm
- Width of Sheet: 70mm
- Sheet capacity (thickness): 5.5mm
- Number of square grooves: 9 (1 to 7mm)
 Extension roller included: 4 half round grooves (4, 3,
- Extension roller included: 4 half round grooves (4, 3, 2 & 1.5mm)
- Rolls are induction hardened to a Rockwell hardness rating of 64
- Gear Ratio: 4-1 making turning so much easier
- Additional extension rollers available: R47389 & R47391
- Dimensions: 360 x 290 x 440mm (without handle)
- Weight: 29kg
- Durston DRM C100 RE
- Durston 1011
- Made in UK

Code	Description	иом	Price
R43341	Durston C100 RE Combination Rolling Mill	EACH	£625.00

120mm Rolls (Round Grooves x14) Indian



Indian Rolling Mill - 120mm Rolls - Round Grooves (x14)

- Roll size: 120 x 65mm
- Sheet capacity thickness: 8mm
- Width of sheet: 60mm
- Roll wire sizes: 1mm to 6.5mm (3 to 19SWG)
- · Number of wire grooves: 14
- Extension rollers 5 grooves: 2, 2.5, 3, 4 & 4.5mm
- · Gear ratio: Direct drive
- Weight: 55Kg
- · Made in India

Code	Description	иом	Price
R40520	Rolling Mill 120mm Rolls, Indian	EACH	£315.00
R48664	2, 2.5, 3, 4 & 4.5mm Groove Extension Rollers	PAIR	£24.95

130mm Rolls, Agile F130



Durston Rolling Mill - 130mm Rolls

The all new Durston Agile 130 rolling mill is a special addition to the range of Durston Rolling Mills. It's lighter, by having thinner frames, but where the mill really needs its strength it's fully designed to support the load without any compromise on quality. A traditional T-bar replaces the hand-wheel and you have a full 130mm of rolling space

The rolls are specially induction hardened to sixty-four RC. The main barrel to a depth of 6mm ensuring your rolls last a life time. The Agile 130's bearing blocks are fully supported, which is important to give the best possible rolled finish. The bearings are self-lubricating and completely maintenance-free. The heavy duty five-to-one gearbox is unrivalled in the industry and makes turning so much easier. Behind the cover, you'll find two specially formed gears to make rolling even smoother. Safety features include a protective guard around the top gears.

Technical Summary:

- Roll Size: 130 x 60mm
- Sheet Capacity (thickness): 6mm
- Width of Sheet: 130mm
- 5:1 Gear Ratio making turning so much easier

- · Rolls are induction hardened to a Rockwell hardness rating of 64
- Dimensions in mm: 410 x 220 x 365 (without handle)
- Net Weight: 40kg
- Durston DRM Agile F130
- Durston 1030
- Made in UK

Code	Description	иом	Price
R47313	Durston Agile F130 Rolling Mill	EACH	£575.00

130mm Rolls (Round Grooves x14)



Durston Rolling Mill - 130mm Rolls - Round Grooves

The new DRM 130 is very popular due to its good size, versatility and high specification. It incorporates a totally new casting giving maximum strength and rigidity with the highest quality hardened and ground

Self lubricating maintenance free bearings and hardened helical drive gears with special form for maximum drive.

Also included is the new, highly efficient gear box with a large reduction either 5 to 1 or 6 to 1.

Very useful for the tougher reduction applications or for when you need that extra help in rolling.

A calibrated dial on both sides of the machine with pointer, gives an easy to read roll gap measurement. The first production round rolling mill of its kind, very popular for the manufacturing of wedding rings.

Technical summary

- Roll Size: 130 x 60mm
- Width of Sheet: 75mm
- Sheet capacity (thickness): 6mm
- Number of round grooves: 10 (1 to 6mm)
- Extension rollers included: 4 round grooves (4, 3, 2 & 1.5mm)
- · Rolls are induction hardened to a Rockwell hardness rating of 64
- Gear Ratio: 5-1 making turning so much easier
- Additional extension rollers available: R19136 &
- Dimensions without handle: 410 x 220 x 365mm
- Weight: 48kgDurston DRM130 Round
- Durston 1044
- Made in UK

P33536 Durston Rolling Mill - R130 RE FACH #850 00	Code	Description	UOM	Price
Round	R33536	Durston Rolling Mill - R130 RE Round	EACH	£850.00





130mm Rolls (Square Grooves x9 & Half Rounds x7)



Durston Rolling Mill - 130mm Rolls - Square Grooves x9 - Half Round Grooves x11

The new DRM 130 is very popular due to its good size, versatility and high specification. It incorporates a totally new casting giving maximum strength and rigidity with the highest quality hardened and ground rolls.

Self lubricating maintenance free bearings and hardened helical drive gears with sprcial form for maximum drive. Also included is the new, highly efficient gear box with a large 5 to 1 reduction. Very useful for the tougher reduction applications or for when you need that extra help in rolling.

A calibrated dial on both sides of the machine with pointer, gives an easy to read roll gap measurement.

Technical Summary:

- Roll Size: 130 x 60mm
- Width of Sheet: 50mm
- Sheet Capacity (thickness): 6mm
- Number of square grooves: 9 (1 to 7mm)
- Number of half round grooves: 7 (1 to 7mm)
- Extension roller included: 4 half round grooves (4, 3,
- · Gear Ratio: 5-1 making turning so much easier
- · Rolls are induction hardened to a Rockwell hardness rating of 64
- Dimensions: 375 x 220 x 370mm (without handle)
- Weight: 40kg
- Durston DRM R130
- Durston 1028
- Made in UK

Code	Description	иом	Price
R8700	Durston R130 Roma Rolling Mill	EACH	£795.00

130mm Rolls (Square Grooves x11 & Half Rounds x4)



Durston Rolling Mill - 130mm Rolls - Square Grooves

The new DRM 130 is very popular due to its good size, versatility and high specification. It incorporates a totally new casting giving maximum strength and rigidity with the highest quality hardened and ground rolls. Self lubricating maintenance free bearings and hardened helical drive gears with special form for maximum drive

Also included is the new, highly efficient gear box with a large reduction either 5 to 1 or 6 to 1. Very useful for the tougher reduction applications or for when you need that extra help in rolling.

A calibrated dial on both sides of the machine with pointer, gives an easy to read roll gap measurement.

Technical Summary:

- Roll Size: 130 x 60mm
- Width of Sheet: 70mm
- Sheet Capacity (thickness): 6mm
- Number of square grooves: 11 (1 to 8mm)
- Extension roller included: 4 half round grooves (4, 3, 2 & 1.5mm)
- · Gear Ratio: 5-1 making turning so much easier
- Rolls are induction hardened to a Rockwell hardness rating of 64
- Dimensions in mm: 375 x 220 x 370 (without handle)
- · Net Weight: 40kg
- Durston C130RE
- Durston 1021

Code	Description	иом	Price
R8699	Durston C130 Combination Rolling Mill	EACH	£750.00

130mm Rolls (Square Grooves x11 & Half Rounds x5) Agile C130



Durston Rolling Mill - 130mm Rolls - Square Grooves x11 - Half Rounds x5

The all new Durston Agile 130 rolling mill is a special addition to the range of Durston Rolling Mills. It's lighter, by having thinner frames, but where the mill really needs its strength it's fully designed to support the load without any compromise on quality. A traditional T-bar replaces the hand-wheel and you'll find 5 half-rounds as part of the main roller. There are 11 square grooves and still a huge 60mm of flat area.

The rolls are specially induction hardened to sixty-four RC. The main barrel to a depth of 6mm ensuring your rolls last a life time. The Agile 130's bearing blocks are fully supported, which is important to give the best possible rolled finish. The bearings are self-lubricating and completely maintenance-free, while the beautifully formed square grooves have been specifically designed to produce the best possible rolled finish. The heavy duty five-to-one gearbox is unrivalled in the industry and makes turning so much easier. Behind the cover, you'll find two specially formed gears to make rolling even smoother. Safety features include a protective guard around the top gears.

Technical Summary:

- Roll Size: 130 x 60mm
- Sheet Capacity (thickness): 6mm
- Width of Sheet: 60mm
- Square grooves x 11 (1 to 8mm)
- Half round grooves x 5 (2, 3, 4 & 5mm)
- 5:1 Gear Ratio making turning so much easier
- · Rolls are induction hardened to a Rockwell hardness rating of 64
- Dimensions in mm: 410 x 220 x 365 (without handle)
- · Net Weight: 40kg
- Durston DRM Agile C130
- Durston 1029
- Made in UK

Code	Description	UOM	Price
R47312	Durston Agile C130 Rolling Mill	EACH	£595.00

130mm Rolls (Square Grooves x19)





Durston D2 Rolling Mill - 130mm Rolls - Square

The D2 stacked mill is the first choice for busy workshops and colleges requiring maximum sheet rolling width and a full range of wire reducing grooves (with groove indicator) from as much as 15mm initial material size down to 1mm square.

The machine has two sets of rolls, one for sheet (extended for D shapes) and the grooved for square wire. These are set in high quality maintenance free and guaranteed for life.

As with the whole of the Durston range of mills, the rolls are of the highest quality alloy steel hardened to 63 / 64 Rockwell C and ground to perfection. Excellent gearing ratio offering reduction of 7 - 1 for sheet and 3.5 - 1 for wire, allowing smooth manual operation.

Extremely versatile and very rugged in construction, this machine is very simple to use with full control over roll passes for both sheet and wire. Calibrated disc in central easy to read position.

- Technical Summary:
 Roll Size (upper & lower): 130 x 60mm
- Width of Sheet: 130mm
- Sheet Capacity (thickness): 6mm
- Number of square grooves: 19 (1 to 10mm)
- Gear ratio sheet: 7-1 making turning so much easier
- Gear ratio Sqaure grooves: 3.5 to 1 making turning so much easier
- Extension roller included: 4 half round grooves (4, 3, 2 & 1.5mm)
- Dimensions: 420 x 220 x 565mm
- Weight: 70kg
- Durston Double D2/130
- Durston 1051
- · Made in UK

Code	Description	иом	Price
R8701	Durston Rolling Mill D2/130	EACH	£1,295.00

150mm Rolls (Square Grooves x9 & Half Rounds x11)



Durston Rolling Mill - 150mm Rolls - Square Grooves x9 - Half Round Grooves x11

The new DRM 150 was developed in response to

customers requests for a machine that would have larger than usual roll width, for sheet, wire and half

As with the DRM 130 the DRM 150 is very popular due to its good size, versatility and high specification. It incorporates a totally new casting giving maximum strength and rigidity with the highest quality hardened and

Also included is the new, highly efficient gear box with a large reduction or 6 to 1. Very useful for the tougher reduction applications or for when you need that extra help in rolling. A calibrated dial on both sides of the machine with pointer, gives an easy to read roll gap

Technical Summary:

- Roll Size: 150 x 60mm
- Width of Sheet: 70mm
- Sheet Capacity (thickness): 6mm
- Number of square grooves: 9 (1 to 7mm)
- Number of half round grooves: 7 (1 to 7mm)
- Extension roller included: 4 half round grooves (4, 3, 2 & 1.5mm)
- Gear Ratio: 5-1 making turning so much easier
- Rolls are induction hardened to a Rockwell hardness rating of 64
- Dimensions: 400 x 220 x 370mm
- Net Weight: 42kg
- Durston DRM R150RE
- Durston 1033
- Made in UK

Code	Description	иом	Price
R8742	Durston Rolling Mill R150 Roma	EACH	£840.00

Power Rolling Mill (100mm Rolls, Square Grooves x 9 & Half Rounds x 4)



Durston Power Rolling Mill - 100mm Rolls - Square Grooves x 9 - Half Rounds x 4

Durstons power mills are the most sort after power mills in the world. In the DRM range all models have cast iron bases, cast iron central cover and of course the one piece cast iron frame which securely holds the high quality steel rolls, which run in heavy duty roller bearings. The power mills are heavy because they are built to last forever. They are robust and durable.

Features:

- Variable speed (5 30 r. p.m.)
- Powerful 0.75kw motor
- · Forward and reverse buttons
- · Quiet operation. Mill is almost silent
- Two further buttons to easily speed up and slow down
- Emergency stop button
- Extension rollers behind the black covers
- · Safety bars at front and rear
- · Inverter safely stowed inside cast-iron guarding
- Extension rollers behind the black covers for safety
- Top cover, covering gears ensuring no one traps their fingers
- CE marked

Technical summary

- Roll Size: 100 x 50mm
- · Width of Sheet: 70mm
- Sheet capacity (thickness): 5.5mm
- Number of square grooves: 9 (1 to 6mm)

- Extension rollers included: 4 half round grooves (4, 3, 2 & 1.5mm)
- Rolls are induction hardened to a Rockwell hardness rating of 64
- Dimensions: 460 x 340 x 500mm
- Weight: 105kg
- Durston DRM C100 SSP
- Durston 1071
- Made in UK

Code	Description	UOM	Price
R48542	Durston C100 Power Mill	EACH	£1,575.00

Power Rolling Mill (130mm Rolls, Square Grooves x 11 & Half Rounds x 4)



Durston Power Rolling Mill - 130mm Rolls - Square Grooves x 11 - Half Rounds x 4

Durstons power mills are the most sort after power mills in the world. In the DRM range all models have cast iron bases, cast iron central cover and of course the one piece cast iron frame which securely holds the high quality steel rolls, which run in heavy duty roller bearings. The power mills are heavy because they are built to last forever. They are robust and durable.

- Variable speed (5 30 r. p.m.)
- Powerful 1 1kw motor
- Powerful enough for continuous operation
- Forward and reverse buttons
- · Quiet operation. Mill is almost silent
- Two further buttons to easily speed up and slow down
- Emergency stop button
- Extension rollers behind the black covers
- · Safety bars at front and rear
- Inverter safely stowed inside cast-iron guarding
- · Extension rollers behind the black covers for safety
- Top cover, covering gears ensuring no one traps their fingers
- · CE marked

Technical summary

- Roll Size: 130 x 65mm
- Width of Sheet: 100mm
- Sheet capacity (thickness): 6mm
- Number of square grooves: 11 (1 to 8mm)
- Extension rollers included: 4 half round grooves (4, 3, 2 & 15mm)
- Rolls are induction hardened to a Rockwell hardness rating of 64
- Dimensions: 500 x 390 x 540mm
- Weight: 109kg
- Durston DRM C130 SSP
- Durston 1075
- · Made in UK

Code	Description	иом	Price
R48543	Durston C130 Power Mill	EACH	£1,895.00





Power Rolling Mill (Double 130mm Rolls, Square Grooves x 19 & Half Rounds x7)



Durston Power Rolling Mill - 130mm Rolls - Square Grooves x 19 - Half Rounds x 7

Durston's new power mill DRM130. This bench power mill has a cast iron base, cast iron gearbox with powerful motor and of course the standard one piece cast iron mill frame incorporating the high quality steel rolls which run in heavy duty roller bearings.

It includes the new safety features of the emergency stop button, safety bars at front and rear and guards covering the extension rollers at the end of the mills. Easy to use control featuring forward and reverse. Also, a further 2 buttons to easily increase or decrease roll speed.

Features:

- High capacity rolling mill with large flat area.
- The most powerful, robust and high specification rolling mill available
- Powerful 1.1Kw motor, suitable for continuous operation
- Variable speed as standard (5 30 r. p.m.), forward and reverse.
- Incorporating 2 emergency stop buttons
- · Cast iron gearbox & base
- Two sets of extension rolls
- · Rollers are hardened to a rockwell hardness rating
- · Large easy to read calibrated disc giving exact roll measurement
- Including easy to operate hand wheel.
- Very compact
- Near silent operation

As you would expect from Durston, the rolls are high quality Swedish roll steel specially heated to RC 63 / 64 for maximum hardness. These run in high load roller bearings guaranteeing a perfect rolled product.

Specification:

- Roll size 130mm x 65mm
- Flat capacity (sheet) 6mm
- · Width of flat 130mm
- Wire capacity 10mm 1mm
- Number of grooves 19
- · Extension rollers with:
- Left with 3 Half Round "D" grooves 8, 6 and 3.5mm Right with 4 Half Round "D" grooves , 4, 3, 2, and
- 1.5mm
- Power 1.1kw
- Overall size 830mm x 390mm x 540mm
- · Weight 180kg
- Durston DRM130 DSP
- Durston 1078
- Made in UK

Durston Stand for Power Mill: Cousins ref R35095

Code	Description	иом	Price
R35094	Durston DRM 130 Power Mill	EACH	£2,595.00



Pattern Forming Rolling Mill



Pattern Forming Rolling Mill

- · A microfold brake rolling mill
- Creates a corrugated shape for sheet metal and wire
- With thin sheet metals (36 gauge to 30 gauge) you can expect up to 8 microfolds per inch
- · Rollers are hardened and anodised
- Can be screwed to work bench (screws not supplied)
- Includes calibrated discs to precisely set the roller gap
- Full instructions included (also available via the "documents available to download" icon above)
- · It is not recommended to corrugate metals thicker than 0.51mm unless thin strips are being used
- · For thicker pieces of metal it is recommended to anneal and then corrugate a second time

Dimensions

- 200mm wide rollers
- Overall size; 280 x 140 x 30mm (width x height x depth)

Code	Description	UOM	Price
R46145	Pattern Forming Rolling Mill	EACH	£129.95

Pattern Forming Rolling Mills, Mini

Pattern Former Mini Mill

- Patterning mill for surface decoration of metals
- Various designs can be produced giving a textured or turned appearance as preferred
- By re-feeding at different angles varying combinations may be built up if desired
- · Can be vice held or fixed to bench

Pattern Forming Mini Mill, Table Base

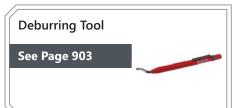
- Will produce pattern line sizes of 0.50, 0.60, 0.80 & 1.00mm per step on your metal
- Width of roll: 22mm
- Table base: 45 x 75mm
- · Can be screwed to table (screws not supplied)

Size: 220 x 40 x 45mm Weight: 900 grams



		1775	
Code	Description	UOM	Price
M45700	Pattern Forming Mini Mill, Table Base	EACH	£29.95





Pattern Forming Mini Mill, Table Base, O.M.O Italy (Small)

- Will produce pattern line sizes of 0.4, 0.5, 0.6 and 0.7mm per step your metal
- Width of roll 25mm

Size: 60 x 80 x 240mm Weight: 1.5kg



Code	Description	иом	Price
R8340	Pattern Forming Mini Mill, Table Base, O.M.O Italy (Small)	EACH	£129.95

Pattern Forming Mini Mill, Table Base, O.M.O Italy (Large)

- Will produce pattern line sizes of 0.40, 0.50, 0.60 and 0.70mm per step on your metal
- Width of roll 35mm

Size: 65 x 90 x 300mm Weight: 3.5kg



Code	Description	иом	Price
R8341	Pattern Forming Mini Mill, Table Base, O.M.O Italy (Large)	EACH	£79.95

Pattern Forming Mini Mill, Vice Held

- Will produce pattern line sizes of 0.50, 0.60, 0.80 & 1.00mm per step on your metal
- Width of roll: 22mm
- · Held in a vice

Size: 220 x 40 x 45mm Weight: 900 grams



Code	Description	иом	Price
R35122	Pattern Forming Mini Mill, Vice Held	EACH	£22.95

ROLLING MILL ACCESSORIES

Mini Mills Half Round Extension





Durston - for Durston Mini Mills • Half round (D shaped)

- Ø3, 6 & 8mm or Ø7 & 10mm groove diameters
- Internal Diameter: 22mm
- External Diameter: 44.45mm
- Width: 25.5mm
- Weight: 0.375KG

For rolling mills:

- R8697 (Mini C80)
- R9769 (Mini C100 9)
- All other Durston "mini mills"

Code	Description	иом	Price
R47388	Ø3, 6 & 8mm Half Round Extension Roller	EACH	£119.95
R47390	Ø7 & 10mm Half Round Extension Roller	EACH	£119.95

DRM100 Mills Half Round Extension





Durston - for Durston DRM100 Mills

- Half round (D shaped)
- Ø3, 6 & 8mm or Ø7 & 10mm groove diameters
- Internal Diameter: 25mm
- External Diameter: 50mm
- Width: 25.5mm
- Weight: 0.375KG

For rolling mills:

- R33534 (DRM100 Round)
- R43341 (DRM C100 RE)
- All other Durston "DRM100" Mills

Code	Description	иом	Price
R47389	Ø3, 6 & 8mm Half Round Extension Roller	EACH	£121.50
R47391	Ø7 & 10mm Half Round Extension Roller	EACH	£121.50

DRM130 & DRM150 Mills Half Round Extension





Durston - for Durston DRM130 & DRM150 Rolling Mills

- Half round (D shaped)
- Ø3, 6 & 8mm or Ø7 & 10mm groove diameters
- Internal Diameter: 31.5mm
- External Diameter: 60mm
- Width: 25.5mm
- Key Way: 8.3mm x 4mm (Rectangle shape)
- Weight: 0.375KG

For rolling mills:

- R47313 (Agile F130)
- R33536 (DRM130 Round)
- R8700 (DRM130 RE)
- R8699 (DRM130 CE)
- R47312 (Agile C130)
- R8742 (DRM R150 RE)

• All other Durston "DRM 130 & DRM150" Mills

Code	Description	иом	Price
R19136	Ø3, 6 & 8mm Half Round Extension Roller	EACH	£119.95
R47392	Ø7 & 10mm Half Round Extension Roller	EACH	£109.95

D2/130 & D4/158 Mills Half Round Extension





Durston - for Durston D2/130 & D4/158 Mills

- Half round (D shaped)
- Ø3, 6 & 8mm or Ø7 & 10mm groove diameters
- Internal Diameter: 28.5mm
- External Diameter: 60mm
- Width: 25.5mm

For rolling mills:

- R8701 (D2/130)
- Durston D4/158 Mill

Code	Description	иом	Price
R40901	Ø3, 6 & 8mm Half Round Extension Roller	EACH	£109.00
R47393	Ø7 & 10mm Half Round Extension Roller	EACH	£121.50

Stand for Rolling Mills

- Durston OC1061
- Made in UK

Stand dimensions:

- Base size 310mm x 310mm
- Height 920mm
- For Durston Rolling Mills Including Mini Mills
- Pre-drilled holes to suit Durstom Mills

Durstor	n Mills		-
Code	Description	UOM	Price
R9630	Durston Stand For All Mills	EACH	£181.95

Stand with Cabinet for Rolling Mills

DURSTON Polling Mills

Durston

- With lock
- Will support all hand rolling mills and is drilled and tapped with appropriate holes
- The stand has excellent storage space with two shelves and locking door
- Sturdy construction, made of 0.25" plate steel
- Finished in metallic silver

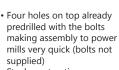
Dimensions & Weight:

- Width 300mm
- Depth 350mmHeight 840mm
- Weight 16kg

Code	Description	иом	Price
R8703	Durston Rolling Mill Cabinet Stand	EACH	£176.95

Power Mill Stand

Durston - Excellent stand for our power Rolling Mill model, being robust and well made.





- With storage shelf
- Enamelled finish
- Durston 1062
- Made in UK

Size: 910mm x 960mm x 370mm Weight: 20kg

Code	Description	UOM	Price
R35095	Power Rolling Mill Stand	EACH	£249.00

Screw for Handles

- Grub screw used to attach the handle to the mill
- For all Durston rolling mills with handles
- Size Ø10 x 10mm (diameter x length)
- Durston
- Made in UK



Code	Description	иом	Price
R48798	Screw for Durston Rolling Mill Handles	EACH	£2.20

SAND BLASTING

Eitan Sand Blaster



Sand Blaster - 2 Handed Model - Eitan

This 2-hand version provides for greater articulation of job in jet stream and employs the ceramic technique for best results on precious metals.

- Chromium cobalt compatible
- Advanced filtration to control dust/humidity
- Accepts sand grits of 25 to 300 (not included)
- Illuminated chamber with toughened viewing screen
- Includes job holders and internal nozzles
 Foot control switch for convenient switching
- Foot control switch for convenient switching while both hands gloved

Dimensions:

• 34 x 45 x 44cm (width x height x depth)

Code	Description	иом	Price
S8848	Sand Blaster, 2 Handed Model, Eitan	EACH	£1,395.00

Romanoff Sand Blaster



Sand Blaster - Romanoff U.S.A.

For efficient removal of hardened casting debris, smoothing, satinizing surfaces, texturing and cleaning up a multitude of projects.

- Inner illumination
- Continuous abrasive recirculation
- · Adjustable air pressure to suit job
- · Self clean nozzle with spare supplied
- · Perforated shell work holder included
- Integral heavy duty rubber glove
- · Large scratch resist viewing shield
- Built-in double filter system
- Fixed Nozzle

The pack incorporates free 5lbs of Quartz abrasive particles and the machine carries 5-year makers warranty (requires a compressor – see our ref. C1837).

Dimensions:

• 50 x 34 x 31cm (HxWxD)

Code	Description	UOM	Price
S6116	Sand Blaster, Romanoff U.S.A	EACH	£450.00
S46076	Ceramic Nozzle	EACH	£9.95

SCALES

BALANCE SCALES

Diamond Balance Scales

- Diamond balance scales
- Range 1/100 to 50 carats
- 100 carat capacity
- Total weight of weights combined is 105 carats
- Beautiful polished wooden box
- Supplied with faux leather case
- Portable
- · Impress your customers with this traditional balance

Weights included:



• 1 x 1 cent, 2 x 2 cents, 1 x 5 cent, 2 x 10 cent, 1 x 25 cent, 1 x 50 cent, 2 x 1 carat, 2 x 2 carat, 1 x 5 carat, 2 x 10 carat, 1 x 25 carat & 1 x 50 carat

Code	Description	иом	Price
S47049	Diamond Balance Scales	EACH	£49.95

CALIBRATION WEIGHTS

Individual Calibration Weights

Scales that have calibration functionality

The Scales that this applies to are checked before the manufacturer ships them. however it should be checked before use and recalibrated if necessary. Calibration could be affected by certain factors such as the following;

- Variations in the earth's gravitational field at different latitudes of the world.
- · Rough Handling.
- · Changes in work location.

