

# Magnetest II

Manual

english

The Instrument MAGNOTEST II measures the 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.

## Control and display:

Connector for power - transformer  
ø 3,5 mm

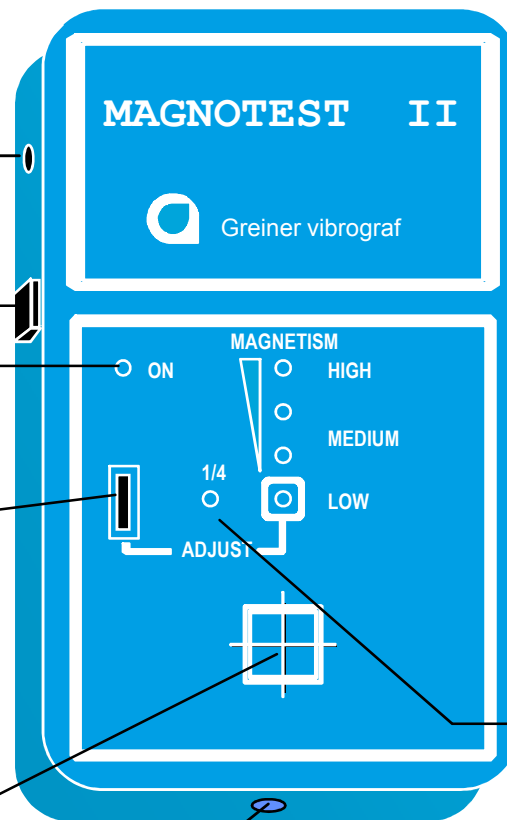
ON and OFF switch

Ready light. Lights up if Magnetest II is switched on.

Adjust button.  
For fine adjustment of Magnetest II.  
(Without an object) turn the button to switch off all red lights.

Testpoint :  
The object has to be put onto this center point for testing.

Adjust screw.  
Only to be used for 1st use (if necessary) or change of workplace.



Press and it will divide the reading by 4. Use when object has strong magnetic reading



Change of batteries:  
The battery box is situated at the rear of the Magnetest II.  
- Check polarity -

# Manual

## 1 Working conditions:

- 1.1 Power supply 4 batteries UM3  
or power - transformer 6 volt DC (min. 100mA).
- 1.2 Workplace Do not use the Magnotest II near magnetic fields like :  
transformers, speakers, motors etc.
- 1.3 Temperature. Use the Magnotest II in room-temperature.

## 2. Putting into operation:

- 2.1 Switch on : Press switch on left side (yellow LED (ON) lights up  
Warming-up time: ca. 2 minutes
- 2.2 First operation and change of  
workplace: Turn regulating device (Adjust) to ca. middle position  
(white line shows ) and turn in front the calibration  
potentiometer until all red lamps are off. Turn this small  
screw with plastic screwdriver only.

## 3. Measuring:

- Important: If not all red lights have gone off before testing an  
object, following adjustment has to be made.
- 3.1 Adjustment Magnotest without object - turn regulating device in such  
a manner until all red lights have gone off.
- 3.2 How to measure Put the object to be measured direct onto the center point.  
Longish objects like screws etc. usually signal a stronger  
magnetism at their head or face.  
For small objects you must use a pair of tweezers made  
of brass.
- 3.3 Interpretation of the  
deflection : Relative values are being shown.  
This shows if an object is strong, weak or not at all  
magnetic.
- 2 or 3 red lamps  
light up : The object is relatively weak magnetic and can be demag-  
netized with the Greiner Magnomatic until all lamps are off.
- 4 red lamps light  
up : The object is relatively strong magnetic. Press weakener  
(1/4); this will show a quarter of the effective magnetism.  
Demagnetize the object with the Greiner Magnomatic until  
it shows a noticeable weaker magnetism without using the  
weakener (1/4).

**To remove the magnetism of an object, we recommend the Greiner MAGNOMATIC.**

**Technical data :**

Power supply transformer : 230 / 115 V / 6V=  
Batterie : 4 x UM3  
Weight : 220 g  
Dimensions : 16 x 10 x 3.5 cm

