

# Milliohm Meter PCE-MO 2002



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**(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 2000  $\Omega$ . 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

## Technical Specifications

	0 ... 200 mΩ / 100 μΩ
Measurement ranges	0 ... 2000 mΩ / 1 mΩ
	0 ... 20 Ω / 10 mΩ
	0 ... 200 Ω / 100 mΩ
	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 2000Ω)
	10 mA (range of 200/20 Ω)
	100 mA (range of 2000 m Ω/ 200 mΩ)
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

Subject to change