For resetting/checking scales

Description	UOM	Price
50gm Calibration Weight	EACH	£1.95
100gm Calibration Weight	EACH	£2.50
200gm Calibration Weight	EACH	£4.00
500gm Calibration Weight	EACH	£7.95
1000gm Calibration Weight	EACH	£10.95
2000gm Calibration Weight	EACH	£19.95
	50gm Calibration Weight 100gm Calibration Weight 200gm Calibration Weight 500gm Calibration Weight 1000gm Calibration Weight	50gm Calibration Weight EACH 100gm Calibration Weight EACH 200gm Calibration Weight EACH 500gm Calibration Weight EACH 1000gm Calibration Weight EACH

Calibration Weight Set



We all know accuracy is important when weighing items using scales. This is an excellent Brass weights with wooden storage box set suitable for many types of scales, which at times, need calibrating.

Weights include:

- 1g
- 2g x 2
- 5g
- 10g
- 20g x 2
- 50g
- 100g

Size of wooden storage box: 150mm x 80mm x 55mm Overall weight: 800gram

Code	Description	UOM	Price
W35041	Set of Calibration Weights in Wooden Storage Box	PACK*10	£59.50



DIAMOND WEIGHING

Ohaus Carat Scale



Ohaus SPJ303 Balance

Best Value Desktop Carat Scale in the industry

WHY OHAUS?

For more than 100 years, OHAUS has been the brand of choice for customers who are looking for quality made, full-featured scales and balances at an economical price. Ever since the OHAUS Harvard Trip Balance set the standard by which the weighing industry would be measured, both our products and the OHAUS name have been recognized as among the most reliable in the business.

Features:

- Capacity 305ct readability 0.005ct
- Platform 90mm
- 50g test weight included and Aluminium stone scoop
- Temperature 10°C 40°C
- Multiple Application Modes Weighing and Enhanced Parts Counting
- Maximum Protection Designed with mechanical and software protection against shock and overloading which can cause damage to the weighing cell. An integrated shipping lock protects the weighing cell during transportation or storage.
- RS232 or USB Connectivity
- · Operation Mains adaptor included or battery (battery not included requires 4 x AA Mn1500) with low battery indicator and programmable auto-off.
- · Construction ABS plastic with stainless steel pan
- Display LCD
- Communication Optional RS232 or USB interface with cable (not supplied)
- Design Features Removable stainless steel weighing platform, high contrast LCD display, lock switch, integral security bracket, integral shipping lock, integral weigh below hook, sealed front panel and moulded spill ring, stability indicator, overload and under load indicators, low battery indicator, auto shut-off, AC adapter, Carat model includes span calibration mass and gem scoop and draft shield.
- Units of measurements carat, grain , gram ,kg ,oz ,once troy, penny weight ,Hong Kong tael ,Singapore tael, Taiwan tael, tola, and tical

Size: 190mm x 180mm x 110mm Packed Weight: 1600 grams

Code	Description	иом	Price
S33564	Ohaus SPJ303 Carat Balance	EACH	£165.00



On Balance Carat Scale



On Balance Carat Scale

- Capacity 250ct/50g
- Readability 0.005ct/0.001g
- Five Weighing Modes : Carat, Grams, Ounces, Grains (gn) & Pennyweight (dwt)
- Backlit LCD Display
- · Levelling Bubble
- Adjustable Feet
- Overload Protection
- Auto Shut Off
- Tare/Cal Facility
- Tweezers, 20g & 50g Weight Included
- 2 AA Batteries Included

Size: 135 x 75 x 45mm

Code	Description	UOM	Price
S37866	CT 250 Carat Scale	EACH	£34.50

Shindler Diamond Scale





The creator of the Shindler Loupe, Bernard Shindler developed an inventive solution to a problem in the jeweller's trade that had never been satisfactorily solved. Shindler created the unique and very popular "Shindler Scale" which embodies specially graduated scales in a magnifier and thus enables the likely weights to be read off quite straightforwardly, even while the stones are still mounted.

Bernard Shindler enjoyed a long career in the diamond trade, which he much loved and in which he had many years of experience in inspecting and valuing precious stones (mostly in preparation for mounting in jewellers items). Combined with many years experience in precision engineering, his insight changed the way jewellers work and estimate precious stones.

- Only one of its kind and extremely useful, the Shindler Loupe lets you estimate a stone's weight, even if it is still mounted.
- It is an especially valuable tool for jewellers needing to estimate a stone that is still mounted in a piece of jewellery i.e. bracelet or ring. Naturally, it is also ideal for estimating loose stones.
- Easy to use, it features a center scale that doubles as a 6.5mm gauge to evaluate a stone's weight and size up to 1ct. Simply place the stone face down on the inside of the replaceable 2.5cm clear tape protected screen.
- Magnification 10x linear (virtual image measured at standard 25 cm.)
- Dimensions (LxWxH) closed 3.6 x 2.2 x 1.2 cm open 3.6 x 2.2 x 3.3 cm
- Weight 30g.
- Base Opening: 14 mm square

Code	Description	иом	Price
G8566	Shindler Diamond Scale	EACH	£58.95

Tanita Carat Scale



Tanita 1210N Diamond Scale

- Dimensions: 16 x 11 x 2.8cm
- Capacity: 100ct/20g/0.64ozt/308gr
- Graduations: 0.01ct/0.002g/0.0001ozt/0.05gr
- Auto power off
- · Low battery indicator
- Batteries included, takes 8 x AAA batteries (code mn2400)
- Self calibrating comes with calibration weight
- · Gem cup is include

Code	Description	иом	Price
S1475	Tanita 1210N Diamond Scales	EACH	£179.95

GOVERNMENT APPROVED SCALES

Government Approved, Ohaus



Ohaus - EC & Government Approved - 210g x 0.001g

This scale is fully approved for you to sell and buy your precious metals on your counter to the public or trade. If you don't have a approved scale you can be fined. Fully approved by EC regulations (has green "M"). Sealed calibration weight so you don't have to send this scale to be certified annually with your local Council. Can weight gemstones from 0 to 1050ct (5 metric carats = 1 gram).

Specifications:

- Capacity: 210g
- Readability: 0.001g (milligram)
- Repeatibility (Std. Dev.): 0.1
- Linearity (mct): 0.2
- Application Modes: Weighing
- Weighing units: mg, kg, g, ct
- Platform Size (mm): Ø90mm
 Span Calibration: 50g or 60g
- Linearity (g): 20g + 50g
- Tare range: 1 Second
- Stabilization time (seconds): 3 Seconds
- Scale Weight (kg): 4.5 kg

- Dimensions WxHxD (cm): 19.6 x 28.7 x 32cm
- Thermal Printer: Yes
- Operating Temperature Range: -10° to 40° C at 10% to 80% relative humidity, non-condensing, up to 4000m above sea level
- Storage temperature: -40° to 70° C at 10% to 80% relative humidity, non-condensing
- Mains Operated

Code	Description	иом	Price
S30555	Ohaus Pioneer PA213CM 210g " Government Approved "	EACH	£650.00

PRECIOUS METAL SCALES

Precious Metal "Pocket" Scales

Tanita Japan introduced the world's first digital pocket miniscales in 1987 and has been the recognized leader in quality and value ever since. Tanita's pocket miniscales can be used in a variety of applications: precious metals/gems, laboratories, medical/clinical, dental, pharmaceutical, diet, mail, and for ammunition. Tanita's scales are 100% accurate every time. Tanita scales can't be beat – the best in the world for high quality, reliability and selection.

We have a large selection of On Balance, Pro-scales and True way which are from the far east. These are partially great value give precision accuracy and are available in a wide selection of weighing categories.

Click below and look at our large range of scales.

Choose from pocket to desk top to cater for your everyday weighing needs.

Please note every scale has a low battery indicator, see the instructions manual for the indication icon, when the battery is low this icon will flash.

Cousins Material House supplies all sizes of batteries for all scales.

It is important to use a good quality battery for the prolonged use. Also we advise to remove the old batteries when the scale is not in use, to prevent leaking in the scale. We sell batteries at completive prices and in trade quantity.

Some scales ask for calibration to ensure the scale is set in order for it to read accurately. Often moving scales even on short journeys can disrupt the scale's reading and hence will not read accurately.

We supply all calibration weights at



Inspection Magnifier Table Lamp

See Page 681





completive prices.

See equipment~scales~calibration weights.

100g x 0.01g Myco (Backlit)



100g x 0.01g - Myco (Backlit)

- 4 weighing modes: grams , oz, dwt and gn
- 100g calibration weight required code W20049
- Backlit Display
- Overload Protection
- Auto Shut Off
- Tare / Cal Facility
- 2 AAA Batteries (Inc.)
- Made in China

Weighing Platform size: 75mm x 65mm Overall size: 125mm x 75mm x 18mm Weight: 155grms

Code	Description	иом	Price
S34658	MZ-100 Pocket Scale (100g x 0.01g)	EACH	£6.40

100g x 0.1g Tanita 102



100g x 0.1g - Tanita 102

- Capacity: 100 gm (100gm x 0.1gm scale)
- Pocket size: 14 x 7 x 1.9cm
- Complete with hard protective cover and leather pouch
- Grams only
- Tare/nett standard function
- Auto off
- Batteries included, takes 2 x 2032 batteries (code mx2032)

Code	Description	UOM	Price
S8982	Tanita 102 (100g x 0.1g)	EACH	£25.50
	Price breaks available, see w	ebsite .	

120g x 0.1g Tanita 1479v

TANITA



120g x 0.1g - Tanita 1479v

- Capacity: 120 gm (0-120 g) in steps of 0.1 g
- Dimensions: 155x75x15mm (L x W x H) Pocket Size
- · Easy to read LCD display
- Tare / net is standard
- Batteries included, takes 2 x LR44 batteries (code LR44M)
- Low battery warning Auto shutoff Self Calibrating, no weight required

Code	Description	иом	Price
S1473	Tanita 1479 - V (120g x 0.1g)	EACH	£48.00

150g x 0.01g On Balance



150g x 0.01g - On Balance

- 4 weighing modes: Grams, Ounces, Pennyweight (dwt) & Grains (gn)
- Backlit Display
- 50g & 100g calibration weight required codes W20048 & W20049
- · Auto Shut Off
- Overload Protection
- Tare / Cal Facility
- 2 AAA Batteries (Inc.)
- · Made in China

Weighing Platform size: 75mm x 60mm Overall size: 130mm x 80mm x 20mm

Weight: 160g

Code	Description	иом	Price
S35231	DZ-150 Pocket Scale (150g x 0.01g)	EACH	£7.50

200g x 0.01g On Balance (Backlit)



200g x 0.01g - On Balance (Backlit)

- \bullet 4 weighing modes: grams , oz, dwt and gn
- 200g calibration weight required code W20050
- Seperate Lid / Bowl
- Backlit Display
- Auto Shut Off
- Tare / Cal Facility • 2 AAA Batteries (Inc.)
- · Made in China

Weighing Platform size: 70mm x 70mm Overall size: 110mm x 80mm x 20mm

Weight: 155grms

Code	Description	иом	Price
S34660	MTT-200 Pocket Scale (200g x 0.01g)	EACH	£10.50

200g x 0.01g On Balance (Dual Display)



200g x 0.01g - On Balance (Dual Display)

- Dual Units Display
- 4 weighing modes: grams , ct, dwt and gn
- 100g calibration weight required x 2, code W20049
- · Backlit Blue LCD Display
- · Auto Zero & Shut Off
- Overload Protection
- Tare / Cal Facility
- 2 AAA Batteries (Inc.)
- Made in China

Weighing Platform size: 60mm x 75mm Overall size: 120mm x 65mm x 20mm Weight: 175grms

Description DD-200 Pocket Scale (200g x 0.01g) S35508 EACH £8.95

200g x 0.01g Tanita 1579 (Backlit)

TANITA



200g x 0.01g - Tanita 1579 (Backlit)

It looks like the original T-1479V with new improved features

- Slimmer (only 10mm thick)
- New Higher Capacity: 200g x 0.1g
- 4 Weighing Modes (g, oz, ozt, dwt)
- Calibration function
- Batteries included, takes 2 x 2032 batteries (code mx2032)

For Calibrating use a 200gm Calibration Weight (W20050)

Code	Description	UOM	Price
S19478	Tanita 1579V (200g x 0.01g)	EACH	£51.95

200g x 0.1g Tanita 1479z

TANITA



200g x 0.1g - Tanita 1479z

- Looks like Original T-1479v with new improved features
- Slimmer (only 10mm thick)
- New Higher Capacity 200g x 0.1g
- 4 Weighing Modes (g, oz, ozt and dwt)
- Calibration Function
- Batteries included, takes 1 x 2032 batteries (code MX2032)

For Calibrating use a 200gm Calibration Weight (W20050)

Code	Description	иом	Price
S20053	Tanita 1479 - Z (200g x 0.1g)	EACH	£54.95

300g x 0.01g On Balance (Backlit & Touch Screen)



300g x 0.01g - On Balance (Backlit & Touch Screen)

- Touch Screen
- 4 weighing modes grams, oz, dwt, and gn
- 200g calibration weight required code W20050
- Seperate Lid / Bowl
- Backlit Display
- Auto Shut Off
- Tare / Cal Facility
- 2 AAA Batteries (Inc.)
- · Made in China

Weighing Platform size: 60mm x 60mm Overall size: 110mm x 75mm x 20mm

Weight: 175grms

Code	Description	UOM	Price
\$34661	DT-300 Pocket Scale (300g v 0.01g)	EΔCH	£14.25



Bradbury's Book of Hallmarks (1544 to 2015)

See Page 1379



500g x 0.1g Proscale



500g x 0.1g - Proscale

- 500g x 0.1g In Black
- Tare/zero standard function
- Auto off
- · Grams/oz/dwt
- Dimensions: 12.5 x 8.5 x 2.1cm
- · Comes in Wallet
- Batteries included, takes 3 x AAA batteries (code mn1500)

For Calibrating use a 500gm Calibration Weight (W20051)

Code	Description	UOM	Price
S20988	Proscale Black (500g x 0.1g)	EACH	£5.95

600g x 0.1g On Balance



600g x 0.1g - On Balance

- 6 weighing modes: Grams, Ounces, Carat, Troy Ounces (ozt) Grains (gn) & Pennyweight (dwt)
- Seperate Lid / Bowl
- 500g & 100g calibration weight required code W20051 & W20049
- Backlit LCD Display
- Auto Shut Off
- Overload Protection
- Tare / Cal Facility
- 2 AAA Batteries (Inc.)

Weighing Platform size: 52mm x 60mm Tray/Lid size: 110mm x 60mm Overall size: 115mm x 65mm x 20mm

Description

Weight: 175g

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*	K	Online	_	

UOM Price

600g x 0.1g Truweigh (Backlit)



600g x 0.1g - Truweigh (Backlit)

- 600g x 0.1g
- · Full tare capacity
- Calibration facility
- · Auto shut of
- · Backlight Display
- Batteries included, takes 2x AAA Batteries (code mn2400)
- Complete with cover/tray and protective pouch
- Dimensions: 100 x 76 x 15mm
- Capacity 600g (21.16oz x 0.01oz, 19.29ozt x 0.01ozt, 385.8dwt x 1.5g)
- Weight 114g

For Calibrating use a 500gm Calibration Weight (W20051)

Code	Description	иом	Price
S33020	Truweigh (600 x 0.1g)	EACH	£6.95
	Price breaks available, see v	vebsite	

600g x 0.1g Myco (Backlit)



600g x 0.1g - Myco (Backlit)

- 4 weighing modes: grams, oz, dwt and gn
- 500g calibration weight required code W20051
- Backlit Display
- Overload Protection
- Auto Shut Off
- Tare / Cal Facility
- 2 AAA Batteries (Inc.)
- Made in China

Weighing Platform size: 75mm x 65mm Overall size: 125mm x 75mm x 20mm Weight: 155grms

Code	Description	иом	Price
S34659	MZ-600 Pocket Scale (600g x 0.1g)	EACH	£5.85







1000g x 0.1g On Balance



1000g x 0.1g - On Balance

- 6 weighing modes: Grams, Ounces, Carat, Troy Ounces (ozt) Grains (gn) & Pennyweight (dwt)
- 1000g calibration weight required code \$6289
- Detachable Lid / Tray
- · Counting Function
- Backlit Display
- · Auto Shut Off
- Tare / Cal Facility
- 2 AAA Batteries (Inc.)
- · Made in China

Weighing Platform size: 55mm x 55mm Overall size: 100mm x 75mm x 20mm Weight: 145grms

Code	Description	иом	Price
S34662	DK-1000 Pocket Scale (1000g	EACH	£6.75

2000g x 0.1g On Balance



2000g x 0.1g - On Balance

- 6 weighing modes: Grams, Ounces, Carat, Troy Ounces (ozt) Grains (gn) & Pennyweight (dwt)
- Backlit LCD Display
- 2000g calibration weight required code W31369
- Auto Shut Off
- · Overload Protection
- · Tare / Cal Facility
- 2 AAA Batteries (Inc.)
- Stylish Notebook Appearance

Weighing Platform size: 115mm x 90mm Overall size: 165mm x 100mm x 25mm Weight: 325g

Code	Description	UOM	Price
S35232	NBS-2000 Notebook Scale (2000g x 0.1g)	EACH	£10.50

Precious Metal "Table" Scales

Click below and look at our large range of

Choose from pocket to desk top to cater for your everyday weighing needs.

Please note every scale has a low battery indicator, see the instructions manual for the indication icon, when the battery is low this icon will flash.

Cousins Material House supplies all sizes of batteries for all scales.

It is important to use a good quality battery for the prolonged use. Also we advise to remove the old batteries when the scale is not in use, to prevent leaking in the scale. We sell batteries at completive prices and in trade quantity.

Some scales ask for calibration to ensure the scale is set in order for it to read accurately. Often moving scales even on short journeys can disrupt the scale's reading and hence will not read accurately.

We supply all calibration weights at completive prices.

See equipment~scales~calibration weights.

200g x 0.01g On Balance

ON BALANCE



200g x 0.01g - On Balance

- Digital Table Scale
- Calculates the Price of Gold Items
- · Can enter the current daily rate for gold, then automatically calculate the price of a piece based on
- Stainless Steel Weighing Platform: 120 x 110mm
- Weighing Modes: Grams, Carat, Grain & Pennyweight
- Backlit LCD Display
- · Overload Protection
- Auto Shut Off
- Tare/Cal Facility

Code

S37994

- 3 Years Warranty
- 2 x AA Batteries Included

Description

CS 200 Digital Balance Scale

CH - 140 - 121	
	OVED 130 000
41	OVER 130,000
	OVER 130,000 DIFFERENT ITEMS

200g x 0.1g Ohaus CL201



200g x 0.1g - Ohaus CL201

- 200 x 0.1 gm
- Four Weighing Modes : Grams (g), Pounds/Ounces (lb:oz), Troy Ounces (ozt) & Pennyweight (dwt)
- Auto shut-off
- Portable
- · Lightweight
- Large Weighing Platform (12cm Diameter)
- Takes 3 x AA baterries (inluded) Cousins ref. MN1500
- LCD dislay
- Easy operation with 2 clearly marked buttons
- · Digital Calibration from keypad

Superior RF protection to deliver accurate and stable results when used in production areas or near cell phones (RF Radio Frequency)

For Calibrating use a 200gm Calibration Weight (W20050)

Dimensions :(W)145mm x (H)45mm x (D)205mm Weight 400g

Code	Description	UOM	Price
S34981	Ohaus Scale CL200gm x 0.1gm	EACH	£22.50

500g x 0.1g On Balance



500g x 0.1g - On Balance

- Digital Table Scale
- Stainless Steel Weighing Platform: 140 x 140mm
- Weighing Modes: Grams & Troy oz
- Backlit LCD Display
- Counting Function
- · Auto Shut Off
- Tare Facility

£19.95

• 3 Years Warranty

4 x AA Batteries Included

Code	Description	UOM	Price
S34436	OB-500 Digital Balance Scale	EACH	£24.75

600g x 0.1g Ohaus Pro-Scout



600g x 0.1g - Ohaus Pro-Scout

- 600 x 0.1gm
- 15mm digits
- Grams/oz/dwt/ozt
- Takes 4 x AA batteries our (code (MN1500) please note take batteries out of unit when connecting to mains adaptor (batteries not included)
- · Mains adaptor included
- Dimensions: 18 x 22 x 6cm

Includes 600gm Calibration Weight

Code	Description	UOM	Price
S1477	Ohaus Pro-Scout (600g x 0.1g)	EACH	£45.00

2000g x 0.01g On Balance



2000g x 0.1g - On Balance

- Digital Table Scale
- · Calculates the Price of Gold Items
- Can enter the current daily rate for gold, then automatically calculate the price of a piece based on
- Stainless Steel Weighing Platform: 120 x 110mm
- Weighing Modes: Grams, Ounces, Troy Ounces & Pennyweight
- · Backlit LCD Display
- Overload Protection
- · Auto Shut Off
- Tare/Cal Facility
- 3 Years Warranty
- 2 x AA Batteries Included
- Code Description S37995 £16.95 CS 2000 Digital Balance Scale EACH

3000g x 0.1g On Balance





3000g x 0.1g - On Balance

- Digital Table Scale
- Stainless Steel Weighing Platform: 145 x 145mm
- Weighing Modes: Grams & Troy oz
- · Backlit LCD Display
- · Counting Function
- · Auto Shut Off
- · Tare Facility
- 3 Years Warranty
- 4 x AA Batteries Included

Code	Description	ИОМ	Price
S34437	OB 3000 Digital Balance Scale	EACH	£39.95

5500g x 0.1g My Weigh



5500g x 0.1g - My Weigh

The My Weigh iBalance5500 is trusted by professionals when accuracy is of the highest importance. My Weigh is a trusted name in weights and measures need to be reliable and precise.

- Dual chip for accuracy and speed
- Equipped with My Weigh scale new meter to prevent overloading of the scale
- · A professional compact scale with a backlight and extra large LCD screen. The backlight makes it easy to read from a distance
- · Weigh with accuracy/speed with a dual chip technology larger items like silver candle sticks, trays, teapots, precious metal bullion bars, jewellery, ornaments, figurines etc.
- Requires calibration weights 5kg for full accuracy operation 2 x 2kg (code w31369) 1 x 1kg (code s6289)

Specifications:

- Capacity 5500g x 0.1g
- Grams, Ounces, Pounds, Troy Ounces, Pennyweight, Carats & Grains
- Full Tare Capacity • Digital Auto Calibration
- Individual Height Adjustable Feet
- · Liquid Leveling Indicator
- Stainless Steel Tray
- · Adjustable Auto Off

- Backlit Display
- Parts Counting Feature
- · AC Adaptor Included

Dimentions: 168mm (w) x 240mm (h) x 64mm (l)

Code	Description	UOM	Price
S34608	IB 5500 Digital Balance Scale	EACH	£120.00

SOLDERING IRONS & STATIONS

SOLDERING IRONS

Weller 4270c



Soldering Iron - Weller 4270c

- 2.4mm fine chisel tip
- · Nickel plated tip
- Ergonomically designed for more comfortable grip
- · Light duty hand iron
- Metal stand included
- 15W. 230 Volts

• CE mark	ed		
Code	Description	UOM	Price
S5686	Weller 4270c Soldering Iron	EACH	£19.95
S5686A	Weller 4270c Soldering Iron	DV.C.K.*3	£4.40

PACK*3 **£4.40**

Antex, Portable Kit



Soldering Iron - Antex Gascat 120P - Kit

- 4 Tip multi kit
- Click to ignite
- 120 minute run time
- · Ready to melt solder in 30 seconds
- Anti-static ESD safe
- Adjustable temperature control
- · Refillable in seconds

Kit includes:

- 120 Watt Soldering iron
- Sponge compartment
- Soldering tip (up to 580°C)
- Blow torch (up to 1300°C)
- Hot air tip (up to 625°C)
- Hot knife tip (up to 580°C)
- · Hot air deflector
- Carrying Case

Antex soldering iron features:

- Cordless
- Patented ergonomic design
- Butane powered
- 25 to 120 Watts
- Up to 1300°C

- · Rapid heat up time
- Gas on-off switch
- · Ignition switch
- Gas level inspection window
- Temperature regulator button
- · Fail-safe design shut off
- Ø25mm x 200mm (Diameter x overall length)

Butane Gas Refill G12021 (Not Included)

Code	Description	иом	Price
S49182	Antex Portable Soldering Iron Kit	EACH	£79.95

Pro-Piezo, Portable



Soldering Iron - Pro-Piezo - Portable

- Cordless
- Ergonomic Design
- Butane Powered
- 25-75 Watts
- 625°c Max.
- Rapid Heat Up Time
- · Gas On-Off switch
- Gas Level Inspection Window
- Igniton Switch
- Temperature Regulator Button
- Failsafe Design Shut Off
- Includes a 2.4mm Long Life Genral Purpose Tip
- Other Tips Available (S9762, S9764 & S9765)
- Butane Gas Refill G12021

Code	Description	UOM	Price
S9760	Pro-Piezo Portable Soldering Iron	EACH	£34.95

Pro-Piezo, Portable Kit



Soldering Iron - Pro-Piezo 75 - Kit

- 4 Tip multi kit
- Click to ignite
- 60 minute run time
- Ready to use after 30 seconds
- Anti-static ESD safe
- Adjustable temperature control

Kit includes:

- Mini stand/rest
- Sponge compartment
- 2.4mm General Purpose Tip
- Hot Air Blower & Deflector Tip
- Hot Knife Tip
- Blowtorch Tip
- Carrying Case

As well as the Pro Piezo Soldering Iron which is:

- Cordless
- Patented Ergonomic Design
- Butane Powered
- 15-75 Watts
- 625°C IVIAX
- Rapid Heat Up Time
- Gas On-Off switch
- Gas Level Inspection Window
- Ignition Switch
- Temperature Regulator Button

• Fail-safe Design Shut Off

Butane Gas Refill G12021 (Not Included)

Code	Description	иом	Price
S9762	Pro-Piezo Soldering Tip 2.40mm	EACH	£7.95
S9764	Pro-Piezo Soldering Tip 3.20mm	EACH	£3.95
S9765	Pro-Piezo Hot Air Tip	EACH	£3.95

SOLDERING STATIONS

Solder Craft Soldering Station



Soldering Station - Solder Craft

- Compact temperature controlled 10W soldering unit for micro soldering applications
- Station size: L x W x H 100 x 65 x 55mm
- Soldering Iron: 12v / 7.5w
- Soldering bit, internally heated, Ø2mm pencil shaped
- Iron Stand
- Operating manual
- Electronic, adjustable temperature selection
- Stepless adjustment 100 to 400°C
- Heater control through LED
- With suitable tips, also used for wax modelling
- Made in Germany

Technical Data:

- Operating Voltage: AC 230 / 50 Hz (secondary 12 V
- for soldering iron)
 Power: Max. 10w
- Fuse: 0,08A time lag
- Temperature Adjustment Range: 100 400°?c
 continuously
- Heating Indication: by LED

Contents:

- Soldering Station
- Soldering Iron (12V/7.5W)
- Soldering Tips
- Soldering Iron Stand
- Operation Manual

Code	Description	иом	Price
S34687	Temperature Controlled Soldering	EACH	£59.95

STEAM CLEANING

Steam Cleaning Helps Drive Sales

Steam Cleaning in a retail environment, out doors or inside, is a Jewellers favourite, proving to be a big attention grabbing activity of potential customers who are drawn to the steam release noise, the gathering crowd and intrigue to see and witness the quick and brilliant finish left on a piece of Jewellery or a watch bracelet that is now gleaming and sparkling.

