

MICROOHM METER 10A



Part No. MI3250

The MI3250 10A MicroOhm Meter is a very accurate portable low resistance meter using the four wire Kelvin method. It is suitable for measuring low resistances in switches, relays, connectors, cable joints, transformers, etc. It can be battery or mains powered.

- IEC 61010 CAT IV 300V
- Four wire low resistance meter
- Adjustable test current 1mA to 10A
- Auto & manual range
- High resolution measurement (24-bit Σ-Δ ADC)
- Temperature compensation
- Hi/LO limits
- Automatic thermal EMF elimination
- Four measurement modes – single, continuous, inductive and automatic
- 320 x 2400 dot matrix ICD
- RS323 serial communication
- Real time clock
- Memory 1000 storage points

EA QTY 1

Compliance and Safety	Meets IEC/EN61010-1 CAT 111 300V EMC – meets EN61326-1 CE.
Contents	The MI3250 is supplied in a gift box with instruction manual, CD with manual and software, test leads, Kelvin clamp leads and lead pouch.
Dimensions	L310 x W250 x T130mm
Batteries	6 x C size 1.2V NiMH supplied
Weight	2.8 kg

Feature					
Test Current	10A	1A	100mA	10mA	1mA
Power Output Max	20W	2W	0.2W	20 mW	2 mW
Output Voltage	3 V dc max	1 V dc max.			
Limits	1 µΩ to 2 kΩ				
Resistance Measurement	0 to 200 mΩ	0 to 2Ω	0 to 20Ω	0 to 200 Ω	0 to 2 Ωk
Resolution	0.1µΩ to 10µΩ	1µΩ to 100µΩ	10µΩ to 1mΩ	100µΩ to 10mΩ	10mΩ to 1Ω
Accuracy	±0.25% Rdg + 0.02% FS			±1% Rdg + 0.1% FS to 0.25%FS	

MILLIOHM METER



Part No. T4137

A professional instrument capable of very low resistance readings. Ideal for resistance measurements of motor windings, busbars and any electrical connection where accurate, low resistance readings are required.

- IEC61010 CAT IV 20V
- Lightweight
- Heavy duty robust carry case
- Waterproof when case closed
- 4 terminal measurement
- Large display
- Overload protection
- Auto 'off'/auto hold
- Max resolution 100µΩ
- Microprocessor controlled

EA QTY 1

Compliance and Safety	CE, IEC61010-1
Contents	Each T4137 comes with leads in a carry case and a shoulder strap.
Dimensions	Instrument L240 x W190 x T110mm Lead carry bag L250 x W190 x T110mm
Batteries	8 x 1.5V can use rechargeable
Weight	2.3kg
Alternative Option	230V powered version without batteries
Accessories	Spare Leads: AL34B

Resistance Range	Resistance Steps	Test Current	Accuracy
0-200.0 mΩ	100µΩ	100mA	1.0% ± 2
0 - 2.000 mΩ	1mΩ	100mA	0.8% ± 2
0 - 20.00 Ω	10mΩ	10mA	0.7% ± 2
0 - 200.0 Ω	100mΩ	10mA	0.7% ± 2
0 - 2000 Ω	1Ω	1mA	0.7% ± 2

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer’s instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.