

Micro Ohm Meter Delta 250



High Performance Calibration

Measuring low resistance with test current up to 250A, the Micro Ohmmeter is a compact and lightweight tool, perfect for use in the field.

Capable of bidirectional resistance measurements from 1 $\mu\Omega$ up to 1999 Ω and offering high overvoltage protection (CAT III / 600V) this portable low resistance ohmmeter is ideal for measuring a range of things, including switches, relays, connectors, power transformers, power inductors, wire and cable resistance and more.

Delta 250 Micro Ohmmeter can provide over 200 measurements when powered from an internal battery, able to be downloaded later using the included software. It contains a range of user-friendly features, such as pre-programmed limits offering a PASS / FAIL evaluation alongside bright green / red indicators for visual evaluation of results.

The Delta 250 safety features include an internal protection circuit to protect both user and instrument from any inadvertent connections to lines, Dual Ground testing and it's large backlit display offers easy to read data even in low light conditions.



- Large Liquid Crystal Display with backlight
- Test Current upto 250A
- Offering bidirectional resistance measurement from 1 $\mu\Omega$ up to 1999 Ω
- High overvoltage protection (CAT III / 600 V)
- Safety features including Internal protection circuit & Dual Ground testing
- 50 Hz / 60 Hz ripple detection and rejection
- Portable, Lightweight 1.5 Kg

Micro Ohm Meter Delta 250



Technical Specifications

Function	Range / Values												
Test Current	250 Amp												
Resistance Measurement Range	<table><thead><tr><th>Range</th><th>Resolution</th></tr></thead><tbody><tr><td>0.1 - 999.9 $\mu\Omega$</td><td>0.1 $\mu\Omega$</td></tr><tr><td>1.000 - 9.999 mΩ</td><td>0.001 mΩ</td></tr><tr><td>10.00 - 99.99 mΩ</td><td>0.01 mΩ</td></tr><tr><td>100.0 - 999.9 mΩ</td><td>0.1 mΩ</td></tr><tr><td>1000 - 1999 mΩ</td><td>1 mΩ</td></tr></tbody></table>	Range	Resolution	0.1 - 999.9 $\mu\Omega$	0.1 $\mu\Omega$	1.000 - 9.999 m Ω	0.001 m Ω	10.00 - 99.99 m Ω	0.01 m Ω	100.0 - 999.9 m Ω	0.1 m Ω	1000 - 1999 m Ω	1 m Ω
Range	Resolution												
0.1 - 999.9 $\mu\Omega$	0.1 $\mu\Omega$												
1.000 - 9.999 m Ω	0.001 m Ω												
10.00 - 99.99 m Ω	0.01 m Ω												
100.0 - 999.9 m Ω	0.1 m Ω												
1000 - 1999 m Ω	1 m Ω												
Accuracy	$\pm 1\%$ Of Reading ± 1 digit below 1999 $\mu\Omega$ $\pm 2\%$ Of Reading ± 1 digit above 1000m Ω												
Output Voltage	2.5 Volt												
Trigger input	Threshold voltage 8V												
Buzzer	Different buzzer sounds for Pass												
Storage	Logg & Save Data (Pass/Fail limit , Label, Timestamp, I max, I min, I Limit, Resistance, Meas. Time,)												
Data Logging/Memory	Yes 200 measurement												
Operating temperature	- 10 °C to 50 °C												
Storage temperature	- 20 °C to 60 °C												
Humidity	90% RH												
IP rating	IP54												
Safety	Meets the requirements of IEC 61010-1, CATIV 600 V												
EMC	2004/108/EC												
Weight	Instrument weight : 2kg 5 kg with accessories & Carrying Case												
Dimensions	320 mm x 200 mm x 380 mm												
Battery	Rechargeable NIHM battery												
Power	90 - 264 V rms AC Voltage												

Ordering Information

Code	Description
Delta250	Micro Ohm Meter Included accessories Kelvin test leads, Quick Reference Card, Installation Guide, Hard Carrying Case , Certificate of Calibration, Heavy Duty Alligator Clip Leads

Micro Ohm Meter Delta 250



Ordering Information - Optional Accessories

Code	Description
TL270HC3	3 mtrs. Test Lead Set with Insulated Alligator clip
TL270HC10	10 mtrs. Test Lead Set with Insulated Alligator clip
TL270HC15	15 mtrs. Test Lead Set with Insulated Alligator clip
AL270HC	Alligator Clip - High Current
ATA75	Alligator To Alligator Test Lead Set
BTA75	Banana To Alligator Test Lead Set
ATS75	Alligator Clip to Spade Lug
TS240	Test shunt 240 $\mu\Omega$ (250 A/60 mV)
TS1	Test shunt 1 m Ω (150 A/150 mV)
PSA	Power supply adapter (car charger)
*Note	Other Accessories on Request