Excellent cleaning service for customers while they wait, smear free, environmentally friendly without any chemicals, they can also be used to clean retail shop suede display boards as well as being used in a wide range of other areas like dental technicians, opticians, arts & crafts and model making.

Elma ES 4.5 Basic

The compact Elmasteam 4.5 basic is ideally suitable for performing all occurring pre cleaning and final cleaning in the watch and jewellery industry and in the general workshop area.

The pressure tank is filled in a simple way using the filling tray. The indirect heater is located outside the pressure tank, lime deposits on the heater are prevented and the service life is increased. Occurring deposits in the tank due to hard water can be removed easily and quickly through the safety ball valve using a rinsing set.

Two versions are available; with a fixed nozzle or with a flexible hand piece with a 1.3 metre hose. A fixed nozzle enables working with both hands and is equipped with a practical on off foot pedal, whereas a flexible hand piece allows pieces to be cleaned all round quickly and effectively

- 4.5 bar pressure with maximum safety technology
- Constant steam availability due to high heat
 output
- Optimum for use as well as for small spaces
- Variant can be selected between fixed nozzle or flexible hand piece
- Machine and safety devices with CE certification and TÜV type approval according to DIN EN 61010-1
- No external water connection is necessary due to manual filling
- Prevention of lime deposits on the heater
- Easy operation and clear display

Specifications:

- Mains voltage 220 240V
- Max. power consumption (W) 2800
- Pressure tank volume 4 litres
- Max. filling volume 3.3 litres
- Operating pressure 4.5 bar
- Dimensions 245 x 305 x 320mm
- Weight (empty) 6.75KgSteam temperature in the boiler 155°C
- Steam temperature at the nozzle 135°C

CousinsUK, Elma's primary distributor

ES 4.5 Steam Cleaner



- Fixed NozzleOn/off foot pedal
- Code
 Description
 UOM
 Price

 S41156
 ES 4.5 Steam Cleaner
 EACH
 £795.00

COUSINSUK PRICE PROMISE

ES 4.5 Steam Cleaner with Flexible Handpiece



- · Flexible handpiece
- 1.3 metre hose
- · On/off button on handpiece

Code	Description	UOM	Price
S41157	ES 4.5 Steam Cleaner with Flexible Handpiece	EACH	£995.00

Elma ES 8 Basic

The compact Elmasteam 8 basic is the ideal steam cleaning machine for watch and jewellery making workshops for the cleaning of worn and mounted jewellery as well as for watch straps, chains and rings with set stones. With the selectable pressure modes "soft" and "strong" and the strong heating power, the Elmasteam 8 basic is ready for even the most challenging cleaning tasks. The individually adjustable Eco-mode ensures that the unit closes automatically down to 3 bar operating pressure in order to save energy and cost.

- 2 pressure ranges available, 4 to 6 bar or 6 to 8 bar, adjustable in 0.5 bar steps
- 5 litre capacity
- Stable steam availability through strong heating power
- Dry steam. The piece you are cleaning stays dry throughout due to the pressure of the steam
- Available with fixed nozzle, flexi hand piece, compressed air function & auto filling pump
- Perfect for use in small space workshops
- No external water connection required for manual filling
- Easy to clean stainless steel surface
- Intelligent pump control to avoid idle phases due to refilling
- Automatic eco mode, saves money & the environment
- Adjustable lock mode for maximum user safety
- Clearly arranges icons for permanent easy monitoring of the operating state
- Easy to use de-calcification programme
- Auto filling available, can connect either directly to a nearby tap or the Elma auto filling container (S47387)
- See the video link and the available documents for full specification
- See "more info" for individual machine specification

Specifications:

- Mains voltage 220 240V
- Max. power consumption (W) 3120
- Pressure tank volume 5 litres

- Max. filling volume 3.8 litres
- Operating pressure, variable from 4 to 8 bar
- Dimensions 285 x 350 x 520mm
- Weight (empty) 20Kg
- Steam temperature in the tank 185°C
- Steam temperature at the nozzle 160°C
- 3 year warranty
- · Made in Germany

Elma's Principle UK Distributor

Elmasteam 8 Basic with Fixed Nozzle



Features:

- · Fixed nozzle
- Foot switch
- Variable pressure, from 4 to 8 bar

Code	Description	UOM	Price
S45618	Elmasteam 8 Basic with Fixed Nozzle	EACH	£1,595.00

Elmasteam 8 Basic with Fixed Nozzle, Flexi Handpiece, Auto Filling & Compressed Air



Features:

- Fixed nozzle
- Flexi hand piece
- Foot switch
- Compressed air connection (nozzle and hand piece)
- Auto filling pump
- Variable pressure, from 4 to 8 bar
- Auto filling container item code \$45619

Code	Description	иом	Price
S45619	Elmasteam 8 Basic with Fixed Nozzle, Flexi Handpiece, Auto Filling & Compressed Air	EACH	£2,495.00



Elma ES 3000 & 5000

Elma Steam Cleaning Equipment ES3000 & ES5000

S32103 (ES3000):

- 3 Litres
- One Fixed Nozzle
- Foot Switch
- Compressed Air Connection (*1)

S32104 (ES5000):

- 5 Litre
- One Fixed Nozzle "PLUS" one Flexible Hand Piece with 1.7m Long Hose
- Foot Switch
- 2 Compressed Air Connections (*1)
- With Auto Filling Device (Intergrated Water Supply Pump) (*2)
- *1 Compressed Air Connection allows the foot pedal to acts in a dual role when compressed air is attached, half depressed for compressed air and fully depressed for steam (also the flexible hand piece on the ES5000). *2 ntergrated Water Supply Pump, allows an external water supply (max. 4 bar) or from a seperate container, bucket, carboy or drum (no more filling up).

(All combination are available, 3 or 5 litre with or without flexible hand piece, compressed air connection or interegrated water supply pump, our best selling 2 models are shown below).

High Performance, Steam Cleaning Units

- Stainless Steel
- · Made in Germany
- 2 Year Warranty
- Used by jewellers, silversmiths, model makers, dental technicians, opticians and arts & crafts people
- Enhance your rhodium, gold, silver and other types of plating. You will notice a brighter finish on rhodium plated pieces – a very traditional method, tried and tested
- Steam cleaning is a fast and efficient way of cleaning your items
- Completely dry surface finish after steam cleaning your items and are smear free
- A favourite for the retail jeweller offering a fast cleaning jewellery / watch bracelet cleaning service to customers while they wait
- Popular with retail shops to clean suede display boards
- Use a conventional tap water supply
- At a pressure of 8 bar with top safety standard
- Constant availability of steam, no pressure
 losses
- High heating power, constant pressure level
- Perfect quality in "2-chamber design"
- Environment-friendly without any chemicals
- Multiple combinations available with fixed nozzles or flexible hand pieces, connection for compressed air and water supply pump optional
- 230V

See PDF attachments for full specifications Elma's Principle UK Distributor





Elma ES 3000 Steam Cleaner



S32103 (ES3000):

- 3 Litres
- One Fixed Nozzle
- Foot Switch
- Compressed Air Connection (*1)

Features:

*1 Compressed Air Connection - allows the foot pedal to acts in a dual role when compressed air is attached. half depressed for compressed air and fully depressed

See PDF attachments for full specification

Code	Description	иом	Price
S32103	Elma ES 3000 Steam Cleaner	EACH	£1,395.00

Elma ES 5000 Steam Cleaner (with auto filling & flexi hand piece)



S32104 (ES5000):

- 5 Litre
- One Fixed Nozzle "PLUS" one Flexible Hand Piece with 1.7m Long Hose
- Foot Switch
- 2 Compressed Air Connections (*1)With Auto Filling Intergrated Water Supply Pump (*2)

*1 Compressed Air Connection - allows the foot pedal to acts in a dual role when compressed air is attached, half depressed for compressed air and fully depressed for steam (also the flexible hand piece on the ES5000). *2 Intergrated Water Supply Pump, allows an external water supply (max. 4 bar) or from a seperate container,

bucket, carboy or drum.

See PDF attachments for full specification

Code	Description	иом	Price
S32104	Elma ES 5000 Steam Cleaner (with auto filling & flexi hand piece)	EACH	£2,295.00



Elma ES Accessories

Automatic Filling Unit with Integrated Levelling Control, Elma 1070254



- For ES 8 steam cleaners
- 10 litre container
- With integrated levelling control
- Elma 1070254

Code	Description	UOM	Price
S47387	Automatic Filling Unit with Integrated Levelling Control, Elma 1070254	EACH	£210.00

Evaporating Cabinet



- Provides a safe space for steam cleaning items
- Contains steam within the space, ensuring better cleaning & safer operation
- Elma 107 5962
- 425 x 365 x 295mm

Code	Description	иом	Price
S46123	Evaporating Cabinet	EACH	£179.95

Handpiece with Flexible Hose, Elma 1020703



Flexible Hose - Elma 1032354

- For Elma ES3000 & ES5000
- Individual Steam and Air Button

Code	Description	иом	Price
S27115	Handpiece with Flexible Hose, Elma 1020703	EACH	£275.95

Nozzle & Foot Controller, Elma 3760250000



For Elma ES3, 5 & 10

Code	Description	иом	Price
S9561	Nozzle & Foot Controller, Elma 3760250000	EACH	£140.00

Elma ES Replacement Parts



Code	Description	иом	Price
S34980	Filling Cap, Elma 1020705	EACH	£34.65
S13775	Gasket for Filling Cap for ES Series, Elma 1013937	EACH	£7.50
S45628	Gasket for Filling Cap for ES4.5 & ES8 Steam Cleaners, Elma 1070074	EACH	£8.95
S38758	Heating Element for ES3000, Elma	EACH	£145.00
S38757	Heating Element for ES5000, Elma	EACH	£160.00
S38759	Heating Element Sealing, Elma 1015921	EACH	£11.50
S29194	Pump, Elma 1028426	EACH	£250.00
S32065	Solenoid Valve Pressure Control, Elma 3760130000	EACH	£156.50

Eitan Industries Steam Cleaners

Powerful, effective and fast cleaning for jewellery. This "dry steam" steam cleaner is ideal for busy retail establishments and workshops.

- Powerful 8 bar standard operating pressure
- Can operate up to 12 bar
- 3 litre water capacity
- Dry steam. The piece you are cleaning stays dry throughout due to the pressure of the
- · Compact and light unit
- · Automatic safety switch off (when water reaches element)
- Automatic steam release (solenoid) valve
- ON/OFF foot peddle enabling you to use both hands
- No reduction in pressure when in operation
- Thermostatically controlled heating element with automatic safety valve
- Long life, low wattage heating element
- Sight glass for checking water level with protective cover
- · Water outlet tap for easy draining
- CE marked
- 230 volt

Dimensions:

- 40 x 21 x 38cm (height x depth x width)

3 Litres Eitan Steam Cleaning Machine



Code	Description	иом	Price
S5090	3 Litres Eitan Steam Cleaning Machine	EACH	£1,295.00

Eitan Industries Steam Cleaning Accessories



Code	Description	иом	Price
S5091A	Eitan Water Sight Glass Tube	EACH	£44.95
S5091B	Eitan Teflo Sight Seal Gasket	EACH	£9.95
S8669	Eitan Solinoid Valve Complete	EACH	£169.95
S5091D	Eitan Control Lamp Neon Light	EACH	£9.95
S5091C	Eitan Switch With Red Light	EACH	£29.95

Steam Cleaning Aids, (Tweezers, Baskets)

Steam Cleaning Aids - Tweezers - Baskets

- Essential steam cleaning aids, ideal for cleaning your jewellery components
- C6244 and C31901 are ideal for jewellery with stone settings as you can clean and trap stones within basket cups, ensuring no loss
- T6241 long reach coated tweezers keeps your fingers away from the hot steam while cleaning

Ø40mm Hand Held Cleaning Basket



Ideal for jewellery with stone settings as you can clean

and trap stones within basket cups, ensuring no loss of parts.

- Facilitates easy cleaning & handling of parts or stones in an ultrasonic or steam cleaner
- Spring loaded handle applies pressure to keep basket closed when in use
- Basket will not effect parts or solution
- Length 7 inch

Code	Description	иом	Price
C6244	Ø40mm Hand Held Cleaning Basket	EACH	£2.95

Ø65mm Hand Held Cleaning Basket



Ideal for jewellery with stone settings as you can clean and trap stones within basket cups, ensuring no loss

- Facilitates easy cleaning & handling of parts or stones in an ultrasonic or steam cleaner
- Spring loaded handle applies pressure to keep basket closed when in use
- Basket will not effect parts or solution

Code	Description	UOM	Price
C31901	Ø65mm Hand Held Cleaning Basket	EACH	£3.75

Tweezers Coated Tips for Steam



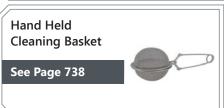
Long reach coated tweezers keeps your fingers away from the hot steam while cleaning

- Length 250mm
- Plastic coated tips
- Medium grip
- For use with steam cleaners

Code	Description	UOM	Price
T6241	Tweezers Coated Tips for Steam	EACH	£2.15







WATCH BAT-TERY TESTING

Battery Tester Tweezers



Battery Tester - Tweezers

- · Simple, easy operation
- · Compact tool
- Inexpensive to replace if lost or damaged
- Tests 1.5 volt & 3 volt batteries
- \bullet Light glow LED for 1.5V, bright glow for 3V
- Can be used for all kinds of 1.5 to 3 volt batteries

Code	Description	UOM	Price
T47702	Battery Testing Tweezers	EACH	£2.15

Etic Battery Tester



Battery Tester - Etic

- Etic Swiss
- "Improved"
- Red button simulates battery test under load

- High drain
- · Low drain
- · Silver-mercury
- Lithium
- 1.35 to 1.5v & 3v

Code	Description	иом	Price
T1685	Battery Tester, ETIC 340-450	EACH	£28.95

Non Branded Battery Tester



Battery Tester - Non Branded

- 3 testing methods (pressure slot, current sensitive terminal posts or remote flexible probe tips)
- Self powering and offering 9 voltage test modes

from 1.3/1.5v button cells through 8 more switchable voltages rising to max 22.5v

• Dimensions only 100 x 60 x 35mm, complete with instructions

Code	Description	иом	Price
T9822	Mini Watch Battery Tester	EACH	£7.50

Renata Battery Tester (includes Mechanical Defect Test)



Watch Battery & Mechanical Defect Tester - Renata

This practical tester helps you to test, before opening the watch case, whether a stopped analogue quartz watch actually requires a battery change or if it is a mechanical defect that may be blocking the stepping motor, in which case, a repair rather than a battery change is indicated.

If the watch hands are not moving, place the complete watch on the centre position to hear the pulse of the watch.

Plus complete testing of batteries.

• Renata Swiss

Code	Description	UOM	Price
T1684	Renata Watch & Battery Tester	EACH	£39.95

Kinetic Watch Charger



WIT Swiss

- Quick charging apparatus for watches that use capacitors
- Suitable for watch movements manufactured by Citizen, Miyota, Seiko, Swatch Group & others
- Indispensable after prolonged inoperation, infrequent wearing, service and testing purposes
- Only to be used for standard 1.5v capacitors
- 110/220 volt
- Requires adapter A48974
- Made in Europe

Instructions:

- Remove the drained capacitor from the watch (or use a new unused capacitor)
- Once plugged in, press down the alligator clip to light up the indicator LED. This demonstrates what the LED should look like once the capacitor is fully charged
- Place the capacitor under the alligator clip, with the positive side facing up
- If the LED lights up with bright intensity, the capacitor is fully charged

- If the LED lights up with medium intensity, the capacitor is partly charged
- If the LED lights up with low intensity, the capacitor is not charged
- Leave the capacitor under the alligator clip to start charging
- When charging begins, the LED will light up with bright intensity when the capacitor is fully charged

Charging times:

- From empty: 60 to 120 minutes
- From partially charged: 30 to 60 minutes

Dimensions

• 115 x 85 x 65mm (Length x width x height)

Code	Description	UOM	Price
T48545	Capacitor Charger	EACH	£64.95

WATCH CLEANING

ELMA WATCH CLEANING - ELMA SOLVEX

Elma Solvex VA

Elma Solvex VA



Elma Solvex VA - The new standard for the use of flammable solvents in watch movement cleaning.

- Multi frequency Ultrasonic & Vacuum Technology Cleaning
- Self Contained Discharge of Toxic Solvent Vapours
- Explosion Proof, TUV Rheinland Safety Approved & CE Certified

Elmasolvex VA uses the best ultrasonic cleaning technology combined with vacuum inducing technology, whilst eliminating the grave threat of fire or explosion with its self-contained vapour filtration system.

A CE certified and TUV certificated safety requirement, this in house vacuum pump removes any risk of fire or explosion, by controlled discharge of solvent vapours. The use of ultrasound cleaning technology is thus legally possible and permitted.

- Pre-set or individually programmable cleaning cycles
- Cleaning and rinsing using multi-frequency ultrasound in rotation or oscillation process
- Parts are cleaned in a chamber in which cleaning and rinsing solutions are changed automatically
- Vacuum technology in this chamber also reaches difficult-to-access places and removes all gas bubbles from the movements and parts
- Ex-certified solvent-based cleaning of watch movements (TÜV Rheinland)
- Protection against solvent vapours and odours using extraction or self-contained filter system

- Machine can be completely rotated, media containers and connections are very easily accessible
- Media containers are easy to replace and rinse out.
 Integrated particle filter for increasing the service life of the cleaning and rinsing solutions
- Closed system ensures minimal evaporation of cleaning fluid
- Filters through the fluid containers and cleaning chamber ensure no lost parts
- Quiet operation and containment of fumes and smells make for a better, safer working environment (workshop or retail)
- Wide range of practical accessories; see accessories catalogue
- 220 to 240 Volt (if you require a different voltage, please submit an online support request under "products and stock new item requests (excluding watch & clock parts by brand and movements)")
- CE marked
- Made in Germany

Ultrasonic and vacuum technology guarantees

- Maximum cleanliness due to removal of interfering gas bubbles
- Explosion safety due to the Ex-protection measures integrated in the machine
- Ex-certified for flammable solvents with flashpoint \sim = 12 °C

Machine Includes:

- Ø80mm Basket frame, anti-static, Elma 105 3905 (R37650)
- Liquid container x4. Elma 103 8653 (R37673)
- Exhaust outlet tubes

Optional Extras:

- Ø80mm Basket set complete (R37640)
- Ø80mm Basket set complete, rilsan coated (R37641)
- Ø80mm Basket frame (R37649)
- Ø80mm Basket frame, anti-static (R37650) (one already included with machine)
- Ø64mm Basket set complete, including frame, lid & adapter (R37642)
- Ø64mm Basket frame (R37667)
- Ø64mm Basket adapter (R37668)
- Ø64mm Basket frame lid (R37669)
- Activated carbon unit (R37643)

Dimensions:

- Ø600mm x 606mm (Height)
- 50Ka

Code	Description	иом	Price
R37628	Elmasolvex VA, 240 Volt	EACH	£10,995.00
R37682	Elma Solvex VA, 110 Volt (Japan)	EACH	£10,750.00
R37681	Elma Solvex VA, 115 Volt	EACH	£10,750.00









<u>Ø64mm Basket & Fittings</u>

Elma Solvex VA - Ø64mm Baskets & Fittings

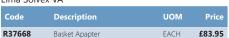
If you already have (or even prefer) Ø64mm baskets, here are the fittings needed to adapt the Elma solvex VA for use with Ø64mm baskets.

- To use Ø64mm baskets with the VA, the basket frame, basket frame lid & adapter are used (all listed below)
- These items are all included, along with 4 baskets and a basket lid, in the basket set complete (R37642)
- For a full range of Ø64mm Baskets/Trays see Elma Solvex RM/SE (See link below)
- For mini watch cleaning baskets/parts capsules see code R37658

Basket Apapter

Elma 1052352

Attaches to the bottom of the Ø64mm holder (R37667) allowing it to be used in the Elma Solvex VA



Basket Set Complete

Elma 1052351

Includes:

- Basket Frame
- Basket Adapter
- Basket Lid
- Basket, 1 section
- Basket, 5 sectionsBasket, 5 sections
- Mini basket & lid
- Mini basket & lid

Code	Description	UOM	Price
R37642	Basket Set Complete	EACH	£199.50

Basket Frame

Elma 105 2348

- Ø64mm Basket Frame
- Elma Solvex VA Only



Code	Description	иом	Price
R37667	Basket Frame	EACH	£18.50

Basket Frame Lid

Elma 105 3496

• for Ø64mm Basket Frame



Code	Description	ИОМ	Price
R37669	Basket Frame Lid	EACH	£27.95

Ø80mm Basket & Fittings

Elma Solvex VA - Ø80mm Baskets & Fttings

The range of accessories, replacements and fittings for the Ø80mm basket. Many different styles of tray available ensures you can have the right one for your job.

Trays available in:

Stainless Steel:

- Long lasting standard trays
- · Electro polished

Rilsan Coated (RC):

- Stainless Steel covered in Rilsan
- A soft plastic coating that protects delicate parts
- Better drying properties then completely plastic trays

For mini watch cleaning baskets/parts capsules see code R37658

Basket Set Complete

Elma 1055836

- Stainless Steel
- Electropolished

Includes:

- Basket Lid
- · Basket, 1 section
- Basket, 4 sections
- Basket, 8 sections
- Basket, 11 sections & Ø25mm centre section
- Basket, 11 sections & Ø40mm centre section
- 2 Mini Baksets

Code	Description	иом	Price
R37640	Basket Set Complete	EACH	£695.00

Basket Set Complete (RC)

Elma 1055837

- Stainless Steel
- Rilsan Coated (RC)White
- vvn

Includes:

- Basket Lid
- Basket, 1 section
- Basket, 4 sections
- Basket, 8 sections
- Basket, 11 sections & Ø25mm centre section
- Basket, 11 sections & Ø40mm centre section
- 2 Mini Baksets

Code	Description	UOM	Price
R37641	Basket Set Complete (RC)	EACH	£795.00

Basket Frame

Elma 1053162

- Plastic
- Less Brittle



Code	Description	иом	Price
R37649	Basket Frame	EACH	£79.95

Basket Frame, Anti Static

Elma 1053905

R37650

- Carbon based plastic
- Prevents static loading



cription	иом	Price
at Erama Anti Static	FΔCH	£88 50

Basket Lid

Elma 1052332

• Stainless Steel



Code	Description	иом	Price
R37651	Basket Lid	EACH	£44.95

Basket Lid (RC)

Elma 1053828

- Stainless Steel
- · Rilsan Coated (RC)



Code	Description	иом	Price
R37660	Basket Lid (RC)	EACH	£54.95

Tray, 1 Section

Elma 1052338

· Stainless Steel



Code	Description	иом	Price
R37652	Tray, 1 Section	EACH	£99.95

Tray, 1 Section (RC)

Elma 1053834

- Stainless Steel
- Rilsan Coated (RC)

иом	Price

Code	Description	ООМ	Price
R37661	Tray, 1 Section (RC)	EACH	£109.05

Tray, 1 Section Double Height

Elma 1052333

Stainless Steel



Code	Description	иом	Price
R37657	Tray, 1 Section Double Height	EACH	£115.00

Tray, 1 Section Double Height (RC)

Elma 1053829

- Stainless Steel
- Rilsan Coated (RC)

Code	Description	UOM	Price
R37666	Tray, 1 Section Double Height	EACH	£128.50

Tray, 4 Section

Elma 1052336

· Stainless Steel



Code	Description	иом	Price
R37653	Tray, 4 Section	EACH	£115.00



Tray, 4 Section (RC)

Elma 1053832

- Stainless Steel
- Rilsan Coated (RC)



Code	Description	иом	Price
R37662	Tray, 4 Section (RC)	EACH	£142.95

Tray, 8 Section

Elma 1052337

• Stainless Steel



Code	Description	иом	Price
R37654	Tray, 8 Section	EACH	£159.95

Tray, 8 Section (RC)

Elma 1053833

- · Stainless Steel
- Rilsan Coated (RC)



Code	Description	иом	Price
R37663	Tray, 8 Section (RC)	EACH	£165.00

Tray, 11 + Ø25mm **Centre Section**

Elma 1052334

- Stainless Steel
- Ø25mm centre section

Code	Description	UOM	Price
R37655	Tray, 11 + Ø25mm Centre Section	EACH	£165.00

Tray, 11 + Ø25mm **Centre Section (RC)**

Elma 1052334

- Stainless Steel
- Rilsan Coated (RC)
- Ø25mm centre section

Code	Description	иом	Price
R37664	Tray, 11 + Ø25mm Centre Section (RC)	EACH	£189.95

Tray, 11 + Ø40mm **Centre Section**

Elma 1052335

- Stainless Steel
- Ø40mm centre section

Code	Description	иом	Price
R37656	Tray, 11 + Ø40mm Centre Section	EACH	£165.00

Tray, 11 + Ø40mm **Centre Section (RC)**

Elma 1053831

- · Stainless Steel
- Rilsan Coated (RC)
- Ø40mm centre section

Code	Description	иом	Price
R37665	Tray, 11 + Ø40mm Centre Section (RC)	EACH	£196.95

<u>Ø80mm Movement Holders</u>

Elma Solvex VA - Ø80mm Movement Holders

Designed specifically for cleaning whole movements in the Elma Solvex VA.

