ELECTRICAL TESTER

PCE-MO 2006

- **4-wire measuring method**
- **5 selectable measuring ranges**
- **MAX/MIN/HOLD functions**
- **Automatic switch-off**
- **LC display 5.1 inch with illumination**
- **Internal memory**
- **Date and time display**

The electrical tester is a compact and precise measuring device with 5 selectable scale ranges for measuring resistances in the range from 0 mΩ . .. 2000 Ω. The use of the 4-wire measuring method enables a precise current flow through the measurement object while simultaneously measuring the voltage across it. Separate connections for current and voltage minimise errors and enable accurate resistance measurements.

Equipped with an integrated fuse (200 mA/600 V) and three test currents, it offers reliable protection and flexibility. The electrical tester complies with the CAT III 300V safety standard. The device has an internal memory that can store a maximum of 200 values, which can also be recalled via the display. In addition, the MAX/MIN/HOLD functions allow important values to be displayed. The electrical tester has a 5.1 inch LC display with backlighting. The robust housing (protection class IP65 with closed cover) enables use in harsh conditions, and the low battery indicator ensures the reliability of the device.

The electrical tester is a compact measuring device for precise resistance measurements in various industries.

Specification

Resistance	
Measurement range up to	0 ... 200 mΩ
Resolution	0,1 mΩ
Accuracy	±0.8 % of Rd
Resistance	
Measurement range up to	0 ... 2000 mΩ
Resolution	1 mΩ
Accuracy	±0.8 % of Rd
Resistance	
Measurement range up to	0 ... 20 Ω
Resolution	10 mΩ
Accuracy	±0.8 % of Rd
Resistance	
Measurement range up to	0 ... 200 Ω
Resolution	0,1 Ω
Accuracy	±0.8 % of Rd
Resistance	
Measurement range up to	0 ... 2000 Ω
Resolution	1 Ω
Accuracy	±0.8 % of Rd

General technical data	
Measuring functions	MIN, MAX, HOLD
Display type	LCD with backlight
Display size	5,1 Inch
Storage medium	Internal memory
Storage capacity	200 Measurements
Standard(s)	EN 61010-1, EN 61326-1
Automatic power-off	3 min
Safety standard	CAT III 300V
Measuring method	4-wire method for mΩ measurement
Test current	100 mA: 200.0 mΩ / 2000 mΩ 10 mA: 20.00 Ω / 200.0 Ω 1 mA: 2000 Ω
Fuse(s)	200 mA / 600 V
Menu language	English
Protection class (device)	IP65
Protection class (additional information)	Only with the lid closed
(Rechargeable) battery	8 x 1,5 V LR14 , Alkali-manganese
Capacity	7000 mAh
Operating conditions	0 ... 40 °C , 0 ... 80 % RH
Storage conditions	0 ... 40 °C , 0 ... 80 % RH
Dimensions (L x W x H)	245 x 190 x 130 mm
Weight	1500 g