

New Tech Handy II



New Tech Handy II, simple and compact!

For use in the repair service, the watchmaker needs a testing device with which he can easily carry out all electrical measurements and tests on quartz watches. The New Tech Handy II offers all the measuring and testing possibilities for expert troubleshooting of quartz watches.

Bench devices for simple and complete testing of quartz watches

New Tech Handy II measures the accuracy and power consumption of quartz clocks and movements and allows you to test other components such as coil resistance, insulation and battery voltage.

Compact all-in-one device

Operation is very convenient thanks to largely automated measuring sequences, functional arrangement of the operating elements and the clear and illuminated display for the results and parameters.

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- Compact and ergonomic measuring device for open and closed quartz watches
- A mirror allows a view of the dial for observation of the hands during all measurements
- Battery tester for low- and high drain batteries with switchable load resistors from 100 Ω , 2 k Ω and 2 M Ω
- Resistance and insulation test for checking coils
- Free-standing highly sensitive sensor units, also suitable for closed watches

General

Operation/display	Push buttons / illuminated LCD display
Languages	English (display, device labeling)
Interfaces	1x RS-232 for the connection of the Witschi thermo-printer, of a PC or the Witschi GPS receiver
Dimensions	260 x 130 x 150 mm (W x H x D)
Weight	1.5 kg
WiCoTRACE	no

Measurement

Measuring principle / measuring possibilities	Acoustic / capacitive / inductive For measuring gear deviation, current consumption, coil resistance, insulation and battery voltage
Rate	-300 ... +300 s/d
Rate (mech. watches) Beat rate	18'000, 19'800, 21'600 28'800, 36'000 A/h
Voltage (battery test)	0 ... 4.0 V
Current	10 nA ... 20 mA
Coil resistance and insulation	1 Ohm ... 15 MOhm

Measuring conditions

Measurement time	2 ... 480 s
Power supply	1 ... 3.0 V
Time base	OXCXO (\pm 0.004 s/d)