- \bullet Type 1 Spring loaded holder that gives the best support for cleaning watch movements
- Type 2 Mainly designed for manufacturers, where cleaning doe snot require excessive
- Adapter Designed so that other other Swiss made cleaning machine movement holders will work with The Solvex VA

Movement Holder Type 1

Elma 1046733

- Holds 12 Movements
- Use for thorough cleaning of
- movements

		3 14	
Code	Description	UOM	Price
R37646	Movement Holder Type 1	EACH	£188.95

Movement Holder Type 2

Elma 1046153

 Holds 12 Movements (Cannot be used for spinning or excessive cleaning)



Movement Holder Adapter

Elma 1054631



Code	Description	иом	Price
R37648	Movement Holder Adapter	EACH	£99.95

Activated Carbon Unit

Elma Solvex VA - Activated Carbon Unit

When there is no outdoor vent, fully self contained (great for showrooms/boutiques). Breaks down harmful and combustible fluid vapour. Prevents potentially harmful fumes from escaping into your working environment as well as preventing any possible combustion of flammable cleaning fluid vapour.

- Used with the Elma Solvex VA
- · Carbon activated filter
- · Needs no outdoor vent

- Fully self contained
- · Lasts for up to 500 cycles*
- Replacements available
- * Dependent on type of cleaning (ultrasonic/ vibrosonic), heating and solvents used. As a minimum you can expect 150 to 200 cycles.

Activated Carbon Filtration Unit



Elma 105 3376

· Used with the Elma Solvex VA

When there is no outdoor vent, fully self contained (great for showrooms/boutiques). Breaks down harmful and combustible fluid vapour. Prevents potentially harmful fumes from escaping into your working environment as well as preventing any possible combustion of flammable cleaning fluid vapour

Code	Description	иом	Price
R37643	Activated Carbon Filtration Unit	EACH	£795.00

Refill Set

Elma 105 3832



Code	Description	иом	Price
R37644	Refill Set	PACK*3	£35.50

Repalcement Filter

Elma 1053821



Code	Description	иом	Price
R37645	Repalcement Filter	EACH	£30.95

Liquid Container (Elma VA)

Elma Solvex VA - Liquid Container

- 2.5 litres
- Elma 1038653



Code	Description	иом	Price
R37673	Liquid Container, Elma 103 8653	EACH	£128.95
R47828	Lid for Fluid Container	EACH	£9.95

<u>Pager (Elma VA)</u>

Elma Solvex VA - Pager

Enables you to programme a reminder very similar to a pocket timer.



Code	Description	иом	Price
R37672	Pager, Elma 104 7991	EACH	£129.95

Fuse

- Fuse for Elma solvex VA
- 5 x 20mm



Code	Description	UOM	Price
F49170	Fuse for Solvex VA	EACH	£3.95

Elma Solvex RM & SE

Elma Solvex RM



Elma Solvex RM - Can proven technology be improved?

For watchmakers and service centres who prefer to clean without ultrasound

- TÜV and CE certified explosion-protection
- Maximum personnel and workshop safety due to connection of the machine to controlled exhaust air routing
- · Now with 4 cleaning chambers and one drying chamber (fine filter, warm air technology)
- Solvent based or semi aqueous cleaning
- · Completely automatic or with individually configurable parameters
- Service-friendly and easy-to-care for design
- · Basket frame for five baskets, optional holder for circuit boards
- · Wide range of practical accessories
- · Rotation counter current principle combined with oscillation cleaning
- 240 (UK) or 115 volt versions available
- Made in Germany

Machine Includes:

- Basket Lid, Ø64mm, Elma 1053496
- Jar x4. Elma 1049708
- Jar Lid x 4, Elma 1053139
- Wave Breaker x 4, Elma 1048417

Optional extras:

- Ø64mm Basket complete (C0386)
- Ø64mm Basket frame (R37674)
- Ø64mm Basket lid (C0386F)
- Ø64mm Tray (C0386E)
- Ø64mm Tray, Full Height (C0386E)
- Ø64mm 4 section tray (C0386C)
- Ø64mm 5 section tray (C0386D)

Ø64mm 9 section tray (R37670)

Dimensions:

- Ø525mm x 650mm (Height)
- 28.5Kg

Code	Description	иом	Price
R37629	Elmasolvex RM, 230 Volt	EACH	£3,375.00
R48551	Elmasolvex RM, 115 Volt	EACH	£3,375.00

Elma Solvex SE



Elma Solvex SE - Can a classic be invented again?

- TÜV-certified explosion safety
- Maximum personnel and workshop safety due to connection of the machine to controlled exhaust air routing
- Now with 4 cleaning chambers and one heating chamber (fine filter, warm air technology)
- Manual operation with latching in the working heights and above the media container positions
- Service-friendly and easy-to-care for design
- Basket frame for five baskets, optional holder for circuit boards
- Wide range of practical accessories; see accessories catalogue
- Rotation counter current principle
- 220 to 240 Volt (if you require a different voltage, please submit an online support request under products and stock - new item requests (excluding watch & clock parts by brand and movements)")
- CE marked
- · Made in Germany

Machine Includes:

- Basket Lid, Ø64mm, Elma 1053496
- Jar x4, Elma 1049708
- Jar Lid x 4, Elma 1053139
- Wave Breaker x 4, Elma 1048417
- Optional extras:

- Ø64mm Basket complete (C0386)
- Ø64mm Basket frame (R37674)
- Ø64mm Basket lid (C0386F) • Ø64mm Tray (C0386E)
- Ø64mm Tray, Full Height (C0386E)
- Ø64mm 4 section tray (C0386C)
- Ø64mm 5 section tray (C0386D)
- Ø64mm 9 section tray (R37670)

Dimensions:

- Ø500mm x 703mm (Height)
- 24Kg

Code	Description	UOM	Price
R37630	Elmasolvex SE	EACH	£1,695.00





Exhaust System (for RM & SE)

Elma Solvex - Exhaust System

Used with the Elma Solvex RM & SE, this essential piece of kit prevents potentially harmful fumes from escaping into your working environment as well as preventing any possible combustion of flammable cleaning fluid vapor.



- · Breaks down harmful and combustable fluid vapor
- Carbon activated filter

Code	Description	иом	Price
R37680	Exhaust Equipment with Activated Carbon Filter	EACH	£1,775.00

<u>Ø64mm Baskets & Fittings</u>

Elma Solvex - RM90 - Ø64mm Baskets & **Fittings**

This range of baskets and fittings can be used across Elma cleaning machine range.

- Used in Elma Solvex VA, RM & SE
- Used in Elma RM90
- Basket frame R37674 for RM & SE only
- For mini watch cleaning baskets/parts capsules see code R37658

Basket Complete

Elma 3000101101

Includes:

- 3 x Ø64mm baskets
- 1 x Ø20mm mini baskets



Code	Description	иом	Price
C0386	Basket Complete	EACH	£109.95

Basket Frame

Elma 1053071

- Elma Solvex RM & SE Only Ø64mm Basket Frame



Code	Description	иом	Price
R37674	Basket Frame	EACH	£18.50

Basket Lid

Elma 3000006018



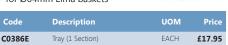
for Ø64mm Elma baskets

Code	Description	иом	Price
CU386E	Racket Lid	EACH	£0.85

Tray (1 Section)

Elma 3000006012







Tray (1 Section) Full Height

Elma 3000009104

- Height 40mm
- Ø60mm
- for Ø64mm Elma baskets



Code	Description	иом	Price
C0386B	Tray (1 Section) Full Height	EACH	£29.85

Tray (4 Section)

Elma 3000006013

- Height 15mm
- for Ø64mm Elma baskets

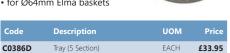


Code	Description	иом	Price
C0386C	Tray (4 Section)	EACH	£26.75

Tray (5 Section)

Elma 3000006014

- Height 15mm
- for Ø64mm Elma baskets



Tray (9 Section)

Elma 3000006015

• for Ø64mm Elma baskets



Code	Description	иом	Price
R37670	Tray (9 Section)	EACH	£32.95

<u>Ø64mm Movement Holder</u>

Elma Solvex - Ø64mm Movement Holder This range of baskets and fittings can be used across Elma cleaning machine range.

- Used in Elma Solvex RM & SE
- Used in Elma RM90

Movement Holder

Elma 3000006038

- for Movement Completes
- Up to 6 Movement Holders



EACH

£3.15

Code	Description	иом	Price
C4811	Movement Holder	EACH	£99.95

Movement Holder Clip

Elma 3000009378

C34695

• For Movement Holder C4811

Movement Holder Clip



Jars, Lids & Wavebreakers

Elma Solvex - Jars, Lids & Wavebreakers

A complete replacement range for the Elma Solvex RM/SE. You won't find anyone with more accessories or spare parts.

Jar Complete

Elma 1048418

Includes:

- Lid
- Wavebreaker
- Seal
- 600ml



Code	Description	иом	Price
R37675	Jar Complete	EACH	£44.95

Jar with Wavebreaker

Elma 1049708

- lar
- Wavebreaker
- 600ml



Code	Description	иом	Price
R37676	Jar with Wavebreaker	EACH	£32.95

Jar Lid

Elma 105 3139

· Lid only



Code	Description	иом	Price
R37677	Jar Lid	EACH	£3.50

Jar Seal

Elma 1052559

Jar Seal



Code	Description	иом	Price
R37678	Jar Seal	EACH	£7.95

Wavebreaker

Elma 1048417

Wavebreaker



Code	Description	UOM	Price	
R37679	Wavebreaker	EACH	£7.75	



Fuse

- Fuse for Solvex RM & SE
- 5 x 20mm



Code	Description	иом	Price
F49169	Fuse for Solvex RM & SE	EACH	£3.95

SPARES FOR ELMA & SUPER ELIT

Elma RM90 Spares



The historical flagship RM90 Cleaning machine has been replaced by the new Elma Solvex RM (R37629)

Below are replacement spare part for the old

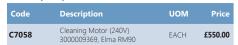
Cousins, Elma's Principle UK Distributor

Cleaning Motor (240V) 3000009369, Elma RM90





 Cleaning Motor • RM90 (240v)



Cork Gasket for Jar, Ø95mm (3 hole) 3000009274, Elma **RM90**



- Ø2mm hole
- 3mm thick
- · with 3 smaller holes

Code	Description	UOM	Price
C9215	Cork Gasket for Jar, Ø95mm (3 hole) 3000009274, Elma RM90	EACH	£3.45



Cork for Main Drive Shaft (Part1) 3000009275, Elma **RM90**

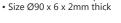


- Size Ø95mm
- Ø30mm hole
- 3mm thick
- Part 1

Code	Description	иом	Price
C7062	Cork for Main Drive Shaft (Part1) 3000009275, Elma RM90	EACH	£4.45

Cork Ring for Jar 3000009054, Elma **RM90**





Code	Description	иом	Price
C4303	Cork Ring for Jar 3000009054, Elma RM90	EACH	£1.95

Cork Press Ring (Part 2) 3000009270, Elma **RM90**

- Size Ø93 x 10 x 8mm thick
- Part 2



Code	Description	иом	Price
C7063	Cork Press Ring (Part 2) 3000009270, Elma RM90	EACH	£5.85

Coupling Disk, 4000008115, Elma **RM90**

- 4 Hole washer
- Size 20mm Ø x 4mm thick
- Elma RM90

Code	Description	иом	Price
C7061	Coupling Disk, 4000008115, Elma RM90	EACH	£5.95

Fuse for RFI Board 200000092, Elma **RM90**

• Radio interference board fuse



Code	Description	иом	Price
C0386G	Fuse for RFI Board 2000000092, Elma RM90	EACH	£3.00





Grub Screw 800000073, Elma **RM90**

- Size M4 x 5mm
- Elma RM90



Code	Description	иом	Price
C9675	Grub Screw 8000000073, Elma RM90	EACH	£2.75

Heating Plate (Element) 3000009121, Elma **RM90**

• Ø80mm



Code	Description	UOM	Price
C7059	Heating Plate (Element) 3000009121, Elma RM90	EACH	£38.95

Micro Switch 3000010411, Elma **RM90**

- RM90



Code	Description	иом	Price
222007	Micro Switch 3000010411, Elma RM90	EACH	£18.95

Motor for Lifting 3000009297, Elma **RM90**

- Elma 3000009297
- Motor for Lifting
- RM90



Operation Switch 3000009337, Elma **RM90**

- Elma 3000009337
- Operation Switch
- RM90

Code	Description	иом	Price
C7060A	Operation Switch 3000009337, Elma RM90	EACH	£13.95

PCB Board 3000006040, Elma **RM90**

- Elma 3000006040
- Printed Circuit Board • RM90
- Code Description Price PCB Board 3000006040, Elma RM90 C22234 £89.95

RFI Filter Circuit 3000010234, Elma **RM90**

- Radio Interference Filter Circuit
- Models since 06/2001
- RM90

Code	Description	иом	Price
C32760	RFI Filter Circuit 3000010234, Elma RM90	EACH	£85.00

Speed Control Switch 3000009450, Elma **RM90**

- Elma 3000009450
- Speed Control Switch
- RM90

Code	Description	иом	Price
C7060	Speed Control Switch 3000009450, Elma RM90	EACH	£15.95

Tension Spring 3000009287, Elma **RM90**



- Tension Spring
- RM90

Code	Description	UOM	Price
C22008	Tension Spring 3000009287, Elma RM90	EACH	£18.65

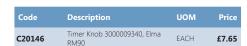
Timer 3000009342, Elma RM90

- Elma 3000009342
- Timer
- RM90

Code	Description	иом	Price
C30610	Timer 3000009342, Elma RM90	EACH	£84.25

Timer Knob 3000009340, Elma **RM90**

- Elma 3000009340
- Timer Knob
- RM90







See Page 788





Elma Super Elite Spares



The workshop favourite Elma Super Elite cleaning machine has been replaced by the new Elma Solvex SE (R37630).

Below are replacement spare part for the old Super Elite cleaning machines.

Cousins, Elma's Principle UK Distributor

Cork Gasket for Motor Bracket on Super Elite, Elma 3000009022



- Elma 3000009022
- Cork Gasket for Motor Bracket
- Super Elite

Code	Description	иом	Price
C33417	Cork Gasket for Motor Bracket on Super Elite, Elma 3000009022	EACH	£6.95

Heater Switch, Elma Super Elite 3000009035



- Heater Switch
- Super Elite
- Super Elite

Code	Description	иом	Price
C8661	Heater Switch, Elma Super Elite 3000009035	EACH	£11.75

Pilot Bulb, Elma Super Elite 3000009042



- Elma 3000009042
- Pilot Bulb
- Super Elite
- 28mm overall length.

Code	Description	иом	Price
C8406	Pilot Bulb, Elma Super Elite	EACH	£9.95

Jars, Lids & Spares, Elma (RM90 & Super Elite)

Jar, Elma 30000009052

- Elma 30000009052
- Jar (without Lid)
- Outside rim 88.5mm
 DM00.8: Support Flits





Code	Description	иом	Price
C0384	Jar, Elma 30000009052	EACH	£15.50

Jar Lid, Elma 300009762

- Elma 300009762
- Jar Lid
- RM90 & Super Elite
- Supplied with cork gasket (Item reference: C4303)

Code	Description	UOM	Price
C5235	Jar Lid, Elma 300009762	EACH	£7.50

Movement Vibration Holder, Elma 3460000002

- Elma 3460000002
- Movement Complete
 Vibration Attachment
- Up to 6 Movement Holders
- RM90

Code	Description	иом	Price
C8907	Movement Vibration Holder, Elma 3460000002	EACH	£152.95

GREINER WATCH CLEANING

Greiner ACS900 Cleaning Machine

An industry favourite and still a best seller - Fully automatic with Ultrasonic

Cousins incorporates a full set of Ø60mm baskets and accessories with multiple tray configurations, as well as movement holders and fittings, with this machine. A complete list is available below.

- Fully automatic operation, simple to set up and use
- Ultrasonic function
- Programmable cycle memories
- Totally independent controls & fully enclosed mechanism
- Quiet and smooth running
- All metal housing, uncompromised swiss build quality
- 20 piece basket/accessory kit
- 4 jar system & drying position
- Manufacturers one year guarantee
- 425 x 425 x 565mm (L x D x H), weight 31Kg
- 220 to 240 Volt (if you require a different

voltage, please submit an online support request under "products and stock – new item requests"

The Greiner ACS900 has many practical features which includes a multi-memory function enabling the user to simply repeat a choice of personally programmed cycles according to regular work type and flow with preferred or favourite settings. Conversely the operator has complete control if required to run a full or part cycle and action exactly as desired by simply entering independent settings at the beginning to bypass a memory function

The Greiner will still automatically proceed through the programme you have chosen. The detailed instructions reveal the machines full potential, in particular the universal flexibility of the 4 jar system modified here so that you can organize the purpose of each jar and its running duration, this can be achieved via both a memory cycle you have already stored in the data bank, or by independent programme entry per jar at the start of the event.

Accessories Included:

- Ø64mm Basket complete including:
- Basket holder, Greiner 17901 (C12182)
- Basket frame, Greiner 17092 (C12183)
- Basket lid, Greiner 17132 (C12184)
- Tray, Open Ø64mm, Greiner 17129 (C12185)
- Tray, 4 partitions Ø64mm, Greiner 17128 (C12186) x 2
- Tray, 5 Partitions Ø64mm, Greiner 17127 (C12187)
- Ø64mm Movement holder complete including:
- Movement holder support, Greiner 17122 (C12188)
- Three movement holder (Horizontal), Greiner 17123 (C12189) x 5
- Other accessories included:
- Coupling for basket holder (for Ø64 & Ø80mm basket holders), Greiner 17190 (C32097)
- Ultrasonic tank, Greiner 17142
- Glass jar, Greiner 17135 (C8860A) x 3
- Glass jar lid, Greiner 17136 (C12170) x 4
- Mini basket Ø20mm, Greiner 17131 (C12181)
- Parts capsule, Greiner 17134 (C12180)
- \bullet Wavebreaker, Greiner 17938 (C12171) x 3
- Us-Oscillator circuit 230V, Greiner 17102 (C47526)

Greiner ACS900 Ultrasonic Cleaning Machine





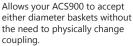
Cousins incorporates a full set of baskets and accessories for 60mm and 80mm basket and tray configurations, as well as a movement holder and

fittings, with this machine. With reliability plus durability being synonymous with the Greiner name this will make it a wise financial investment for the workshop, on top of the knowledge and satisfaction that you have bought the best.

Code	Description	иом	Price
C8860	Greiner ACS900 Ultrasonic Cleaning Machine	EACH	£7,995.00

Basket Holder (Ø64mm & Ø80mm)

Universal holder coupling, will attached both Ø64mm & Ø80mm basket holders.





- Aluminium
- For attachments 17091, 17098 & 17122

Code	Description	ИОМ	Price
C32097	Holder Coupling Ø64mm & Ø80mm, Greiner 17190	EACH	£129.95

<u>Ø64mm Basket & Fittings</u>

Basket Holder, Greiner 17091

- Greiner ACS900
- Ø64mm Basket Support
- Upper compression head and basket frame holder



Basket Frame. **Greiner 17092**

- Greiner ACS900
- Ø64mm Main Basket Holder Frame



Code	Description	иом	Price
C12183	Basket Frame, Greiner 17092	EACH	£44.95

Basket Lid (Mesh), Greiner 17132



• Greiner ACS900

746

- Ø64mm mesh basket lid
- Flat mesh lid for Ø64mm fitting

Code	Description	иом	Price
C12184	Basket Lid (Mesh), Greiner 17132	EACH	£13.50

Tray (1 Section) Ø64mm, Greiner 17129

- Greiner ACS900
- Ø64mm 1 section tray (no partitions)
- Height 14mm

Code	Description	иом	Price
C12185	Tray (1 Section) Ø64mm, Greiner 17129	EACH	£20.95

Tray (4 section) Ø64mm, Greiner 17128

- Greiner ACS900
- Ø64mm 4 section trav
- · Height 14mm

Code	Description	иом	Price
C12186	Tray (4 section) Ø64mm, Greiner 17128	EACH	£25.50

Tray (5 Section) Ø64mm, Greiner 17127

- Greiner ACS900
- Ø64mm 5 section tray
- · Height 14mm

Code	Description	иом	Price
C12187	Tray (5 Section) Ø64mm, Greiner 17127	EACH	£33.95

Ø64mm Movement **Holder & Fittings**

Movement Holder Support, Greiner

17122

- Greiner ACS900
- Ø64mm
- Upper mounting head
- · Holder shaft for movement holders
- · Stackable holders required 17123 (C12189)

Code	Description	иом	Price
C12188	Movement Holder Support,	EACH	£45.95

Movement Holder (Horizontal) Ø64mm, Greiner 17123



Spring loaded clamping device for holding complete movements or part disassembled movement plates

- Greiner ACS900
- · Horizontal movement holder
- For 3 movements
- Ø64mm movement holder
- Stackable holders
- Requires item 17122 (C12188)

Code	Description	иом	Price
C12189	Movement Holder (Horizontal)	EACH	£14.95

Movement Holder (Vertical) Ø64mm, Greiner 17137

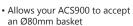
Spring loaded clamping device for holding complete movements or part disassembled movement plates. • Greiner ACS900

- · Vertical movement holder
- · For 6 movements
- Ø64mm movement holder

Code	Description	UOM	Price
M35424	Movement Holder (Vertical) Ø64mm, Greiner 17137	EACH	£195.00

<u>Ø80mm Basket & Fittings</u>

Ø80mm Holder Coupling, Greiner 17099

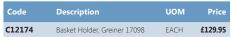


For attaching Ø80mm basket Holder 17098

Code	Description	иом	Price
C32062	Ø80mm Holder Coupling, Greiner 17099	EACH	£159.95

Basket Holder, Greiner 17098

- ACS 900
- Ø80mm basket holder
- · Compression head and basket frame holder



Basket Frame, Greiner 15853

- ACS900
- Ø80mm main basket holder frame



Code	Description	UOM	Price
C12179	Basket Frame, Greiner 15853	EACH	£164.95

Basket Lid (Mesh), Greiner 15852

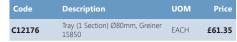
- ACS900
- Ø80mm mesh basket lid
- Flat mesh lid for Ø80mm fitting

Code	Description	иом	Price
C12175	Basket Lid (Mesh), Greiner 15852	EACH	£20.95

Tray (1 Section) Ø80mm, Greiner 15850



- Ø80mm 1 section tray (no partitions)
- Height 10mm







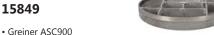
Tray (4 Section) Ø80mm, Greiner 15851



- Greiner ASC900
- Ø80mm 4 section tray
- Height 10mm

Code	Description	UOM	Price
C12177	Tray (4 Section) Ø80mm, Greiner 15851	EACH	£49.95

Tray (8 Section) Ø80mm, Greiner 15849



- · Ø80mm 8 section tray
- · Height 10mm

Code	Description	иом	Price
C12178	Tray (8 Section) Ø80mm, Greiner 15849	EACH	£64.95

Tray (12 Section) Ø80mm, Greiner 15848



- Greiner ASC900
- Ø80mm 12 section tray
- · Height 10mm

Code	Description	иом	Price
С8860В	Tray (12 Section) Ø80mm, Greiner 15848	EACH	£89.95

Exhaust Tube 20 -100cm, Greiner 17106

- 20cm extends to 100cm
- Internal diameter Ø100mm
- External diameter Ø108mm



Code	Description	иом	Price
C37190	Exhaust Tube 20 - 100cm, Greiner 17106	EACH	£37.95

Exhaust Tube 50-250cm, Greiner 17107

- 50cm extends to 250cm
- Internal diameter Ø100mm
- External diametere Ø108mm



Code	Description	UOM	Price
C37191	Exhaust Tube 50-250cm, Greiner 17107	EACH	£59.95

Exhaust Tube Clamp, Greiner 17108

Includes Screws



Code	Description	иом	Price
C37192	Exhaust Tube Clamp, Greiner	EACH	£7.60

Glass Jar Lid

- Glass Jar Lid
- Greiner ACS900



Code	Description	иом	Price
C12170	Glass Jar Lid	EACH	£14.95

Glass Jar Wavebreaker, Greiner 17938

- ACS900
- Height 80mm Approx.
- Coarse mesh baffle to reduce fluid swirl



Code	Description	UOM	Price
C12171	Glass Jar Wavebreaker, Greiner 17938	EACH	£39.95

Vibrograph Fuses, 9561.630A001-900000



- 9561.630A001-900000
- Greiner (T630MA)

Code	Description	иом	Price
W7726	Vibrograph Fuses, 9561.630A001-900000	EACH	£4.95

Circuit Board

ACS900 Circuit

Greiner 17102

- · Circuit board for Greiner ACS900
- US-Oscillator circuit
- 230 Volt



Code	Description	иом	Price
C47526	ACS900 Circuit	EACH	£795.00

Exhaust Tube Connection Piece & Screws, Greiner 17105



Code	Description	UOM	Price
C37193	Exhaust Tube Connection Piece & Screws, Greiner 17105	EACH	£29.95

WATCH CLEANING MINI BASKETS



Watch cleaning baskets are perfect for holding small watch parts in ultrasonic and steam cleaning machines.

