



## Milliohmmeter PCE-MO 2001



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(supplied with a water resistant brief-case, for measuring ranges from 100  $\mu\Omega$  to 2000  $\Omega$ )

This Milliohmmeter is supplied with a large 3½ positions LCD display that shows the measurement values, which is very easy to read. With the Milliohmmeter you will be able to measure electric resistance from 100  $\mu\Omega$  to 2000  $\Omega$ . To obtain measurement values, a constant electric current is introduced inside an object to test the voltage drop in it. Milliohmmeter has a housing protected against water splash and also it is delivered calibrated. If you wish, an ISO calibration certificate can be requested.

- It can be used to measure electric resistance in engine coils, generators, transformers, commutation circuits, for instance in parallel or adjoining commutation circuits, compressed commutation circuits or commutators and relays.
- To measure binding energy in mines, planes, boats and also for both industrial and home installations.
- Pitch control in cyclic systems (Ringbus) to be used in industry and home.
- To test and measure Read contacts.
- Compression elements control in over line current cables, for the control and maintenance of components such as connectors, contacts.
- Security: IEC-1010-1; CAT II 20 V

## Specifications:

Ranges	0 ... 200 m $\Omega$ every 100 $\mu\Omega$ / 0 ... 2000 m $\Omega$ : 1 m $\Omega$ / 0 ... 20 $\Omega$ : 10 m $\Omega$ / 0 ... 200 $\Omega$ : 100 m $\Omega$ / 0 ... 2000 $\Omega$ : 1 $\Omega$
Accuracy	$\pm 0.75$ % of the value +4 pos. (range up to 20 $\Omega$ ) $\pm 0.75$ % of the value +2 pos. (from 20 $\Omega$ )
Resolution	0.1/ 1/ 10 m $\Omega$ ; 0,1/ 1 $\Omega$
Test current	1 mA (2000 $\Omega$ /200 $\Omega$ range) 10 mA (20 $\Omega$ /2 $\Omega$ range) 100 mA (200 m $\Omega$ range)
Accuracy	$\pm 0.1$ %
Measuring quota	aprox. 0.4 s
Zero reset	by hand: by means of a rotary wheel ( $\pm 50$ )
Overload indicator	In case of overload a "1" appears
Power	230/110 VAC, 50/ 60 Hz
Dimension of the tester	250 x 180 x 200 mm
cable length	50 cm (between the plug and the gripper)
Weight	680 g
Approval	IEC-1010-1; CAT II

## Delivery Scope

1x Milliohmmeter PCE-MO 2001,  
1x testing cables,  
1x AC cable  
1x user's manual