Microohm-Meter PCE-MO 3001

MicroohmMeterPCE MO 3001
meter for the smallest resistances / 0.1 µΩ resolution / accumulatoroperated /
extensiveLCD /polycarbonate ABS casing /
EN 61010-1

Themicroohm meter PCE-MO 3001 is made to measure smallest electricalresistances. It uses four test cables that can be connected to themicroohm meter. The microohm meter uses two test cables and a constantcurrent source to allow stable current to flow within the measureddevice. The other two test cables measure the voltage drop. Due to thefact that this microohm meter is able to measure six differentmeasurement ranges with three different measured currents, the user hasthe chance to observe a wide range of current.

Themicroohm meter is mostly used in those fields where resistance need tobe estimated. Because of the measured current which can be set up to 1A, also the smallest resistances can be measured. The wide LCD and largebuttons of this microohm meter allow a comfortable use.

- Resolutionof up to 1µΩ
- Internal temperature surveillance
- Large LCD

- USB-interface
- Robust plastic case
- Internal accumulator

Subject to change

Specifications

Technicalspecifications of the microohm meter

Measurementrange / resolution / accuracy	2,000mΩ / 1 µΩ / ± (5 % + 5 digits) 20,00 mΩ / 10 µΩ / ± (4 % + 4 digits) 200,0 mΩ / 100 µΩ / ± (4 % + 4 digits) 2000 mΩ / 1 mΩ / ± (3 % + 4 digits) 20,00 Ω / 10 mΩ / ± (2 % + 4 digits) 200,0 Ω / 100 mΩ / ± (2 % + 4 digits)
Testcurrent	10mA (200 Ω area) 100 mA (20 Ω, 2 Ω areas) 1 A (200 mΩ, 20 mΩ, 2 mΩ areas)
Testcurrent accuracy	10mA ±1.5 % 100 mA ±2.0 % 1 A ± 3.0 %
Max.output voltage	0V rms
Powersupply	internalaccumulator
Casing	Polycarbonate,ABS
Weight	3.8 kg
Dimensions	330 x 260 x 160 mm
Norm	EN61010-1

More information

More product info

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