- These two piece stainless steel baskets either screw tightly together or have a lid that sits on top to avoid the loss of small parts, while the mesh screens allow the cleaning solution to filter through the container cleaning the parts
- These small parts basket will hold screws, gemstones, watch parts, and other small items allowing you to immerse and clean them thoroughly without fear of losing them

Exhaust System (for ACS900)

Exhaust tubing system for the Greiner ACS900

Simply attach either size flexible tube to the vent on the top of the machine using the tube clamp, and the fumes will evaporate along the tube, out of your workshop.

- 2 sizes of expandable, flexible tubing available
- 20cm extends to 100cm
- 50cm extends to 250cm
- Internal diameter both Ø100mm
- External diameter both Ø108mm
- · Clamp available separately (see code C37192)



Jars, Lids & Wavebreakers (ACS900)

Glass Jar

- Greiner 17135
- Ø105 x 175mm Height



Code	Description	иом	Price
C8860A	Glass Jar	EACH	£38.95



<u>Bergeon Mini Baskets</u>

- · Bergeon Swiss miniature baskets for holding small components
- · Will fit into most cleaning machines or ultrasonic tanks
- Screw together top and bottom
- · Available in 2 sizes



Ø16 x 12mm Mini Baskets, Bergeon

- Bergeon 4734
- Swiss Made
- Screw together top and bottom
- Height 12mm



Code	Description	иом	Price
C0388	Ø16 x 12mm Mini Baskets, Bergeon	EACH	£20.95

Ø23 x 13.5mm Mini Baskets, Bergeon

- Bergeon 4735
- Swiss Made
- Screw together top and bottom
- Height 13.5mm



Code	Description	иом	Price
C0389	Ø23 x 13.5mm Mini Baskets, Bergeon	EACH	£20.95

Elma Mini Baskets

- Elma Baskets
- Non-screw lid
- Will fit into most cleaning machines or ultrasonic tanks

Ø20 x 11.5mm Mini Basket & Lid

- For Elma Solvex VA
- Elma 105 3026



Code	Description	иом	Price
R37658	Ø20 x 11.5mm Mini Basket & Lid	EACH	£18.50

Ø20 x 13mm Mini Basket & Lid, Elma

- Elma (3000006016 & 3000006017)
- Ø20 x 13mm
- Non-screw lid



Code	Description	иом	Price
C0387	Ø20 x 13mm Mini Basket & Lid, Elma	EACH	£18.50

Online Discounts



Greiner Mini Baskets

• Will fit into most cleaning machines or ultrasonic tanks

Ø20 x 13mm Mini Basket, Greiner 17131

- Greiner
- Ø20 x13mm
- Stainless steel mesh container and lid for small parts

Code	Description	иом	Price
C12181	\emptyset 20 x 13mm Mini Basket, Greiner 17131	EACH	£24.75

Ø22 x 6mm Parts Capsule, Greiner 17134

- Greiner
- Ø22 x 6mm
- Acid resistant plastic container and lid for small parts



Greiner

Greiner

Code	Description	иом	Price
C12180	Ø22 x 6mm Parts Capsule, Greiner 17134	EACH	£11.50

Indian Mini Baskets

• Will fit into most cleaning machines or ultrasonic tanks

Ø16 x 16mm Mini Basket

• Screw lid



Code	Description	иом	Price
B36258	Ø16 x 16mm Mini Basket	EACH	£1.95

Ø21 x 11mm Mini Basket

• Lid sits on top of basket



Code	Description	иом	Price
B36259	Ø21 x 11mm Mini Basket	EACH	£1.95

Watchmakers Specialist Tweezers See Page 1037

Ø24 x 24mm Mini Sphere

• Screw lid



Code	Description	иом	Price
B36464	Ø24 x 24mm Mini Sphere	EACH	£1.95
	Price breaks available, see website		

WATCH ROTA-TION (STORING) & SOLAR MACHINES

Being able to keep you automatic watch running whilst in storage not only keeps it fully wound but is also integral to keeping the watch healthy. Preventing build up & gumming of oils, dust or sediment means your watch will be in full working order the moment you put it on your wrist. If you own or sell any complicated watches (such as watches with an eternal calender, these rotation machines mean readjustment prior to wearing unnecessary.

Now also available from Cousins, solar watch boxes. Solar watches are ever more popular and with these smart storage machines, the watches you sell (or wear) will be charged and ready to go the moment you want to wear it.

Elma Cyclomatic Duo



Rotation Machine - Elma - Cyclomatic Duo

- 2 watch capacity auto watch winder.
- Dimensions: 190 x 160 x 110mm
- Protects stored automatic watches
- Battery or optional mains operationPre-programmed rotation modes
- Window display potential

Code	Description	иом	Price
R4704	Cyclomatic Duo Rotation Machine, Elma 3720100000	EACH	£249.95





Watch Rotation & Storage, Japanese



- · Rotates clockwise or anticlockwise
- · Ultra quiet motor
- · Superb carbon fibre look
- 145 x 145 x 150mm
- Supplied with presentation box
- Made in Japan

Code	Description	UOM	Price
W40314	Watchwinder, Japanese	EACH	£64.95

Solar Watch Charging & Storing



Now also available from Cousins, solar watch boxes. Solar watches are ever more popular and with these smart storage machines, the watches you sell (or wear) will be charged and ready to go the moment you want to wear it.

- Hold up to 3 watches
- Wooden finish
- Velvet lined
- Sealed edges mean no light will escape
- 3 LED lights, each with individual switches
- · Supplied with presentation box
- 700g

Code	Description	UOM	Price
W40315	Solar Watch Charging Box	EACH	£59.95



Watch winders for service workshops, watchmakers and manufacturers

Watch winders are used both for the

manufacturing and for the servicing and maintenance of automatic watches. The units simulate the wearing of the watch on the wrist and test and carry out the winding of the

Bergeon Rotation Machine

Rotation Machine - Bergeon - New Style Machines for testing: FINAL-TEST

- 1 or 4 revolutions per minute (RPM)
- Bergeon Swiss
- For testing the working of watches
- · For winding automatic watches
- For checking mechanical parts of quartz watches
- Especially the calendar mechanism
- Can be used in horizontal or vertical position
- For 6 watches with bracelets or without bracelets
- New foam fixing straps
- Bergeon 7802 & 7803
- 230 or 115 Volt

Dimensions:

- Overall diameter: Ø300mm
- Base diameter: Ø160mm
- 110mm tall
- Weight: 2Kg

1RPM Rotation Machine, 230 Volt



- Bergeon 7802.220
- 6 Arm (6 clamps)
- · Winds automatic watches for testing
- 1 Revolution per minute
- Can be used in horizontal or vertical position For 6 watches with or without bracelets or straps
- 230 volt

Dimensions:

- Overall diameter: Ø300mm
- Base diameter: Ø160mm
- 110mm tall
- Weight: 2Kg

Code	Description	иом	Price
R39969	1RPM Rotation Machine, 230 Volt	EACH	£485.00

1RPM Rotation Machine, 115 Volt



• Bergeon 7802.115

- 6 Arm (6 clamps)
- · Winds automatic watches for testing
- 1 Revolution per minute
- Can be used in horizontal or vertical position
- For 6 watches with or without bracelets or straps
- 115 volt

Dimensions:

- Overall diameter: Ø300mm
- Base diameter: Ø160mm
- 110mm tall
- · Weight: 2Kg

Code	Description	UOM	Price
R48649	1RPM Rotation Machine, 115 Volt	EACH	£499.95

4RPM Rotation Machine. 230 Volt



- Bergeon 7803.220
- 6 Arm (6 clamps)
- · Winds automatic watches for testing
- 4 Revolutions per minute
- Can be used in horizontal or vertical position
- For 6 watches with or without bracelets or straps
- 230 volt

Dimensions:

- Overall diameter: Ø300mm
- Base diameter: Ø160mm
- 110mm tall
- Weight: 2Kg

Code	Description	иом	Price
R39968	4RPM Rotation Machine, 230 Volt	EACH	£485.00

4RPM Rotation Machine 115 Volt



- Bergeon 7803.115
- 6 Arm (6 clamps) Winds automatic watches for testing
- 4 Revolutions per minute
- Can be used in horizontal or vertical position
- For 6 watches with or without bracelets or straps
- 115 volt

Dimensions:

- Overall diameter: Ø300mm
- Base diameter: Ø160mm
- 110mm tall
- Weight: 2Kg

Code	Description	UOM	Price
R48650	4RPM Rotation Machine 115 Volt	EACH	£499.95



Elma Cyclomatic 12 Arm



Rotation Machine - Elma - Cyclomatic - 12 Arm For winding and testing of automatic watches.

Features: • 12 arms with clips

- · 12 arms with clips
- \bullet 6 rotations of 360° per minute
- Geared 'rolling' action of all 12 arms
- Table or wall mountable
- Spare clips also available (code R4706 or R4706A)
- Dimensions approx: 420 x 200 x 200mm

Code	Description	иом	Price
R4705	Cyclomatic 12 Arm Rotation Machine, Elma 3340000000	EACH	£745.00
R4706	Clip, Elma 3000006067	EACH	£10.95
R4706A	Clip with Arm, Elma 3000006066	EACH	£10.50
R7653	Mains Transformer, Elma 3346000000	EACH	£24.95
R32432	Synchronous Motor with Gear, Elma 1016118	EACH	£260.00

Elma Cyclomotion



Rotation Machine - Elma Cyclomotion

Watch winders for service workshops, watchmakers and manufacturers

Watch winders are used both for the manufacturing and for the servicing and maintenance of automatic watches. The units simulate the wearing of the watch on the wrist and test and carry out the winding of the watch

The new Elma Cyclomotion boasts a number of new features. The unit is not only capable of winding very large and heavy watches, but can also change the sense of rotation. By means of a specialized clip, mechanical watch works that need to be winded in one direction only can be tested. On a unit which is

equipped with the right combination of clips, watch works that wind up in one or both directions can be wound simultaneously. Depending on the set speed (1 or 4 rpm), both permanent tests or quick windingsare an option.

The Cyclomotion is controlled via soft touch keys on the front.

The high quality standard shows not only through the casing, the simple handling, the stability and the innovative plastic-coated clips, but also through the virtually silent yet powerful motor which has an integrated safety clutch and so efficiently protects both unit and watches in case of an unintendedreaching inside.

A special feature is the optional "Protector" cover. It can be closed to protect the watches against dustand mechanical damage. The cover is opened via two quarter shells actuated synchronously in damping springs.

Most Popular Model: R32730

Click website "More Information" & "PDF's" for full specification.

Code	Description	ООМ	Price
R32729	Cyclomotion 12 Watches without Protective Cover - Elma 1035171 + 1035190 (x6)	EACH	£1,195.00
R32730	Cyclomotion 24 Watches without Protective Cover - Elma 1035171 + 1035192 (x6)	EACH	£1,395.00
R32731	Cyclomotion 12 Watches with Protective Cover - Elma 1035170 + 1035190 (x6)	EACH	£2,100.00
R32732	Cyclomotion 24 Watches with Protective Cover - Elma 1035170 + 1035192 (x6)	EACH	£2,232.00
R32733	Cyclomotion without Protective Cover, without Clips - Elma 1035171	EACH	£1,100.00
R32734	Cyclomotion with Protection Cover, without Clips - Elma 1035170	EACH	£1,920.00
R32735	Clip for 2 Wristwatches - Elma 1035190	EACH	£41.95
R32736	Clip for 4 Wristwatches - Elma 1035192	EACH	£55.50
R32737	Clip for 2 Wristwatches, Left / Right - Elma 1035359	EACH	£41.95
R32738	Clip for 4 Wristwatches, Left / Right - Elma 1035360	EACH	£55.50
R32739	Clip for 4 Wristwatches without Straps Elma 1035361	EACH	£89.60
R32740	Wall Mount, Elma 1035701	EACH	£39.20
R40223	Watch Box, Elma 1053528	EACH	£94.95

Italian 6 Arm



Rotation Machine - Italian

- 6 Arm, 6 Clamps
- To be used horizontally.
- Capacity 6/12 watches
- 4 revolutions per minute with each arm turning on gears

Code	Description	иом	Price
R1467	Italian Rotation Machine	EACH	£369.95
R1468A	Clip, Italian	EACH	£14.95
R1468	Clips, Italian (Set of 6)	PACK*6	£65.60

WATCH TEST-ING (MECHANI-CAL & QUARTZ)

Witschi Analyzer Twin



Witschi - Analyzer Twin - Microphone Included

A combined tester for both quartz and mechanical watches

This measurement and testing instrument includes all the tests associated with quartz watches as well as all the tests required for mechanical watches, combined in one machine.

It is the ideal test instrument for the repair service, the lab or watch sale outlets. Basic functions and measurement sequences, largely automated, provide a fast and efficient operation. Additional measurement modes provide a way to measure watches with special escapements.

Quartz specification:

- Rate precision: +/- 0.1s/d
- Rate range: +/- 300s/d
- Rate resolution: 0.1s/d
- Vibration range: From 12600 to 43200
- Measurement time: 2s to 960s

Mechanical specification:

- Rate: +/-0.1 second per day
- Amplitude: +/- 0.4°
- Beat error: +/- 0.1ms
- Rate range: +/- 300s/d
- Amplitude range: 80° to 360°
 Beat error range: 0 to 9.9ms

beat entor range. o t

- The "all-in-one" concept requires a very small work
- High operating comfort, functional control panel with large LCD screen
- Measurement over the quartz frequency, signal sensing acoustical, capacitive or over the supply current
- Measurement over the motor pulses, magnetically signal sensing or over the supply voltage
- Measurement over the LCD-operating frequency (binary display frequencies)
- Includes contact probes and wires
- Include microphone
- Language can be set in English, French or German
- Measurement parameters can also be manually selected according to requirements. The main menu, results, parameters, submenus and information are presented on a colour display
- 220 to 240 Volt (if you require a different voltage, please submit an online support request under "products and stock – new item requests (excluding watch & clock parts by brand and movements)")

Also available

- Printer = Product Code P15224 or P38415
- Microphone = Product Code T12040
- Replacement power adapter = Product Code M32301

Officially Appointed Witschi Distributor

Click website "More Information" & "PDF's" for full specification.

For service, calibration & repairs of items inside and outside of the warranty period please submit a quote request via our online support under products &

stock - product advice and repairs - Witschi equipment calibration

Code	Description	иом	Price
W34907	Witschi Analyzer Twin	EACH	£4,795.00

WATCH TESTING (MECHANICAL)

TYMC MTG-4000A



- Accurate to +/- 1 second per day
- · Power pack supplied
- 7 inch LCD colour screen display
- 480 dot display
- Pre programmable testing

Manufactured by TYMC

- New watch timing & testing equipment
- Improved measurement performance
- 7" inch large colour LCD screen
- Calendar / time display function
- High precision printing function
- For professional service centres and individual workshops

Technical Specification:

- Rate: -300 s/d +300 s/d (Accuracy +/-1s/day)
- Amplitude: 100°- 345° (Accuracy : +/-3°)
- Beat error: 0 4.0 ms (Accuracy: +/-0.1ms)
- Beat (Trains): 18000, 19800, 21600, 25200, 28800,
- Microphone has 6 testing positions
- Mains 110v & 240v versions
- · Weight 1.4kg
- Dimension: 260mm x 170mm x 120mm
- · PDF operators manual
- Power range 100 to 240 volt (can be used either at 240 volt or 115 volt)

Code	Description	UOM	Price
T33493	MTG-4000A Mechanical Watch Timing Machine, 240V	EACH	£675.00
T34254	MTG-4000A Mechanical Watch Timing Machine, 110V	EACH	£660.00
T34403	MTG-PM Thermo-Direct Printer, 240V	EACH	£210.00
T34404	MTG-PP Thermo-Direct Printer Paper	EACH	£2.15

Repair Job Envelopes

See Page 1198

TYMC MTG-5000A



- Accurate to +/- 0.2 seconds per day
- Power pack built in
- Dual display, 7 inch LCD colour screen
- · 480 or 960 dot display
- Pre programmable testing

The MTG-5000 is used to test the performances of mechanical watches, and is the most advanced model in the MTG series with a higher test accuracy and more powerful functionality.

Manufactured by TYMC

- · New watch timing & testing equipment
- · Improved measurement performance, accurate to 0.2 seconds per day
- 5 testing modes
- · 960 dot display giving an extraordinarily long diagram of beat
- Numerical values for rate, amplitude and beat error all displayed
- · Pause & shift function, allowing in testing review
- · Long term (32 hour) monitoring mode
- Built in power pack
- 7" inch large colour LCD screen
- Two window display testing
- Calendar / time display function High precision printing function
- For professional service centres and individual workshops
- Printer: Cousins ref T34403
- Power range 100 to 240 volt (can be used either at 240 volt or 115 volt)

Technical Specification:

- Rate: -99.9 s/d +99.9 s/d (Accuracy = +/-0.2 seconds per day)
- Amplitude: 100°- 345° (Accuracy: +/-3°)
- Beat error: 0 4.0 ms (Accuracy : +/-0.1ms)
- Beat (Trains): 18000, 19800, 21600, 25200, 28800,
- · Length of diagram either 480 or 960 dots
- Microphone has 6 testing positions
- · Horizontal or vertical display
- Mains 240v
- Weight 1.4kg
- Dimension: 250mm x 200mm x 130mm
- Extensive PDF operators manual

Code	Description	UOM	Price
T39016	MTG-5000A Mechanical Watch Timing Machine, 240V	EACH	£850.00

TYMC MTG-5000HG



Manufactured by TYMC

Kit includes:

- Timegrapher MTG5000H
- Automatic Microphone
- Printer

Tester specifications:

- High definition colour display
- Can test beats 18000, 19800, 21600, 28800 & 36000
- Accuracy: + / 0.2 seconds per day
- Amplitude measurement: 100 to 345 degrees (+ / 3 degrees)
- Beat error measurement: 0 to 4ms (+ / 0.1ms)
- 480 or 960 dot display
- 1920 beats stored
- 250 x 190 x 160mm (H x W x D)
- 7 inch LCD screen
- Power range 100 to 240 volt (can be used either at 240 volt or 115 volt)

Automatic microphone specifications:

- 3 speeds
- 6 positions
- Will rotate automatically or can be changed by hand
- Printer paper see code T34404

Code	Description	иом	Price
W40362	MTG-5000HG Testing System	EACH	£1,395.00
W41142	Paper for MTG5000HG Printer	EACH	£3.95

TYMC MTG-9900A



The latest and greatest in breakthrough TYMC technology

Kit includes:

- Timegrapher MTG9900A, with touch screen
- · Automatic microphone
- · Automatic heat sensitive printer

Tester specifications:

- · New touch screen, high definition LCD colour display
- Increased number of testable beats: 1200, 14400, 18000, 19800, 21600, 25200, 28800 & 36000 (can be selected automatically or manually)
- Accuracy: + / 1 second per day
- Amplitude measurement: 90 to 350 degrees (+ / 3 degrees)
- Beat error measurement: 0 to 4ms (+ / 0.1ms)
- Up to 1600 dot display, giving you maximum testing and accuracy results
- · Can test co-axial watches
- 190 x 190 x 135mm (H x W x D)
- 150 x 70mm LCD touch screen
- Replacement printer paper see code T34404
- Power range 100 to 240 volt (can be used either at 240 volt or 115 volt)

Automatic microphone specifications:

- 3 speeds
- 6 positions
- Will rotate automatically or can be changed by hand

• 140 x 120 x 200mm (H x W x D)

See documents and video links for further information

Code	Description	иом	Price
T45599	MTG 9900A Testing System	EACH	£995.00



See Page 139

Witschi Chronocube



Witschi - Chronocube

Insert watch, contact sensor, job done. The Witschi Chronocube is designed to offer fast testing results that are easy to read & display in a retail environment (or workshop). This device enables you to easily and clearly demonstrate the accuracy of a mechanical watch (brand new, repaired or serviced) to your customer ensuring customer satisfaction everytime as well as driving sales. The results can be displayed on your existing PC or tablet screen, either in a classic test display mode or the new "sport" user friendly interface.

- Simple testing system that can be used is workshop or retail environment
- Compact, sleek & elegant design
- You have a choice of three colours and either "CLASSIC" or "SPORT" results display
- Connects to your computer via USB interface
- Install the Witschi software on your PC, plug in the Chronocube and you are ready

Features:

- Measures rate variation, amplitude and beat error in mechanical watches
- 5 measuring positions manually selectable (the measuring position is detected automatically and displayed on your computer screen)
- Automatic beat detection between 12,000 and 72,000
- The Chronocube consists of a measuring device and software, no parametrisation is necessary
- Choice of user interfaces: You have a choice of two user interfaces, "classic" and "sport"
- Three colours: The Chronocube is available in aluminium, steel and ruby
- Language selection: English, French, German, Spanish or Italian

Specification:

- Rate precision: +/- 0.1s/d (range +/- 999s/d)
- Amplitude precision: +/- 0.4° (range 80° to 360°)
- Beat error precision: +/- 0.1ms (range 0 to 9.9ms)
- Vibration range: 12,000 to 72,000
- Lift angle: 10° to 90° (1° jumps)
- Stabilization time: 20 seconds
- Measure time: 1 hour maximum
- Measuring positions: 5
- 110 x 110 x 115mm (width x height x depth)

Click website "More Information" & "PDF's" for full specification.

For service, calibration & repairs of items inside and outside of the warranty period please submit a quote request via our online support under products & stock - product advice and repairs – Witschi equipment calibration

Code	Description	иом	Price
W36034	Aluminium Chronocube	EACH	£1,285.00
W36032	Red Chronocube	EACH	£1,285.00
W36033	Steel Chronocube	EACH	£1,285.00

Witschi Chronoscope S1 (G2)



Witschi - Chronoscope S1 (G2) - Generation 2 - With or without microphone

- Either supplied with standard microphone (T12040) or on its own
- Generation 2 Chronoscope S1 with capacitive touch screen
- Automatic microphone available (Witschi micromat S): W34910
- Printer available: P15224 or P38415
- Witschi auto print kit: W38268
- Replacement power adapter: M32301
- Can also test quartz movements with the microphone for quartz movements: W47896 (supplied separately)
- Power range 100 to 240 volt (can be used either at 240 volt or 115 volt)

The chronoscope either comes with a standard microphone included or on its own. Also available is the automated microphone "Micromat S" (W34910) which offers seven different measurement cycles.

The measurement results, the average values and the largest deviations are available in a table at the end of the measurement cycle. The new «VARIO» display mode provides a fast overview of the quality and stability of the rate accuracy. It is the ideal mode for the receiving inspection and the point of sales in a specialized watch shop.

Specification:

- Rate precision: +/- 0.1s/d (range +/- 999s/d)
- Amplitude precision: +/- 0.4° (range 80° to 360°)
- Beat error precision: +/- 0.1ms (range 0 to 9.9ms)
- Vibration range: 3600 to 72000
- Lift angle: 10° to 90°

Officially Appointed Witschi Distributor

Click website "More Information" & "PDF's" for full specification.

For service, calibration & repairs of items inside and outside of the warranty period please submit a quote request via our online support under products & stock - product advice and repairs – Witschi equipment calibration

Code	Description	UOM	Price
W37691	Chronoscope S1 (G2), with Microphone	EACH	£2,995.00
W39843	Chronoscope S1 (G2) without Microphone	EACH	£2,495.00
W34910	Automatic Microphone (Witschi Micromat S)	EACH	£1,995.00
W47896	Manual Microphone for Quartz Movements	EACH	£625.00

Witschi Chronoscope X1 (G3)



Witschi - Chronoscope X1 (G3) - Micromat C Microphone Included - Touch screen

The best Chronoscope X1 (G3) ever is a fantastically finished device made of first-class materials. A capacitive touch screen made of high-quality glass shows the measurement results on its brilliant, high-contrast display. The bright, full-colour touch screen has a high-grade aluminium surround and stands on an elegant base.

- New improved hyper sensitive, 10.4 inch colour touch screen
- Touch screen is now as sensitive as your smart phone
- Faster firmware
- Super colour contrast
- Power range 100 to 240 volt (can be used either at 240 volt or 115 volt)

Included:

- Witschi Chronoscope X1, generation 3
- Witschi Micromat C, automatic microphone (Cousins ref: W34908)

Specification:

- Rate precision: +/- 0.1s/d (range +/- 999s/d)
- Amplitude precision: +/- 0.4° (range 80° to 360°)
- Beat error precision: +/- 0.1ms (range 0 to 9.9ms)
- Vibration range: 3600 to 72,000 (& 360,000)
- Lift angle: 10° to 90° (0.1° jumps)
- · Stabilization time: 2 seconds to 2 minutes
- Measure time: 4 seconds to 99 hours, 59 minutes & 58 seconds
- Measuring positions: 10

Particular features:

- 10.4 inch, hyper sensitive colour touch screen
- 6 display modes show measurements in a way adapted to the users needs (see PDF for full specification)
- Automatic selection of all common beat numbers, manual selection of any beat between 3600 & 72000 (and 360,000)
- Possible to create up to 99 stored measurement programmes
- Screen capture (camera function)
- Up to 99 pictures can be stored, presenting the test results via a slide show
- Display of PDF documents
- · Continuous diagram recording
- Up to 10 test positions selectable
- Language selection: English, French, German, Spanish or Italian

Display modes (See PDF for full specification)

- · Diagram display mode
- Vario display mode
- Sequence display mode
- Scope display mode
- Polar display mode
- Network compatible
- Customer and watch data

Also available:

- Martel thermo printers: P15224
- Witschi printer with auto cutter: P38415
- Witschi auto print kit: W38268

Officially Appointed Witschi Distributor

Click website "More Information" & "PDFs" for full specification.

For service, calibration & repairs of items inside and outside of the warranty period please submit a quote request via our online support under products & stock - product advice and repairs – Witschi equipment calibration

Code	Description	UOM	Price
T44313	Chronoscope X1 Generation 3	FACH	£5 395.00

Witschi Micromat C



Witschi - Micromat C

The Witschi Micromat C service system is a stand alone testing system that offers the same specification and testing ability of the Chronoscope X1, conducting & then displaying the results of professional mechanical watch tests on your existing PC or tablet screen.

