



Milliohmmeter PCE-MO 2002



**Milliohm Meter PCE-MO 2002
(Milliohm Meter with ruggedized and waterproof carrying case.
With highly accurate measurement range)**

This Milliohm Meter comes with a housing protected against water intrusion. With the Milliohm Meter PCE-MO 2002 Series you can measure from $100 \mu\Omega$ up to 2000Ω . With this Milliohm Meter measurement values are displayed by means of a LCD display with 3.5 digits and a good readability. Milliohm Meter detect the measurement value, a constant current is mated on the object is going to be measured and then the voltage drop is tested. It allows to measure resistance in coils, generators,

transformers, parallel and secondary circuits, commutators and relays. It measures binding energy in planes, rail systems, boats and electrical installations in both industry and home. It allows continuity tests in circularly systems (ring network) in industry and home. To test compression elements in airlines, testing works and maintenance of electric cupboards and elements such as fuses, connectors, and contacts. It comes calibrated from the manufacturer and an optional laboratory calibration and ISO certificate can be ordered separately for annual recalibrations.

- Measurement system with four conductors with alligator clips
- Selection of 5 measurement ranges
- 3 test currents with overheat fuse
- Surge fuse in measurement inputs.
- Big LCD display
- Elimination of the measurement resistance in conducts.
- Auto-Hold and Auto-Off function
- LED indication when the R_p , R_c and temperature permitted values are exceeded.
- Light weight, solid and compact
- Waterproof housing with ring seal
- Security: IEC-1010-1; CAT IV 20 V

Specifications:

	0 ... 200 m Ω / 100 $\mu\Omega$
Measurement ranges	0 ... 2000 m Ω / 1 m Ω 0 ... 20 Ω / 10 m Ω 0 ... 200 Ω / 100 m Ω 0 ... 2000 Ω / 1 Ω
Accuracy	± 0.5 % of the measurement value, ± 2 digits along the entire range of the operating temperature: -15 ... +55 °C (in measurements with the attached testing cables)
Test current	1 mA (range of 2000 Ω) 10 mA (range of 200/20 Ω) 100 mA (range of 2000 m Ω / 200 m Ω)
Test current accuracy	± 0.1 %
Max. output voltage (C1-C2)	20 V
Power	8 x 1.5 V (AA) batteries
Dimensions	250 x 190 x 110 mm
Weight	1.5 kg
Standard	IEC-1010-1; CAT IV 20 V

Delivery Scope

1x Milliohm Meter PCE-MO 2002,

1x testing cable set,

1x supporting strap,

8x batteries

1x user's manual.