LEADING SWISS PRODUCTS

Quartz Microphone



Pickup for electronic watches to device Chronoscope S1 (G2)

Together with the optional «quartz microphone» for electronic watches, large numbers of electronic watches can be measured with a non-contact system.

In the case of analogue quartz watches, the current rate,

inhibition period, corrected rate, power level and pulse width are measured.

The current rate can be specified in the case of watches with a liquid crystal display and tuning fork watches.



Quartz Microphone

Technical data

Chronoscope S1 (G2) in test mode Quartz

Measurement of Analogue Quartz Watches Measurement of rate deviation

Measuring range: ± 99.9 s/d Resolution: 0.01 s/d 0.01 s/d Accuracy:

Motor pulse

Interval: 1, 2, 2.5, 5, 10, 20, 30 and 60 s

Inhibition Interval:

10, 20, 60, 120, 240, 480 und 960 s Automatic detection up 60 s

Power level motor

Measuring range: 37.5% t 100% Resolution: 1% Graphic: in steps of 6.25%

Pulse width

Resolution:

Accuracy:

Measuring range: 3.9 to 20 ms

Measurement of LCD Quartz Watches

0.01 s/d 0.01 s/d

Measurement of rate deviation Measuring range: ± 99.9 s/d

LCD Operating frequency Measuring range: 32 and 64 Hz

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-0.0/s/d			00		
Rate properties					G
Pulse period	1.0 s				
Inhibition	Found 60 s				
Rate quartz	3.08 s/d				!~
Pulse properties					8
Pulse width	7.9 ms	0 ms		10 ms	Y
Power level motor	72%	0%		100%	
Acquisition properties					
Signal strength	89%	0%		100%	
s/d Electronic watch	Integration time Automatic (60)				

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0.53s/d		01
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	Rate in s/d, averaged during 00:00:14	Ŷ
s/d Electronic watch	Integration time Automatic (10)	

Measurement of Tuning Fork Watches

Measurement of rate deviation

Measuring range: ± 99.9 s/d Resolution: Accuracy: Tuning fork

0.01 s/d 0.01 s/d

Integer frequencies possible

Frequency: 300, 341¹/₃, 360, 480 and 720 Hz

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s/d	Electronic watch Tuning fork 360 Hz	Integrationszeit Automatic (2)	200m 02			

Available from June 2014 Indicative price: CHF 745.00

Technical details subject to change

19.21D41e - 03/2014