- Automatic microphone with built in Chronoscope X1 intelligence
- Shows your test results on your own computer or tablet
- No separate display screen, saving valuable space
- Connects to your computer via USB interface
- Install the Witschi software on your PC, plug in the Micromat C and you have your own Chronoscope X1

This instrument is characterised by its user-friendly

design and small size. Included is the new Witschi feature, the computation and display of the balance wheel's centre of unbalance.

Four different measurement methods are available to you for the quality control of mechanical watches with or without a strap. The beat noise is displayed graphically and automatic test sequences with 2 to 10 different test positions are possible. The Micromat C Service testing system with its display on your PC works with operating system: Windows 7, Windows 8 or Windows 10.

- Measures the rate accuracy, amplitude & beat error
- Endless measurement, continuous diagram recording or graphic display of the beat noises
- Up to 10 testing positions manually selectable.
 6 testing positions are possible for sequential (automatic) measurement
- Automatic beat selection of all common beat numbers
- Manual selection of any beat number between 3600 to 72,000 & 360,000
- Works with your existing PC with windows on a computer or tablet
- Works with operating systems: Windows 7, Windows 8 or Windows 10
- Can work with the Witschi Chronoscope X1 (any generation)
- Language selection: English, French, German, Spanish or Italian
- Replacement power adapter: M32301
- 220 to 240 Volt (if you require a different voltage, please submit an online support request under "products and stock – new item requests (excluding watch & clock parts by brand and movements)")

Specification:

- Rate precision: +/- 0.1s/d (range +/- 999s/d)
- Amplitude precision: +/- 0.4° (range 80° to 360°)
- Beat error precision: +/- 0.1ms (range 0 to 9.9ms)
- Vibration range: 3600 to 72,000 (& 360,000)
- \bullet Lift angle: 10° to 90° (0.1° jumps)
- Stabilization time: 2 seconds to 60 minutes
- Measure time: 2 seconds to 300 hours
- Measuring positions: 10

Officially Appointed Witschi Distributor

Click website "More Information" & "PDF's" for full specification.

For service, calibration & repairs of items inside and outside of the warranty period please submit a quote request via our online support under products & stock - product advice and repairs – Witschi equipment calibration

Code	Description	иом	Price
W34908	Witschi Micromat C System	EACH	£4,995.00

Witschi Watch Expert (4th Generation)



New Features:

- High capacitive touch screen
- The results of the 6 main testing position are available in one glance
- New interactive microphone (included), control the machine from the microphone

The WATCH EXPERT is the ideal measuring instrument for testing the rate accuracy, amplitude and beat error of mechanical watches. Apart from its precision measurements and multiple measurement modes, the latest watch expert offers unique convenience at work.

Now with a high-quality capacitive touchscreen, the display of your measurement results is brilliant, high-contrast and reflection-free. You can navigate the menus on the large colour display with four control buttons on the new microphone. The watch expert 4

offers watchmaking experts ergonomics, comfort and precision

- The most important results in one glance, the diagrams of all 6 main testing positions displayed in one screen (can also be displayed individually)
- Work comfortably & safely on a reflection-free display
- 7 inch capacitive touch screen works even whilst wearing cotton gloves
- Quick and easy to switch between test positions
- Integrated loudspeaker for acoustic display testing of beat
- New design interactive microphone (included)
- Automatic recognition of 11 testing positions
- Safe and secure mount, even for heavy & large watches
- Programmable buttons on the microphone allow you to control the testing and display on the watch expert 4
- Printer = Product Code P38415
- Mains Adaptor = Product Code M32301
- Power range 100 to 240 volt (can be used either at 240 volt or 115 volt)

Specification:

- Beat number: 14 pre programmed beats or manual programming available (manual programming from 3600 to 86400)
- Beat error measurement range: 9.9ms
- Rate precision: +/- 0.1s/d
- Rate range: +/- 999.9s/d
- Amplitude range: 70° to 360° (display possible to 999°)
- Rate resolution: 0.1sd
- See PDF for full specifications

For service, calibration & repairs of items inside and outside of the warranty period please submit a quote request via our online support under products & stock - product advice and repairs – Witschi equipment calibration

Code	Description	иом	Price
T46232	Witschi Watch Expert IV	EACH	£2,195.00

WeiShi 1000



New watch timing & testing equipment for mechanical

- 4" x 1½ inch large LCD screen
- Line display length: 196 dots
- Will calculate the rate deviation, amplitude and beat error and display them in real time
- For professional service centres and individual workshops
- Microphone included
- · Made in China

Technical Specification:

- Rate: -999 s/d +999 s/d (Accuracy +/-1s/day)
- Amplitude: 100°- 360° (Accuracy : +/-1°)
- Beat error: 0 9.9ms (Accuracy: +/-0.1ms)
- Beat (Trains): All common ones pre-programmed, others can be manually entered
- Microphone has 6 testing positions
- Mains 240v
- Weight 1.7kg
- Dimensions: 170mm x 110mm x 500mm
- 220 to 240 Volt (if you require a different voltage, please submit an online support request under "products and stock – new item requests (excluding watch & clock parts by brand and movements)")

Code	Description	иом	Price
T38209	Watch Timing & Testing Machine	EACH	£165.00



WeiShi 1900



New watch timing & testing equipment for mechanical watches

- 4" x 11/2 inch large LCD screen
- Line display length: 480 dots
- Will calculate the rate deviation, amplitude and beat error and display them in real time
- For professional service centres and individual workshops
- Microphone included
- CE certified
- Made in China

Technical Specification:

- Rate: -999 s/d +999 s/d (Accuracy +/-1s/day)
- Amplitude: 100°- 360° (Accuracy : +/-1°)
- Beat error: 0 9.9ms (Accuracy : +/-0.1ms)
- Pre programmed beats (Trains): 12000, 14400, 18000, 19800, 21600, 25200, 28800, 36000, 43200
- Manual selection available for other beats
- Sampling periods selectable: 2, 4, 6, 8, 12, 20, 30 & 60 seconds
- Microphone has 6 testing positions
- Weight 1.7kg
- Dimensions: 240 x 190 x 210mm
- PDF operators manual
- 220 to 240 Volt (if you require a different voltage, please submit an online support request under "products and stock – new item requests (excluding watch & clock parts by brand and movements)")

Code	Description	иом	Price
W47107	Weishi 1900	FΔCH	f195 00

WATCH TEST-ING (QUARTZ)

Horotec Flashtest



An all in one ergonomic device for complete testing of quartz watches & movements

Functions

- Test battery voltage from 0 to 19.99 volts
- Test battery voltage under load from 0 to 19.99 volts
- Measure the coil impulse to determine if the problem is electronic or mechanical
- Measure the continuity of the coil
- Test the consumption of the circuit to determine whether it needs replacing
- Fast gear train rotation to determine if the problem is a mechanical fault or if the train needs cleaning
 Measure the accuracy of the watch in seconds per day
- Specifications
- LCD light screen, 29 x 23mm

- Easy to read screen display, with 15mm high numerals
- Overall size 155 x 172 x 55mm
- Dual 220 & 110 volt
- Horotec Swiss
- Horotec 19.108

In the box:

- Horotec Flashtest
- 1 pair of probes
- 110/220 volt adapter
- · Multi lingual operation manual

Code	Description	ИОМ	Price
T45617	Horotec FlashTest	EACH	£299.95

Witschi Analyzer Q1 (with New VARIO Mode)



Witschi - Analyzer Q1 - (with New VARIO Mode)

The Analyzer Q1 is the ideal instrument for the efficient and fast testing in the repair workshop, in watch laboratories as well for final control before sale. Extensive testing and measuring features guarantee skilled trouble shooting on quartz watches. The measurement process is largely automated. The multifunctional rotating/push knob allows quick and easy parameter settings. The placement of the control panel and the large LCD screen ensure this machine is highly functional as well as comfortable to use. The chopping rate of the motor pulses on watches is easily detected and displayed

The new "VARIO" display mode (a Witschi Invention) allows the user to set the desired vibration rate and view the results on screen.

Specification:

- Rate precision: +/- 0.1s/d
- Rate range: +/- 300s/d
- Rate resolution: 0.1sd
- Vibration range: From 12600 to 36000
- Measurement time: 2s to 960s

Features:

- The "all-in-one" concept requires a very small work area
- High operating comfort, functional control panel with large LCD screen
- Measurement over the quartz frequency, signal sensing acoustical, capacitive or over the supply current.
- Measurement over the motor pulses, magnetically signal sensing or over the supply voltage.
- Measurement over the LCD-operating frequency (binary display frequencies).
- Includes contact probes and wires
- For Wistchi interactive guide click "documents available to download" (only compatible with Windows)
- Language can be set in English, French or German
- Replacement power adapter: M32301
- 220 to 240 Volt (if you require a different voltage, please submit an online support request under "products and stock – new item requests (excluding watch & clock parts by brand and movements)")

Officially Appointed Witschi Distributor

Click website "More Information" & "PDF's" for full specification.

For service, calibration & repairs of items inside and outside of the warranty period please submit a quote request via our online support under products &

stock - product advice and repairs – Witschi equipment calibration

Code	Description	иом	Price
T19427	Witschi Analyzer Q1	EACH	£3,650.00
T20777	Witschi Analyser Q1 & Q Test 6000 Cable Set	EACH	£44.95
T20975	Witschi Analyser Q1 & Q Test 6000 Movable Contact Probes	EACH	£74.95

Witschi Tech Handy 2



Witschi - New Tech Handy 2

For use in a repair service, the watchmaker needs a testing device which can easily carry out all electrical measurements and tests on quartz watches including measurement of the rate accuracy, the current consumption and test of components of quartz watches. The New Tech Handy II provides all measurement and testing options for technical troubleshooting on quartz watches. Operation is very simple with an extensive number of automated measurement sequences, functional configuration of the controls and a clearly laid out and illuminated display of the results and parameters.

Specification:

- Rate precision: +/- 0.1s/d
- Rate range: +/- 300s/d
- Rate resolution: 0.1sd
- Vibration: 18000, 19800, 21600, 28800 & 36000
- Measurement time: 1s to 480s

Features:

- Ergonomic all in one design
- · LED display screen
- Sensors of highest sensitivity and selectivity for acoustical, magnetic and capacitive signals
- Includes contact probes and wires
- Language is in English
- Replacement power adapter: M32301
- 220 to 240 Volt (if you require a different voltage, please submit an online support request under "products and stock new item requests (excluding watch & clock parts by brand and movements)")

Officially Appointed Witschi Distributor

Click website "More Information" & "PDF's" for full specification

Available as a Witschi "New Tech Handy 2" or Elma "Watchmaster 2" product (Machines & warranties are exactly the same the only difference is livery / colour).

For service, calibration & repairs of items inside and outside of the warranty period please submit a quote request via our online support under products & stock - product advice and repairs – Witschi equipment calibration

Code	Description	UOM	Price
W34909	Witschi New Tech Handy II	EACH	£1,925.00





WATCH TESTING MICROPHONES

Automatic Microphone, TYMC



- 3 speeds
- 6 positions
- Will rotate automatically or can be changed by hand
- Can be used with either MTG-4000A (T33493) or MTG-5000A (T39016)

Code	Description	иом	Price
W44126	MTG Automatic Microphone	EACH	£695.00

Clock Clamping Microphone, Elma & Witschi



Clock Clamping Microphone - Elma & Witschi

For Elma & Witschi:

- Watchmatic 2 & 3
- Watch Expert 2 & 3
- Chronoscope M1, S1 & X1

Simply plugs in and then attaches by a small clip close to the escapement area on the clock - to sense escapement action and transmit data to the graph screen for analysis.

Officially Appointed Witschi & Elma Distributor

Code	Description	UOM	Price
T12050	Elma Watchmatic & Witschi Watch Expert II & III' Clock Clamping Microphone	EACH	£239.95
T6249	Elma Watchmatic & Witschi Watch Expert I' Clock Clamping Microphone	EACH	£160.00





Clock Pendulum Sensor & Stand, Elma & Witschi



Optical Electronic Sensor & Stand - Elma & Witschi

T12038 for Elma & Witschi Equipment:

- Witschi Watch Expert 2
- Witschi Watch Expert 3
- The Watch Expert (Witschi Watch Expert 4)
- Witschi Chronoscope M1
- Witschi Chronoscope S1 (any generation)
- Witschi Chronoscope X1 (any generation)
- Elma Watchmatic 2
- Elma Watchmatic 3

T9676 for Elma & Witschi Equipment:

- Witschi Watch Expert 1
- Elma Watchmatic 1

This sensor device records the pendulum passing through its beam to analyse performance of timekeeping and then displays the transmitted data on the equipment screen.

A multi-positional stand is available as an option to assist test procedure and set up (see T9677). Picture here shows the opto-electronic sensor connected to the optional positional support stand.

Photo shows Sensor attached to Stand - both items sold separately.

Officially Appointed Witschi & Elma Distributor

Code	Description	UOM	Price
T12038	Clock Pendulum Electronic Sensor for Elma & Witschi	EACH	£435.00
Т9676	Clock Pendulum Electronic Sensor for Elma & Witschi	EACH	£350.00
Т9677	Stand for Optical Clock Pendulum Electronic Sensor	EACH	£145.00

Mechanical Microphone, Elma & Witschi



Mechanical Microphone - Elma & Witschi

Code	Description	иом	Price
T12040	Elma 'Watchmatic 2 & 3' & Witschi Watch Expert 2 & 3 Mechanical Microphone	EACH	£525.00
T1708A	Elma "Watchmatic I" & Witschi Watch Expert I" Mechanical Microphone	EACH	£525.00

Microphone & Micromat Protective Box



Witschi - Protective Box for Microphones & Micromat

Witschi Sound & dust protection box for microphone and Micromat

Officially Appointed Witschi & Elma Distributor

Code	Description	иом	Price
W34904	Witschi Protective Box For Microphones and Micromat	EACH	£340.00

WATER PROOF TESTING

WATERPROOF TESTING MACHINES

Bergeon 5402 Air Pressure Apparatus



Bergeon 5402 - Air Pressure Apparatus

Air pressure apparatus for testing the water tightness of watches with two piece stems.

With this apparatus, watches can be tested for water tightness without any penetration of water.

Instructions for use:

- 1. Remove the winding button.
- 2. Place the winding button on the steel tube of the pump nozzle.
- 3. Place the watch on the fanshaped support, slightly bending the spring and causing the case pipe to enter the nylon pump nozzle (see website PDf figure 1).
- 4. Pull up the piston as far as it will go, and then release it (see website PDf figure 1).
- 5. If the piston head moves back towards the pump, this means that the watch is leaking badly and will have to be re-examined.
- 6. If the piston remains quite still, place the tool with the watch in a recipient containing water or, better still, a mixture of equal parts of water and alcohol (see website PDf figure 2).
- 7. If no air bubbles escape from the case, the watch may be considered waterproof.

Code	Description	иом	Price
T22166	Bergeon 5402 Hand Held Air Pressure Tester	EACH	£51.75



Your direct line to our

Management Team

All correspondence is time stamped and answered within 1 hour of receipt

Instant Message Service







Bergeon 5555/10 Wet Tester



Bergeon 5555/10 - Wet Tester

New apparatus for testing the water resistance of watch cases

- · Air pressure system
- Removable cylinder for draining
- Connector for compressor (valve available separately)
- Manual pressure from 0 to 10 atm.
- · Hook for synthetic matter watch
- Control Capacity: 0-11 atm. (security at 12 atm)
- · Built in aluminium cast iron
- Strong, very stable
- Cylinder Ø: 70mm
- Volume capacity: 2 watches
- Dimensions: 275 x 167.5 x 390 mm

Click website "More Information" & "PDF's" for full specification.

Code	Description	UOM	Price
W32292	Bergeon 5555/10 Water Tester	EACH	£850.00
C36653	Valve for Compressor	EACH	£122.15
C36963	Connector Hose for Compressor, UK	EACH	£19.95

Bergeon 5555/98 Wet Tester



Bergeon 5555/98 - Wet Tester

Wet Pressure System 3 Bar Wet Test. Air pressure system 3 atmospheres.

The advantages offered by this pressure apparatus are due to the fact that a watch can be tested under normal wear conditions.

Diameter or opening-64mm. 2 Watch capacity.

- Chamber diameter 64mm
- Pressure capacity 0-3 ATM (approx. 0 to 30 meters)
- Leaks revealed by bubble stream
- Dimensions: 245 x150 x 290mm HT



Click website "More Information" & "PDF's" for full specification

Code	Description	иом	Price
W1838	Bergeon 5555/98 Waterproof Tester	EACH	£545.00

Calypso Wet Tester



Calypso - Wet Pressure System - 10 Bar

Italian made, with simple operation.

- Pressure capacity 0-10 Bar (approx. 0-100 meters)
- · Leaks revealed by bubble stream
- · Manual release valve for safety
- Dimensions approx. 170 x 200 x 270mm (LxDxH)
- Chamber outside diameter Ø90mm, inside diameter Ø80mm
- Full instructions included

Code	Description	UOM	Price
W1839	Calypso Waterproof Tester	EACH	£395.00

Elma Leak Controller Vacuum Tester



Elma - Leak Controller - Vacuum Tester

- · Water Resistant?
- · Water proof?

Q (Customer): Do you do water testing? A: What sort of watch do you have?

If it's a sports/divers watch, do you need it tested to diving depths, if so it requires a pressure test (which is a more expensive test).

However, there is no need to test to depths of 100 metres, why test to 100 metres when you are:

- washing up
- showering
- swimming · washing the car

Most watches, including a lot of sports & divers watches, don't actually go anywhere near these depths

Meet the Leak Controller – affordable testing for most watches - guaranteed waterproof for everyday use.

Vacuum testing is ideal for most watches, pressure testing compacts watch cases trying to force air in, however a vacuum test works in the opposite way by measuring if air wants to escape the case thus if there is a leak it will show immediately, it also will identify if there is a potential leak as the gauge pointer will continue beyond the designated parameter demonstrating that the sealing areas (glass, case or crown gaskets) are potentially vulnerable.

Restrictions and limitations:

For watches with very solid cases (screwed back) and sapphire crystal the deformation is very small. Identification of a leakage may be not done exactly.

- Click website "More Information" & "PDF's" for full specification
- 220 to 240 Volt (if you require a different voltage, please submit an online support request under products and stock – new item requests (excluding watch & clock parts by brand and movements)")

Elma's Principle UK Distributor

Code	Description	иом	Price
W1832	ELMA "Leak Controller 2000", very rapid & accurate testing, without the removal of the strap/bracele	EACH	£695.00
W1834	Elma Leak Controller Revealing Gel	EACH	£16.75

Greiner Poseidon LT-100 Pressure and Vacuum Tester



Greiner - Poseidon LT-100 - Pressure and Vacuum

The latest and most advanced dry water tester of its kind from Greiner, Switzerland.

The new LT-100 utilizes intelligent software to identify and assess case deformation while testing for leaks and features special stabilizing circuitry for automatic and reliable results, which are then delivered as a numeric or analogue colour diagram on the data screen.

Both pressure and vacuum modes have test capacities of 0.7 to 10 bar (approx 10-100 mtrs) and the five pre-determined programs plus any one of seven user chosen individual test cycle settings provide simple procedural operation and ensure confident results.

Printer compatible and built to exceptionally high

- Requires compressor = Cousins Ref. C1837
- CBM190 Printer = Cousins Ref. P15222
- Martel Thermo Printer = Cousins Ref. P42036

Specifications:

- Length 320mm
- Depth 250mm
- · Width 280mm
- Weight: 7.5kg Power range 100 to 240 volt (can be used either at 240 volt or 115 volt)

Click website "More Information" & "PDF's" for full

Furring caused by humidity (condensation) and dirt

(dust particles) impair the function of the valves of the Poseidon LT-100. Greiner therefore recommend that your compressor is provided with a maintenance unit in order to prevent damage to the equipment. Please see PDF for full explanation

Code	Description	иом	Price
W9680	Greiner Poseidon LT-100 Waterproof Tester Pressure and Vacuum	EACH	£3,395.00
W38755	Greiner Poseidon Maintenance Kit	EACH	£295.00

Lititz Diver 125 Wet Tester



Lititz Diver 125 - Up to 125 Bar/125 Metres - Omega Approved $\,$

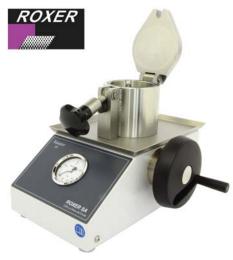
- Up to 125 bar/atmospheres (1250 metres)
- · Omega approved
- Rugged anodized construction
- 50mm chamber depth
- 63mm chamber diameter
- Clear lens to monitor the test in progress
- · Comes with watch holder and water bottle
- Made in USA

Dimensions:

- Weight: 6.4Kg
- 20cm x 28cm x 10cm (H x W x D)

Code	Description	иом	Price
W40284	Lititz Diver 125 Water Tester	EACH	£2,595.00

Roxer Natator 40 Wet Tester



Roxer - Natator 40 (up to 40 bars - 400 meters)

- Pressurized water
- Ideal for unit control and after-sales service
- Pressure up to 40 bars (400 meters)
- Bowl and drip tray with water in stainless steel
- No connection required
- Autonomous
- Gauge incorporated.

Technical Data:

• Pressure Scale 0 to 40 bar

- Tank Height 50 mm
- Tank Internal Diameter Ø65mm
- Tank Capacity: 0.21 litre
- Capacity 1

Dimensions & weight:

- Length 220mm
- Width 270mmHeight 250mm
- 8.5kg

Professionally made high specification tester requiring only an additional hotplate (ref H2816) as part of the dual procedure to conclusively reveal if a leak occurred during the pressurisation cycle at the chosen Natator setting- the main unit requires no compressor or electrical feed.

Pressure is applied to the stainless steel chamber via the crank handle until the required gauge reading from 1 to 40 bar is achieved. The watch can be viewed through the top inspection glass and depressurisation is by reversing the crank direction to zero.

Click website "More Information" & "PDF's" for full specification.

Code	Description	UOM	Price
W1235	Roxer Natator 40 Water Tester	EACH	£3,795.00
W3168	Roxer Natator 40/125 Watch Holder Basket	EACH	£79.95

Roxer Natator 125 Wet Tester



Roxer - Natator 125 (up to 125 bars - 1250 meters)

- Pressurized water
- Ideal for unit control and after-sales service
- Pressure up to 125 bars (1250 meters)
- Bowl and drip tray with water in stainless steel
- No connection required
- Autonomous
- Gauge incorporated

Technical Data:

- Pressure Scale 0 to 125 bar
- Inside Tank Height 65 mm
- Tank Internal Diameter Ø80mm
- Tank Capacity: 0.33 litre
- Capacity 1

Dimensions & weight:

- Length 310mm
- Width 330mmHeight 300mm
- 12kg

Replacement Watch Holder Basket: Item Code W31683

Professionally made high specification tester requiring only an additional hotplate (ref H2816) as part of the dual procedure to conclusively reveal if a leak occurred during the pressurisation cycle at the chosen Natator setting- the main unit requires no compressor or electrical feed.

Pressure is applied to the stainless steel chamber via the crank handle until the required gauge reading from 1 to 125 bar is achieved. The watch can be viewed through the top inspection glass and depressurisation is by reversing the crank direction to zero.



Click website "More Information" & "PDF's" for full specification.

Code	Description	иом	Price
W19476	Roxer Natator 125 Water Tester	EACH	£4,795.00

Roxer Revelator R1



Roxer Revelator R1

The Revelator R1 is a fully electronic tester with an integrated heating plate which allows you to determine the condensation susceptibility of a watch quickly & accurately, effectively replacing the present drop test. The 20 pre-defined test programs allow you to determine the extent of testing required for the different levels of watch waterproof ability you encounter. The user-friendly touch screen ensures easy handling and operation.

In contrast to the drop test, the tester is able to set the watch to sustained state of shock, in which the temperature is maintained uniformly over the set period of time, giving the most accurate and reliable results.

- For revealing condensation on crystals
- Can be used with crystals up to 5mm thick
- The cold point setting can also reveal condensation on thick crystals
- Stability of hot and cold temperatures, ensuring test repeatability
- Heating plate included
- Programmable temperature and time parameters
- Touch-screen
- Made in Switzerland

Specifications;

- Heating temperature: 40 to 50°C
- Cooling mode temperature: 4 to 18°C
- Power range 100 to 240 volt (can be used either at 240 volt or 115 volt)
- Dimensions: 220 x 310 x 115mm
- Weight: 4.5Kg

Code	Description	иом	Price
R47066	Roxer Revelator R1	EACH	£4.695.00

Witschi ChronoProof Pro (Intergrated Compressor) 3 Bar



Witschi - ChronoProof Pro - 3 Bar

The compact Chronoproof Pro with integrated compressor turns you into a specialist able to reliably seal test all types of wristwatch in no time at all. No parametrisation, no programming – just insert the



watch, close the test chamber and the rest place automatically takes place. Thanks to the integrated printer, you can also have the test result in black and white. You will find that this compact and stylish unit looks just as good on any sales desk as it does on a workbench.

Features:

- Worldwide one-of-a-kind: integrated compressor: The Chronoproof Pro is the first seal testing device with an integrated compressor for generating a vacuum and pressure, which makes it particularly compact and handy
- Integrated printer: Thanks to the integrated printer, you can print out your test results at the touch of a button. The header of the print-out slip can be individually configured, for example with your logo or company name
- · Reliable test results: Reliable results thanks to highprecision Witschi technology: the Chronoproof offers measurement resolution of 0.02 µm, in other words 1/5000 of the thickness of an average human hair
- Automatic parametrisation & test cycle: The test cycle starts automatically on closing the test chamber. Stabilisation and measurement times are automatically adapted to suit the watch. It is not necessary to create programs
- Touchscreen: Easy user guidance thanks to modern day touchscreen
- The new PC software allows you to create your own single and double tests program or to use the automatic mode. All created test programs and ticket layouts will be saved as file into the memory of the Chronoproof and PC, until the parameters will be changed by the user.
- Three colours available: The Chronoproof Pro is available in aluminium, steel and ruby

Technical specifications:

- Vacuum: programmable between -0.5 up to -0.2
- Pressure: Programmable between 0.2 up to 3 bar
- Measuring range deformation: -300 to 1000 μm
- Sensor resolution: Typically 0.02 μm
- Maximum watch size (case only):
- Diameter = 70 mm
- Thickness = 28 mm
- · Maximum strap diameter (e.g. in the case of nonflexible straps):
- Horizontal = 85 mm
- Vertical = 65 mm
- Interface: USB 2.0
- Dimensions: 155 x 220 x 300mm (W x D x H)
- Power range 100 to 240 volt (can be used either at 240 volt or 115 volt)

Click website "PDF's" for full specification.

For service, calibration & repairs of items inside and outside of the warranty period please submit a quote request via our online support under products & stock - product advice and repairs - Witschi equipment calibration

Code	Description	иом	Price
W36030	Aluminium with Printer Witschi Chronoproof Pro	EACH	£3,075.00
W36028	Ruby with Printer Witschi Chronoproof Pro	EACH	£3,075.00
W36029	Steel with Printer Witschi Chronoproof Pro	EACH	£3,075.00
T40120	Chronoproof Pro Printer Rolls	EACH	£3.50





Witschi Proofmaster M **Pressure and Vacuum Tester**



Witschi - Proofmaster M - Pressure and Vacuum Tester Professional Equipment for Leak Tests

- 9 predefined universal test programmes
- 45 customer specific programmable test cycles
- "Quick select" function allows automatic generation of the ideal test programme based on the selection of the watch characteristics
- Special programme for the localization of leaks
- Vacuum testing from -0.2 to -0.8 bar in steps of -0.1
- Pressure testing from 0.2 to 10 bars in steps of 0.1 bar
- · Built in vacuum generator
- · Automatic determination of the required test time based on the programmed tolerance values with automatic repetition of the test if an ambiguous result is recorded
- Test time can also be set manually, from 15 to 300 seconds
- Automatic stabilisation or alternatively stabilisation time can be set manually, from 15 to 300 seconds
- · Measurement of the deformation:
- Measurement range: -300 to +1000 µm.
- Resolution of the display: 0.01 μm.
- Resolution of the sensor: typical 0.02 μm Colour touch screen
- Limit of case size(with or without strap):
- Diameter: Ø70 mm
- Thickness: 28 mm
- English, French, German, Spanish and Italian display available
- Supplied with flexible hose and compressor connector
- See PDF for full information
- Replacement power adapter: M32301
- For Wistchi interactive guide click "documents available to download" (only compatible with Windows)
- · 220 to 240 Volt (if you require a different voltage, please submit an online support request under products and stock - new item requests (excluding watch & clock parts by brand and movements)")

The Proofmaster M (Spheric) is the instrument of choice whenever extreme user friendliness is requires Especially suited for the repair service, specialised trade outlets or in manufacturing, 9 pre-defined universal programmes, 45 freely programmable test cycles and clear menu guidance provides the simplest handling and the most reliable examination & testing for all watches. This professional instrument draws the attention by its wholly automated "close and test" sequence, its intuitive operation with a colour touch screen and by its excellent, sleek design

The new, special Leak Finder Programme opens a new dimension for the localisation of watch leakages in

The instrument, equipped with a USB interface, can be networked by using the optional proofmaster M/S

Accessories (available separately unless stated):

- Mains Adaptor (included): Cousins ref. M32301
- Compressor: Cousins ref. C1837
- Auto-print kit: Cousins ref. W38268

For service, calibration & repairs of items inside and outside of the warranty period please submit a quote request via our online support under products & stock - product advice and repairs - Witschi equipment calibration

Code	Description	иом	Price
W34905	Witschi Proofmaster M Waterproof Tester	EACH	£4,095.00

Witschi Proofmaster S Pressure and Vacuum Tester



Witschi - Proofmaster S - Pressure and Vacuum Tester

Professional Equipment for Leak Tests

- 7 predefined universal test programmes
- 10 programmable test cycles
- Special programme for the localization of leaks
- Testing by means of pressure and/or vacuum (-0.8 to 10 bar)
- · High-resolution deformation sensor (nanometer range)
- · Watches can be tested with or without strap or bracelet (up to Ø70mm and 28mm thickness)
- Vacuum: 0.2 to 0.8 bar
- Pressure: 0.2 to 10 bar
- Replacement for ACL2000
- Compressor required (Cousins Ref. C1837)
- Supplied with flexible hose and compressor connector
- See PDF for full information
- For Wistchi interactive guide click "documents available to download" (only compatible with Windows)
- Replacement power adapter: M32301
- 220 to 240 Volt (if you require a different voltage, please submit an online support request under products and stock – new item requests (excluding watch & clock parts by brand and movements)")

The Proofmaster S is specially suited for the repair service, for the specialised trade. Pre-defined universal programmes, freely programmable test cycles and clear menu guidance provides the simplest handling and a reliable examination/testing for all watches.

The new, special Leak Finder Programme opens a new dimension for the localisation of watch leakages in

The instrument, equipped with a USB interface, can be networked by using the optional WiCoTrace software.

Accessories (available separately unless stated):

- Mains Adaptor (included): Cousins ref. M32301
- Compressor: Cousins ref. C1837
- · Auto-print kit: Cousins ref. W38268 (Witschi Proofmaster only)
- Printer: Cousins ref. P15224 or P38415
- Auto Print Kit: Cousins ref. W38268

Available as a Witschi or Elma Product (Machines & warranties are exactly the same the only difference is livery / colour)

Click website "More Information" & "PDF's" for full specification.

For service, calibration & repairs of items inside and



outside of the warranty period please submit a quote request via our online support under products & stock - product advice and repairs - Witschi equipment calibration

Code	Description	иом	Price
W20802	Witschi Proofmaster S Waterproof Tester	EACH	£3,525.00

WATERPROOF TESTING MACHINE PARTS

Parts For Waterproof Testing Equipment

Bergeon Spare Parts - 5555/10

Bergeon 5555/10 (W32292) Waterproof Tester Spare Parts



• Tester Rod



Code	Description	иом	Price
W42375	Tester Rod with Attachment Clip - 5555-10-TC	EACH	£29.95

Bergeon Spare Parts - 5555/98



Bergeon 5555/98 (W1838) Waterproof Tester Spare

Replacement:

- Gaskets
- Cylinder
- Tester Rod

See Website PDF for diagram of parts available

Code	Description	иом	Price
W30556	Plexi Cylinder, Bergeon 5555.98TP	EACH	£61.95
W7736	Spare Gasket, Bergeon 5555.24	EACH	£4.75
W7737	Spare Gasket, Bergeon 5555.28 (2pcs)	EACH	£4.80
W30551	Spare Gasket, Bergeon 5555.28A	EACH	£3.70
W7738	Spare Gasket, Bergeon 5555.29	EACH	£4.85
W7739	Spare Gasket, Bergeon 5555.30	EACH	£2.65
W7740	Spare Gasket, Bergeon 5555.31	EACH	£2.65
W7741	Spare Gasket, Bergeon 5555.32	EACH	£2.95
W7742	Spare Gasket, Bergeon 5555.33	EACH	£3.50
W7743	Tester Rod With Attachment Clip, Bergeon 5555.TC	EACH	£19.95

Spare Gasket, Bergeon 5555.98A EACH

Calypso Chamber Parts



Calypso (W1839) Waterproof Tester Spare Chamber

- · Diameter diven is the inside diameter
- Replacement:
- Gaskets
- Cylinder
- Lids

See Website PDF for diagram of parts available

Code	Description	иом	Price
W37817	Gasket, Flat Chamber Ø60mm (No 45G Spare Part)	EACH	£6.95
W7729A	Gasket, Flat Chamber Ø65mm (No 45G Spare Part)	EACH	£6.95
W37818	Gasket, Flat Chamber Ø80mm (No 45G Spare Part)	EACH	£6.95
W7730	Gasket, O-Ring Lid Ø50mm (No 41G Spare Part)	EACH	£10.50
W37815	Gasket, O-Ring Lid Ø60mm (No 41G Spare Part)	EACH	£9.95
W37816	Gasket, O-Ring Lid Ø65mm (No 41G Spare Part)	EACH	£10.50
W7729	Gasket, O-Ring Lid Ø80mm (No 41G Spare Part)	EACH	£10.50
W37819	Lid Ø60mm (No 27 Spare Part)	EACH	£51.45
W33192	Lid Ø65mm (No 27 Spare Part)	EACH	£45.95
W37820	Lid Ø80mm (No 27 Spare Part)	EACH	£51.45
W37821	Lid Holder Ø60mm (No 37 Spare Part)	EACH	£61.75
W32857	Lid Holder Ø65mm (No 37 Spare Part)	EACH	£59.95
W37822	Lid Holder Ø80mm (No 37 Spare Part)	EACH	£61.75
W7734A	Main Chamber, Ø50mm (No 44 Spare Part)	EACH	£79.95
W7734C	Main Chamber, Ø65mm (No 44 Spare Part)	EACH	£79.95
W7734D	Main Chamber, Ø80mm (No 44 Spare Part)	EACH	£79.95

Calypso Spare Parts



Calypso (W1839) Waterproof Tester Spare Parts

Replacement:

- Gaskets
- Pump Handle
- Up to 46 Parts

See Website PDF for diagram of parts available

Code	Description	иом	Price
W7731A	No 1 Spare Part Metal Handle	EACH	£69.95
W33172	No 2 Spare Part	EACH	£25.25



Elma Spare Parts





Elma (W1832) Leak Controller Waterproof Tester Spare

Replacement:

- Main Gasket
- Dome

Code	Description	UOM	Price
W7723	Elma Leak Controller Spare Dome	EACH	£21.95
W7725	Elma Leak Controller Spare Main Gasket."2000 Model" (Round section not flat like old model)	EACH	£5.25



ULTRASONIC CLEANING



Cousins offers only known & trusted brands of ultrasonic tanks at the most competitive prices. We offer no Chinese tanks cloaked as superior brands.

- L&R "Qauntrex" line (Commercial Use)
- Elma "S" Line (Commercial Use)
- Elma "P" Line (Industrial Use Multi-Frequency & Digital)
- Elma Xtra TT (Industrial Use, Brand New

The Ultrasonic process is the trade's proven system for removal of dirt, soiling and gumming from both surface and hidden areas

Electrically powered transducers bonded to the tanks skin generate a cavitation (bubbling) effect, which streams through the fluid and discharges onto the articles at a given frequency. These minute impacts efficiently loosen and dislodge adhesions and grime from usage or workshop procedures.

We have a range of branded tanks for every purpose. All are constructed to the highest quality using stainless steel

<u>L&R "Quantrex" Line</u> (Commercial Use)



L&R Ultrasonics - Powerful Machines for Effective Cleaning - Made in USA

Each tank comes with the L&R triple warranty, the most comprehensive in the industry. The entire unit is covered from defects in materials and workmanship for 2½ years. The housing is covered for 5 years and the tank to transducer bonding is covered for 10 years.

- Heater
- Includes Lid
- Stainless steel drain with multi positional outlet (Q90 tank has no drain)
- 60 minute timer
- Increased power
- Cleans quietly
- · Made in USA

The L&R Quantrex ultrasonic cleaning system Provides super strength cleaning every time. Versatile enough for a variety of cleaning applications and when used with the industry leading L&R cleaning fluids they offer excellent, trouble free cleaning every single

- Superior power to others on the market
- Power you can actually see working as soon as you turn on the machine
- · Perfect for benchtop use
- Self contained, compact units
- Stainless steel housing
- 14 quality inspection steps for strength and durability

- 220 to 240 volt
- CE approved
- ISO 9001-2008

For Tank specifications see "more info"

1.9 Litre (Q90) L&R



- Tank Max. Volume (approx) 1.9 litres
- Tank Internal Dimensions LxWxD (approx) 149 x 137 x 102mm
- Unit External Dimensions LxWxD (approx) 140 x 162 x 222mm
- Basket Internal Dimensions LxWxD (approx) 190 x 127 x 76mm (supplied separately)
- Weight (approx) 3.6kg
- Mains Voltage Unit 220-240
- Ultrasound Frequency (kHz) 43
- Power Consumption Total 110 WattsHeating Power 55 Watts
- Lid included

Code	Description	UOM	Price
U48777	1.9 Litre (Q90) L&R	EACH	£395.00

3.2 Litre (Q140) L&R



- Tank Max. Volume (approx) 3.2 litres
 Tank Internal Dimensions LxWxD (approx) 238 x 137 x 102mm
- Unit External Dimensions LxWxD (approx) 260 x 165 x 210mm
- Basket Internal Dimensions LxWxD (approx) 226 x 127 76mm (supplied separately)
- Weight (approx) 4.5kg
- Mains Voltage Unit 220-240
- Ultrasound Frequency (kHz) 43
 Power Consumption Total 150 Watts
- Heating Power 55 Watts
- Lid included

Code	Description	иом	Price
U48778	3.2 Litre (Q140) L&R	EACH	£475.00

5.7 Litre (Q210) L&R





- Tank Max. Volume (approx) 5.7 litres
- Tank Internal Dimensions LxWxD (approx) 298 x 152 x 152mm
- Unit External Dimensions LxWxD (approx) 324 x 178 x 279mm
- Basket Internal Dimensions LxWxD (approx) 287 x 127
- x 114mm (supplied separately)
- Weight (approx) 6.4kgMains Voltage Unit 220-240
- Ultrasound Frequency (kHz) 43
 Power Consumption Total 335 Watts
 Heating Power 200 Watts
- Lid included

Code	Description	ИОМ	Price
U48779	5.7 Litre (Q210) L&R	EACH	£675.00

13.6 Litre (Q360) L&R



- Tank Max. Volume (approx) 13.6 litres
- Tank Internal Dimensions LxWxD (approx) 292 x 235
- Unit External Dimensions LxWxD (approx) 324 x 267 x 362mm
- Basket Internal Dimensions LxWxD (approx) 287 x 222 x 127mm (supplied separately)
- Weight (approx) 10kg
- Mains Voltage Unit 220-240
- Ultrasound Frequency (kHz) TBA Power Consumption Total 440 Watts
- Heating Power 220 Watts
- Lid included

Code	Description	UOM	Price
U48780	13.6 Litre (Q360) L&R	EACH	£850.00





Elma "S" Line (Commercial Use)





Don't buy a Chinese tank "CLOAKED" in a made up brand, at these great prices there is no need to buy inferior when you can have

Superior Build Quality, Made in Germany, Made by Elma

Our "Best Seller" in this range is the S30H (U9787) which contains the advantages of:

- Heater (Thermos Controlled)
- Includes Lid
- Easily drained via a tap
- Timer
- Sweep & Degas Action
- 80 Watt
- Commercial Use
- · Made in Germany

The S - Line range of ultrasonic tanks from Elma is of upgraded design with powerful transducers for heavy soiling and prolonged usage, now incorporating many important new functions.

- Degas function to enhance cavitation at fluid
- · Sweep action (switch-able on and off) to reach hidden surfaces
- Precise temperature control and monitoring facility (30-80°C)
- Turning knob for setting continued and short-period operation from 1 to 30 min
- Powerful action with auto start at pre-set temperature choice
- Auto safety cut out after 12 hours continuous use
- · Auto heat reduction if fluid level falls below minimum
- Integral drain off tap and carrying handles on models 2.75 litre and greater
- 220 to 240 Volt (if you require a different voltage, please submit an online support request under "products and stock - new item requests

Featuring advanced 37khz transducers and heaters with ergonomic design and upgraded efficiency on the S-Range keeps Elma's name in front in ultrasonic cleaning.

For Tank specifications see "more info"

Elma's Principle UK Distributor

W RLDWIDE DELIVERY





0.80 litre (S10) Elma - Non Heated



- Tank Max. Volume (approx) 0.8 litres
- Tank Effective Volume (approx) 0.7 litres
- Tank Internal Dimensions LxWxD (approx) 190 x 85 x
- Unit External Dimensions LxWxD (approx) 206 x 116 x 178 mm
- Basket Internal Dimensions LxWxD (approx) 177 x 73 x 30 mm (supplied separately)
- Weight (approx) 2.0 kg
- Mains Voltage Unit 220-240
- Ultrasound Frequency (kHz) 37
- Power Consumption Total 90 Watts
- Ultrasonic Power Effective 30 Watts
- Ultrasonic Peak Power Max. 240 Watts
- Non heated
- Includes Lid

Code	Description	UOM	Price
U48068	0.80 litre (S10) Elma - Non Heated	EACH	£199.95

0.80 litre (S10H) Elma



- Tank Max. Volume (approx) 0.8 litres
- Tank Effective Volume (approx) 0.7 litres
- Tank Internal Dimensions LxWxD (approx) 190 x 85 x
- Unit External Dimensions LxWxD (approx) 206 x 116 x 178 mm
- Basket Internal Dimensions LxWxD (approx) 177 x 73 x 30 mm (supplied separately)
- Weight (approx) 2.0 kg
- Mains Voltage Unit 220-240
- Ultrasound Frequency (kHz) 37
- Power Consumption Total 90 Watts
- Ultrasonic Power Effective 30 Watts
 Ultrasonic Peak Power Max. 240 Watts
- · Heating Power 60 Watts
- Includes Lid

Code	Description	иом	Price
U9785	0.80 litre (S10H) Elma	EACH	£250.00



Watch Cleaning & Rinsing Fluids

See Page 1166



1.75 litre (S15H) Elma



- Tank Max. Volume (approx) 1.75 litres
- Tank Effective Volume (approx) 1.20 litres
- Tank Internal Dimensions LxWxD (approx) 151 x 137
- Unit External Dimensions LxWxD (approx) 175 x 180 x 212 mm
- Basket Internal Dimensions LxWxD (approx) 112 x 103 x 50mm (supplied separately)
- Weight (approx) 2.1 kg
- Mains Voltage Unit 220-240
- Ultrasound Frequency (kHz) 37
- Power Consumption Total 95 Watts
- Ultrasonic Power Effective 35 Watts Ultrasonic Peak Power Max. 280 Watts
- Heating Power 60 Watts
- Lid (U9806) Supplied Additionally

Code	Description	иом	Price
U9786	1.75 litre (S15H) Elma	EACH	£365.00

2.75 litre (S30H) Elma - Best Seller



Advantages:

- Heater (Thermos Controlled)
- Includes Lid & Drain
- Timer
- Sweep & Degas Action
- 80 Watt
- Commercial Use

Specifications:

- Price includes Lid
- Price includes integral drain
- Tank Max. Volume (approx) 2.75 litres
- Tank Effective Volume (approx) 1.90 litres
- Tank Internal Dimensions LxWxD (approx) 240 x 137 x 100 mm
- Unit External Dimensions LxWxD (approx) 300 x 179 x 214 mm
- Basket Internal Dimensions LxWxD (approx) 198 x 106 x 50mm (supplied separately)
- Weight (approx) 3.3 kg
- Mains Voltage Unit 220-240
 Ultrasound Frequency (kHz) 37
 Power Consumption Total 280 Watts
- Ultrasonic Power Effective 80 Watts • Ultrasonic Peak Power Max. 320 Watts
- Heating Power 200 Watts
- Best Seller

	Code	Description	UOM	Price
ı	J9787	2.75 litre (S30H) Elma - Best Seller	EACH	£450.00

4.25 litre (S40H) Elma



- Tank Max. Volume (approx) 4.25 litres
- Tank Effective Volume (approx) 3.20 litres
- Tank Internal Dimensions LxWxD (approx) 240 x 137 x 150 mm
- Unit External Dimensions LxWxD (approx) 300 x 179
- Basket Internal Dimensions LxWxD (approx) 190 x 105 x 75 mm (supplied separately)
- Weight (approx) 4.0 kg
- Mains Voltage Unit 220-240
- Ultrasound Frequency (kHz) 37
 Power Consumption Total 340 Watts
- Ultrasonic Power Effective 140 Watts
- Ultrasonic Peak Power Max. 560 Watts
- Heating Power 200 Watts
- Lid (U9807) Supplied Additionally

5.75 litre (S60H) Elma

Code	Description	UOM	Price
U9788	4.25 litre (S40H) Elma	EACH	£595.00

• Tank Max. Volume (approx) 9.5 litres

9.5 litre (S100H) Elma

- Tank Effective Volume (approx) 7.5 litres
 Tank Internal Dimensions LxWxD (approx) 300 x 240 x 150mm
- Unit External Dimensions LxWxD (approx) 365 x 278
- Basket Internal Dimensions LxWxD (approx) 255 x 200 x 80 mm (supplied separately)
- Weight (approx) 5.9 kgMains Voltage Unit 220-240
- Ultrasound Frequency (kHz) 37
- Power Consumption Total 550 Watts
- Ultrasonic Power Effective 150 Watts
- Ultrasonic Peak Power Max. 600 Watts
- Heating Power 400 Watts
- · Lid (U9810) Supplied Additionally

Code	Description	UOM	Price
U9790	9.5 litre (S100H) Elma	EACH	£975.00

12.75 litre (S120H) Elma



- Tank Max. Volume (approx) 5.75 litres
- Tank Effective Volume (approx) 4.3 litres
- Tank Internal Dimensions LxWxD (approx) 300 x 151 x 150 mm
- Unit External Dimensions LxWxD (approx) 365 x 186 x 264 mm
- Basket Internal Dimensions LxWxD (approx) 255 x 115 x 75 mm (supplied separately)
- Weight (approx) 5.1 kg
- Mains Voltage Unit 220-240
 Ultrasound Frequency (kHz) 37
 Power Consumption Total 550 Watts
- Ultrasonic Power Effective 150 Watts
- Ultrasonic Peak Power Max. 600 Watts
- Heating Power 400 Watts
- Lid (U9809) Supplied Additionally
- Description U9789 5.75 litre (S60H) Elma

- Tank Max. Volume (approx) 12.75 litres
- Tank Effective Volume (approx) 9 litres
- Tank Internal Dimensions LxWxD (approx) 300 x 240 x 200 mm
- Unit External Dimensions LxWxD (approx) 365 x 278 x 321 mm
- Basket Internal Dimensions LxWxD (approx) 250 x 190 x 115 mm (supplied separately)
- Weight (approx) 7.5 kg
- Mains Voltage Unit 220-240
- Ultrasound Frequency (kHz) 37
- Power Consumption Total 1000 Watts
- Ultrasonic Power Effective 200 Watts • Ultrasonic Peak Power Max. 800 Watts
- Heating Power 800 Watts
- · Lid (U9810) Supplied Additionally

Code	Description	UOM	Price
U9791	12.75 litre (S120H) Elma	EACH	£1,065.00

18 litre (S180H) Elma



- Tank Max. Volume (approx) 18 litres
- Tank Effective Volume (approx) 12.9 litres
- Tank Internal Dimensions LxWxD (approx) 327 x 300
- Unit External Dimensions LxWxD (approx) 390 x 340 x 321 mm
- Basket Internal Dimensions LxWxD (approx) 280 x 250 x 115 mm (supplied separately)
- Weight (approx) 8.5 kg
- Mains Voltage Unit 220-240
- Ultrasound Frequency (kHz) 37
- Power Consumption Total 1000 Watts
- Ultrasonic Power Effective 200 Watts
- Ultrasonic Peak Power Max. 800 Watts
- Heating Power 800 Watts
- Lid (U9812) Supplied Additionally

Code	Description	иом	Price
U9792	18 litre (S180H) Elma	EACH	£1,350.00

28 Litre (S300H) Elma



- Tank Max. Volume (approx) 28 litres
- Tank Effective Volume (approx) 20.6 litres
- Tank Internal Dimensions LxWxD (approx) 505 x 300
- Unit External Dimensions LxWxD (approx) 568 x 340 x 321 mm
- Basket Internal Dimensions LxWxD (approx) 455 x 250 x 115 mm (supplied separately)
- Weight (approx) 11 kg
- Mains Voltage Unit 220-240
- Ultrasound Frequency (kHz) 37
- Power Consumption Total 1500 Watts Ultrasonic Power Effective 300 Watts
- Ultrasonic Peak Power Max. 1200 Watts
- Heating Power 1200 Watts
- · Lid (U9813) Supplied Additionally

Code	Description	UOM	Price
U9793	28 Litre (S300H) Elma	EACH	£1,695.00





Cleaning & Rinsing Fluids

See From Page 1161

Elma "P" Line (Industrial Use) **Multi-frequency & Digital**





Multi-frequency & Digital - Elmasonic P

The new ultrasonic unit series; digital units most easy to operate

Elmasonic P represents Elma's most universally applicable and technically best-featured series.

- Degas
- Sweep
- Pulse

The units of the new Elmasonic series have even more features than the well-known Elmasonic S units. The digital units are most easy to operate and show all relevant values simultaneously in one display, such as preset cleaning time, remaining time, temperature and all other parameters.

The units are more powerful and can be operated at two different frequencies:

- 37kHz (as Elmasonic S) for standard cleaning iobs
- 80kHz for very difficult cleaning items

Difficult items in particular, tiny holes and clearances are reached by the ultrasound and thoroughly cleaned (e.g. clearances between stone and setting on jewellery). A beautiful side effect of the high frequency is its virtually silent operation.

Coarse cleaning jobs require the 37kHz frequency, for fine cleaning jobs the silent 80kHz frequency can be chosen.

In the event of a required power increase, the operator can activate "Pulse". This function increases the peak power and so removes even tenacious contaminations.

- For Tank specifications see "more info"
- 220 to 240 Volt (if you require a different voltage, please submit an online support request under "products and stock new item requests (excluding watch & clock parts by brand and movements)")

Elma's Principle UK Distributor





2.75 litre (P30H) Elma



- Chamber 240 x 137 x 100mm (LxWxD)
- Includes Lid
- Basket = U9796 (Supplied separately)

Code	Description	UOM	Price
U32111	2.75 litre (P30H) Elma	EACH	£775.00

5.75 litre (P60H) Elma



- Chamber 300 x 151 x 150mm (LxWxD)
- Lid = U9809 (Supplied separately)
- Basket = U9800 (Supplied separately)

Code	Description	UOM	Price
U32112	5.75 litre (P60H) Elma	EACH	£895.00

6.90 litre (P70H) Elma



- Chamber 505 x 137 x 100mm (LxWxD)
- Basket = U34906 (Supplied separately)
- Lid = U34905 (Supplied separately)

Code	Description	ИОМ	Price
U32113	6.90 litre (P70H) Elma	EACH	£1,095.00



12.75 litre (P120H) Elma



- Chamber 300 x 240 x 200mm (LxWxD)
- Basket = U9802 (Supplied separately)
 Lid = U9810 (Supplied separately)

Code	Description	иом	Price
U32114	12.75 litre (P120H) Elma	EACH	£1,495.00

18 litre (P180H) Elma



- Chamber 327 x 300 x 200mm (LxWxD) Basket = U9803 (Supplied separately)
- Lid = U9812 (Supplied separately)

Code	Description	иом	Price
U32115	18 litre (P180H) Elma	EACH	£1,665.00

28 litre (P300H) Elma



- Chamber 505 x 300 x 200mm (LxWxD)
- Basket = U9804 (Supplied separately)
- Lid = U9813 (Supplied separately)

Code	Description	иом	Price
U32116	28 litre (P300H) Elma	EACH	£1,895.00



Elma X-Tra TT (Industrial Use)



Brand new Elmasonic xtra TT tank range. Powerful table top units in a class of their own.

- · Powerful table top units designed for heavy duty use and applications
- Permanently integrated sweep function ensures the even distribution of the ultrasonic waves
- On/off dynamic function which increases the peak ultrasonic performance. This improves the effectivity of cleaning and makes it possible to remove even the most stubborn of contaminants
- Settable temperature limit with LED light indicating when the temperature has been reached
- Temperature controlled auto start function. The ultrasound will start when the desired bath temperature has been reached
- · Individual timer and heater knobs
- Quick & easy draining via the integrated
- grain valve

 Sloping trough base ensures easy draining of the used bath solution
- · Automatic safety shutdown after 8 hours of continuous operation
- Automatic safety shutdown if the bath temperature reaches 90°C
- Stainless steel construction (cavitation resistant)
- Supplied with stainless steel lid
- 3 year warranty
- Detachable power cord

Specifications:

- Ultrasonic frequency: 37kHz
- Temperature adjustable from 30° to 80°C
- Short term operation settable from 1 to 30
- · Continuous operation function also available
- Stainless steel
- 220 to 240 Volt (if you require a different voltage, please submit an online support request under "products and stock new item requests (excluding watch & clock parts by brand and movements)")
- Made in Germany, made by Elma

See website "more info" for individual specifications

3 Litre (xtra TT 30H)



- Xtra TT 30H
- 3 litre maximum capacity
- Trough internal dimensions: 240 x 130 x 100mm
- Unit overall dimensions: 360 x 230 x 250
- Weight: 6Kg
- Elma 107 6475

• Corresponding basket is our code U47822 (available separately)

Code	Description	иом	Price
U47818	3 Litre (xtra TT 30H)	EACH	£815.00

6.5 Litre (xtra TT 60H)



- Xtra TT 60H
- 6.5 litre maximum capacity
- Trough internal dimensions: 300 x 150 x 150mm
- Unit overall dimensions: 420 x 250 x 300
- Weight: 10KgEma 107 6476
- Corresponding basket is our code U47823 (available separately)

Code	Description	UOM	Price
U47819	6.5 Litre (xtra TT 60H)	EACH	£1,085.00

14 Litre (xtra TT 120H)



- Xtra TT 120H
- 14 litre maximum capacity
- Trough internal dimensions: 300 x 240 x 200mm
- Unit overall dimensions: 400 x 340 x 350
- Weight: 11Kg
- Ema 107 6477
- Corresponding basket is our code U47824 (available

Code	Description	иом	Price
U47820	14 Litre (xtra TT 120H)	EACH	£1,635.00





18 Litre (xtra TT 200H)



- Xtra TT 200H
- 18 litre maximum capacity
- Trough internal dimensions: 320 x 280 x 200mm
- Unit overall dimensions: 420 x 390 x 330
- Weight: 13KgElma 107 6478
- Corresponding basket is our code U47825 (available separately)

Code	Description	иом	Price
U47821	18 Litre (xtra TT 200H)	EACH	£1,895.00

Baskets "Elma Specific"



Manufactured by Elma to fit precisely with their range

- · High quality, Elma made baskets, manufactured with the highest grade stainless steel
- Non corrosive
- Fine mesh, each square measuring 5.5mm square, surrounded by stainless steel walls
- Dimensions given: Length x Width x Depth (Elma tank

Elma Tank Reference x Basket Internal Dimension

- E10H = 177 x 73 x 30mm
- E15H = 112 x 103 x 50mm
- E30H = $198 \times 106 \times 50$ mm
- E60H = 255 x 115 x 75mm • E120H = 250 x 190 x 115mm
- $P30H = 198 \times 106 \times 50mm$
- P60H = 255 x 115 x 75mm
- P70H = 465 x 106 x 50mm
- $P120H = 250 \times 190 \times 115mm$
- P180H = 280 x 250 x 115mm • P300H = 455 x 250 x 115mm
- $S10H = 177 \times 73 \times 30mm$
- $S15H = 112 \times 103 \times 50 \text{mm}$
- S30H = 198 x 106 x 50mm
- S40H = 190 x 105 x 75mm • S60H = $255 \times 115 \times 75$ mm
- S100H = 255 x 200 x 75mm
- S120H = 250 x 190 x 115mm
- S180H = 280 x 250 x 115mm • S300H = 455 x 250 x 115mm
- X-tra 30 = 224 x 144 x 48mm
- X-tra $50 = 224 \times 114 \times 76 \text{mm}$
- X-tra $70 = 284 \times 134 \times 76 \text{mm}$
- X-tra 150 = 281 x 224 x 135mm
- Xtra TT S30H = 196 x 112 x 48mm • Xtra TT S60H = $257 \times 132 \times 73$ mm
- Xtra TT S120H = 263 x 223 x 114mm

Elma^{*}

UALUE

• Xtra TT S200H = 280 x 250 x 114mm

Code	Description	UOM	Price
B48326	Basket Support Clip, Elma 107 2099	EACH	£3.95
U9795	112 x 103 x 50mm (E15H, S15H)	EACH	£24.50
U9794	177 x 73 x 30mm (E10H, S10H)	EACH	£26.95
U9799	190 x 105 x 75mm (S40H)	EACH	£35.95
U47822	196 x 112 x 48mm (xtra TT 30H)	EACH	£69.95
U9796	198 x 106 x 50mm (E30H, P30H, S30H)	EACH	£29.95
U9553B	224 x 114 x 76mm (X-Tra 50H)	EACH	£59.95
U9552B	224 x 144 x 48mm (X-Tra 30H)	EACH	£59.95
U9802	250 x 190 x 115mm (E120H, P120H, S120H)	EACH	£112.75
U9800	255 x 115 x 75mm (E60H, P60H, S60H)	EACH	£43.95
U9801	255 x 200 x 75mm (S100H)	EACH	£89.95
U47823	257 x 132 x 73mm (xtra TT 60H)	EACH	£99.95
U47824	263 x 223 x 114mm (xtra TT 120H)	EACH	£118.95
U47825	280 x 250 x 114mm (xtra TT 200H)	EACH	£144.95
U9803	280 x 250 x 115mm (P180H, S180H)	EACH	£115.00
U9555B	281 x 224 x 135mm (X-Tra 150H)	EACH	£79.95
U9554B	284 x 134 x 76mm (X-Tra 70H)	EACH	£69.95
U9804	455 x 250 x 115mm (P300H, S300H)	EACH	£139.95
U34906	465 x 106 x 50mm (P70H)	EACH	£108.95
Price breaks available, see website			

Baskets "L&R Specific"



Manufactured by L&R to fit precisely with their range of ultrasonic tanks.

- High quality, L&R made baskets, manufactured with the highest grade stainless steel
- Non corrosive
- Fine mesh, each square measuring 5.5mm square, surrounded by stainless steel walls
- Each basket is supplied with 4 noise reducing pads
- Dimensions given: Length x Width x Depth (L&R) tank reference)

L&R Tank Reference x Basket Internal Dimension

- Q90 = 190 x 127 x 76mm
- Q140 = 226 x 127 x 76mm
- Q210 = 287 x 127 x 114mm
- Q360 = 287 x 222 x 127mm

Code	Description	UOM	Price
U48781	190 x 127 x 76mm (Q90)	EACH	£69.95
U48782	226 x 127 x 76mm (Q140)	EACH	£85.95
U48783	287 x 127 x 114mm (Q210)	EACH	£105.00
U48784	287 x 222 x 127mm (Q360)	EACH	£129.95

Self Gripping Tweezers See Page 1042

Watch Bracelet Protection Tape

See Page 1192



Basket for Watch Servicing, Elma

Basket for Watch Servicing Purposes, Elma 1032059



Special plastic-coated stainless steel basket, perfect for the ultrasonic cleaning of single parts of dissassembled wrist watches.

Basket Compartments:

- 2 rows of hooks for watch straps
- 5 compartments for blanks, 10mm
- 5 compartments for watch cases, 20mm
- 1 additional detachable basket with 5 compartments for small pieces.

Dimensions:

- Width: 85mm
- · Length: 200mm
- · Length with handles: 300mm
- · Basket base to handles (height): 140mm

See PDF.

Code	Description	иом	Price
C32105	Basket for Watch Servicing Purposes, Elma 1032059	EACH	£148.95

<u>Baskets & Pots</u>

Large range of cleaning accessories perfect for the everyday cleaning work undertaken in a busy workshop.

- Keep your jewellery/watch works components safe and together while cleaning
- A large range of sizes and styles, branded and non-branded

Ø55mm, Non EU

- Basket Depth 12mm
- Internal Ø52mm
- Overall height 70mm
- · Light weight, plastic basket
- Great value
- Please note not to be used with pickling/sulphuric acids



Code	Description	иом	Price
S39272	Ø55mm, Non EU	EACH	£0.95

Protective Labels for Watch Case Backs

See Page 1193



HOS OLIC

Ø59mm, Elma

Elma 2070540000

- Basket depth 55mm
- Internal diameter Ø50mm
- Lightweight, super fine thick mesh basket
- Stainless steel, non-corrosive
- The super fine mesh makes this ideal for harbouring jewellery with fine components, such as gemstones, or small watch parts
- Can also be used to hold items whilst steam cleaning
- Please note not to be used with pickling/sulphuric acids

Code	Description	иом	Price
U1823	Ø59mm, Elma	EACH	£32.85

Ø70mm, Non EU

- Basket Depth 50mm
- Internal Ø70mm
- Overal height 150mm
- Light weight, super fine mesh basket
- Stainless steel
- Hold this basket from its handle into the ultrasonic machine when cleaning
- The super fine mesh is ideal for harbouring jewellery and fine components, particularly when containing gemstones, etc.
- Made from stainless steel ensuring no rusting
- Can be used to hold items when steam cleaning
- Please note not to be used with pickling/sulphuric

Weight: 45g

Code	Description	иом	Price
C31903	Ø70mm, Non EU	EACH	£4.95

Ø74mm, Elma

Elma 2070380000

- Ø74 mm x Height 50 mm
- Hostalen Immersion Basket
- For all types of appliance



Elmai

Code	Description	иом	Price
U4808	Ø74mm, Elma	EACH	£7.15

Ø80mm Pot & Lid (Blue) Elma

Elma 2000001582 - Blue

- Size: inner pot diameter 80mm x 45mm
- Pots capacity for fluid 175ml
- Weight: 365grm

To fit Elma tank S10H or larger. Fill the pots with cleaning or rinsing solution & place into your tank. Ensure you have fluid in your tank surrounding the pots and the ultrasonic will work through these pots



providing additional cleaning environments within the

- Excellent for cleaning and rinsing your items in one machine using two pots
- Your will find there is no risk on losing components during cleaning
- · Use the different coloured pots (blue and white) to differentiate the cleaning and rinsing processes

Code	Description	иом	Price
U32211	Ø80mm Pot & Lid (Blue) Elma	EACH	£4.25

Elma

Ø80mm Pot & Lid (White) Elma

Elma 2000001581 - White

- · Size: inner pot diameter 80mm x 45mm
- · Pots capacity for fluid 175ml
- Weight: 365grm

To fit Elma tank S10H or larger. Fill the pots with cleaning or rinsing solution & place into your tank. Ensure you have fluid in your tank surrounding the pots and the ultrasonic will work through these pots providing additional cleaning environments within the

- Excellent for cleaning and rinsing your items in one machine using two pots

 • Your will find there is no risk on losing components
- during cleaning
- Use the different coloured pots (blue and white) to differentiate the cleaning and rinsing processes

Code	Description	иом	Price
U32210	Ø80mm Pot & Lid (White) Elma	EACH	£4.25

120 x 75 x 40mm, Non EU VALUE



- · CousinsUK Ultrasonic fine mesh basket
- Recommended to fit U9785
- Very fine mesh, excellent for items with gemstones, preventing them from falling loose in your tank (5 squares per 1cm²)
- Overall size: 210 x 75 x 45mm
- Internal basket size: 120 x 75 x 40mm
- Made in India
- · Weight: 100g

Code	Description	иом	Price
C36478	120 x 75 x 40mm, Non EU	EACH	£11.95

130 x 100 x 40mm, Non EU



· Light weight, super fine mesh basket with two hanging clips.

- Hang this basket on the side of the ultrasonic
- machine when cleaning.

 The super fine mesh is ideal for harbouring jewellery and fine components, particularly when containing gemstones, etc.
- Made from stainless steel ensuring no rusting.
- Will fit most standard ultrasonic machines including Cousins Material House 'S' and 'E' ranges (please note: will not fit model S10H (U9785)
- Clip size maximum opening 20mm
- · Can be used to hold items when steam cleaning
- Stainless steel

Size: Internal 130mm x 100mm x 40mm Weight: 70g

Code	Description	UOM	Price
C31902	130 x 100 x 40mm, Non EU	EACH	£8.95

200 x 105 x 90mm, Non EU Value



- CousinsUK ultrasonic fine mesh basket
- Recommended to fit U9782, U9787 and U9788 ultrasonic tanks
- · Very fine mesh, excellent for items with gemstones, preventing them from falling loose in your tank (10 squares per 1cm²)
- Overall size: 300 x 105 x 90mm
- Internal basket size: 200 x 105 x 90mm
- · Made in India
- Weight: 225g

Code	Description	UOM	Price
C36484	200 x 105 x 90mm, Non EU	EACH	£9.95

Beakers & Beaker Holders

Selection of apparatus ideal for all your watch/ jewellery components cleaning needs.

- Its amazing that you can use a glass beaker inserted in a tank and the ultrasonic high frequency sound waves permeate the glass to clean your components
- Simply purchase a support tray and place your beaker with solution in the solution already in the tank
- Using beakers ensures that no parts can be lost

600ml Glass Beaker with Lid, Elma



Elma 2070360000

- Glass Beaker 600ml with Lid
- 600ml = Ø81mm

· 140mm height

Code	Description	UOM	Price
U1822	600ml Glass Beaker with Lid, Elma	EACH	£10.95

1000ml Glass Beaker with Lid. Elma



Elma 2070350000

- Glass Beaker 1000ml with Lid 1000ml = Ø95mm
- 150mm height

Code	Description	UOM	Price
U5312	1000ml Glass Beaker with Lid, Elma	EACH	£23.50

Beaker Lid (S10H) Elma

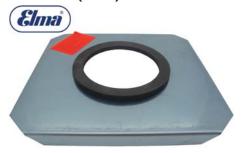


Elma 2070520000

- Stainless Steel
- 205 x 100mm Cover (underside between inner lip measurements)
- Cover Holes Ø84mm x2
- ID Ø75 x External Ø95mm Jar Gaskets
- Jar reference U1822

Code	Description	иом	Price
U1821	Beaker Lid (S10H) Elma	EACH	£19.95

Beaker Lid (S15H) Elma



Elma 20700290000

- Stainless Steel
- 177 x 164mm Cover (underside between inner lip measurements)
- Cover Holes Ø95mm x1
- ID Ø75 x External Ø95mm Jar Gasket
- · Jar reference U1822 or U5312

Code	Description	иом	Price
U32402	Beaker Lid (S15H) Elma	EACH	£37.80

Beaker Lid (S30H) Elma



Elma 2070300000

- Stainless Steel
- 265 x 164mm Cover (underside between inner lip measurements)
- Cover Holes Ø95mm x2
- ID Ø75 x External Ø95mm Jar Gaskets
- Jar reference U1822 or U5312

Code	Description	UOM	Price
U7885	Beaker Lid (S30H) Elma	EACH	£30.95

Beaker Lid (S60H) Elma





Elma 2070930000

- Stainless Steel
- 325 x 175mm Cover (underside between inner lip measurements)
- Cover Holes Ø95mm x2
- ID Ø75 x External Ø95mm Jar Gaskets Jar reference U1822 or U5312

Code	Description	иом	Price
U32403	Beaker Lid (S60H) Elma	EACH	£44.95

Beaker Lid (xtra TT S30H) Elma



Elma 1004535

- Stainless Steel
- 315 x 205mm Cover (underside between inner lip measurements)
- Cover Holes Ø95mm x2
- ID Ø75 x External Ø95mm Jar Gaskets
- Jar reference U1822 or U5312

Code	Description	иом	Price
U47826	Beaker Lid (xtra TT S30H) Elma	EACH	£37.95

Beaker Lid (xtra TT S60H) Elma



Flma 1004536

- Stainless Steel
- 375 x 225mm Cover (underside between inner lip measurements)
- Cover Holes Ø95mm x2

• ID Ø75 x External Ø95mm Jar Gaskets

• Jar reference U1822 or U5312

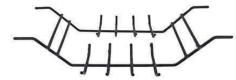
Code	Description	иом	Price
U47827	Beaker Lid (xtra TT S60H) Elma	EACH	£62.95

Immersion Rails & Racks

Great to hang rings and parts while cleaning.

- Ideal for batch work, hooks are positioned so rings will not touch each other, ensuring the whole surface of your item is cleaned
- Bracelet holder also available

16 Peg Immersion Rack



- Maximum Length 235mm
- Maximum Width 140mm
- Plastic Coated Metal

Code	Description	иом	Price
U6285	16 Peg Immersion Rack	EACH	£3.15

16 Peg Immersion Rack



- Maximum Length 180mm
- Maximum Width 100mm
- Steel

Code	Description	UOM	Price
B45746	16 Peg Immersion Rack	EACH	£3.95

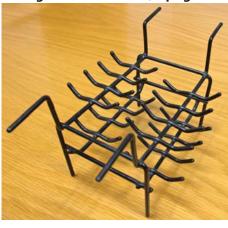
16 Peg Immersion Rack, Upright



- Approx. 120 x110mm, without arms
- Plastic Coated Metal

Code	Description	иом	Price
U6288	16 Peg Immersion Rack, Upright	EACH	£3.65

32 Peg Immersion Rack, Upright



- · Approx. 250 x140mm, without arms
- Plastic Coated Metal

Code	Description	UOM	Price
U6287	32 Peg Immersion Rack, Upright	EACH	£3.95

Rail (300mm) 8 Hooks



The rail spans the top of an ultrasonic tank while the jobs suspended on the hooks will be submerged in the liquid and cavitation stream for maximum ultrasonic efficiency.

- Immersion rail
- Rigid coated metal rail
- 300mm long
- 8 hooks
- 45mm hook drop
- Individual hooks can be removed or replaced
- · Hooks moved to desired positions along the rail

Code	Description	иом	Price
U9833	Rail (300mm) 8 Hooks	EACH	£3.15



Code	Description	UOM	Price
U6288	16 Peg Immersion Rack, Upright	EACH	£3.65

Rail (360mm) 12 Hooks



The rail spans the top of an ultrasonic tank while the jobs suspended on the hooks will be submerged in the liquid and cavitation stream for maximum ultrasonic efficiency.

- Immersion rail
- Rigid coated metal rail
- 360mm long
- 12 hooks • 45mm hook drop
- Individual hooks can be removed or replaced
- · Hooks moved to desired positions along the rail

Code	Description	иом	Price
U9834	Rail (360mm) 12 Hooks	EACH	£4.10



Rail Hooks

- Fits Rails U9833 or U9834
- Replacement Plastic Hooks
- Pack of 10



Elma

Elma

Code	Description	иом	Price
U9835	Rail Hooks	PACK*10	£2.20

Stand (Bracelet), Elma

Elma 2070470000

- Diameter Ø80mm (approximate)
- 150mm overall height (approximate)
- 7 Vertical Spokes
- Stainless Steel
- Stretches watch bracelets to maximise cleaning
- Can be used for Rings etc.

Code	Description	иом	Price
U8798	Stand (Bracelet), Elma	EACH	£15.95

Stand (Ring), Elma

Elma 2070460000

- Diameter Ø90mm (approximate)



Code	Description	иом	Price
U4807	Stand (Ring), Elma	EACH	£9.85

Stand (Ring)

- Diameter Ø75mm (approximate)
- 170mm overall height (approximate)
- 6 Spokes
- Stainless Steel
- For Rings etc.



Code	Description	UOM	Price
S42898	Stand (Ring)	EACH	£2.95

Lids & Covers



Elma - Germany

- For series E, S, P & X-Tra Elma Tanks
- · Keeps the heat trapped in the solution
- · Reduces the smell of solutions particularly if ammonia

• Prevents any splashback, keeping electronic equipment safe and your work station clean and dry

Code	Description	иом	Price
U9805	S10H (Lid) Elma 1003278	EACH	£8.20
U9806	E15H, S15H (Lid) Elma 1003280	EACH	£11.60
U9807	E30H, P30H, S30H, S40H (Lid) Elma 1003281	EACH	£15.50
U9809	E60H, P60H, S60H (Lid) Elma 1003282	EACH	£19.95
U34905	P70H (Lid) Elma 1003283	EACH	£20.45
U9810	S100H, E120H, P120H, S120H (Lid) Elma 1003285	EACH	£28.95
U9812	S180H (Lid) Elma 1003286	EACH	£31.95
U9813	P300H, S300H (Lid) Elma 1003287	EACH	£44.50
U9552A	X-Tra 30H,50H (Lid) Elma 1001461	EACH	£27.95
U9554A	X-Tra 70H (Lid) Elma 1001476	EACH	£42.30
U9555A	X-Tra 150H (Lid) Elma 1001487	EACH	£46.80

Elma Replacement Spare Parts



Ultrasonic Tank - Spare Parts - Elma Replacement parts available.

- Control Circuit Board (240v or 110v)
- Drain Knob
- Drain Value
- Heating Knob
- Timing Knob

Code	Description	иом	Price
U40544	Control Circuit Board for S30H (110 Volt)	EACH	£139.95
U30569	Control Circuit Board for S30H (240 Volt)	EACH	£129.95
U20969	Drain Knob for "S" Series	EACH	£9.15
U37432	Drain Valve for "Xtra" Series	EACH	£21.95
U37430	Timer/Heating Knob for "S" Series	EACH	£11.50
U37431	Timer/Heating Knob for "Xtra" Series	EACH	£15.65





Contact Services **Your direct** line to our

Management

All correspondence is time stamped and answered within 1 hour of receipt

Instant



Adam



Customer Service Second To None



FLUID OFFER





Description:		Ref:	Price:
L&R 111 Watch Cleaning Fluid	3.8 litres	F2805	£34.75
L&R 566 Watch Cleaning Fluid	3.8 litres	F2806	£35.75
L&R No3 Watch Cleaning Fluid	3.8 litres	F2804	£34.75
L&R Ultrasonic Watch Rinsing Fluid	3.8 litres	F2802	£32.95
L&R 677 Clock Cleaning Fluid	3.8 litres	F2792	£35.75
L&R Clock Cleaner Concentrate Fluid	3.8 litres	F2794	£39.75
L&R Clock Lube	3.8 litres	F47529	£34.95
L&R Jewellery Cleaner, Ammoniated	3.8 litres	F2799	£28.75
L&R Jewellery Cleaner, Non Ammoniated	3.8 litres	F31029	£30.95
L&R Extra Fine Watch Cleaning Fluid	3.8 litres	F19542	£35.95

	orolene
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<u>Description:</u>		Ref:	Price:
Horolene Clock Concentrate	250 ml	F6472	£9.45
	500 ml	F6473	£13.75
	1 litre	F6474	£21.95
	2.5 litres	F6475	£38.95
	5 litres	F2808	£68.75



An improved extra strong cleaner for the escapement inclusive of hairspring.

<u>Description:</u>		Ref:	Price:
Bergeon F45 Solution	1 litre 5 litres	F2813 F2814	£39.95 £145.00
Bergeon Rubisol Cleaning Fluid	5 litres	F2815	£125.00

Greiner

<u>Description:</u>	Ref:	Price:
Greiner Watch Cleaning Concentrate 50 ml	F7330	£7.50

Elm	8
Gilli	
Description:	

New Formula

Description:		Ref:	Price:
Elma WF Pro Cleaner - (New Formula)	2.5 litres	R37683	£23.95
	10 litres	R37684	£78.95
	25 litres	R37685	£175.00
Elma Surprol Pro Rinse - (New Formula)	2.5 litres	R37686	£23.95
	10 litres	R37687	£89.95
	25 litres	R37688	£189.95



Description:	Ref:	Price:
Silver Dip2 li	tres P865	9 £10.95
Silver Polish	tres P326	62 £13.00
Ultrasonic Jewel Clean2 li	tres P865	8 £13.75

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				₩	200

Best seller for over a decade

Description:	Ref:	Price:
Cousins Jewellery Cleaner 1 litre	C4362	£7.95
5 litres	C4363	£34.95

YOUR ORDER DELIVERED FREE* WHEN YOU INCLUDE 4 OR MORE GALLONS









In the months of February & August only Include 4 or more gallons with your order and get the whole delivery free carriage

*OFFER AVAILABLE TO UK MAINLAND EXCLUDING NORTH OF EDINBURGH & GLASGOW, ABOVE EDINBURGH & GLASGOW DELIVERY HALF PRICE. OFFSHORE ISLANDS PLEASE ASK FOR COMPETITIVE DELIVERY QUOTE.