

Micro-Ohmmeter Model 5600

35 Vantage Point Drive // Rochester, NY 14624 // Call 1.800.800.5001



- Digital low resistance ohmmeter
- 10 A test current
- 0.25% basic accuracy
- 1u Ohms resolution
- Rechargeable NiCad battery with built-in charger
- Overload and input fuse protection
- Rugged field case
- CE Mark

The Micro-Ohmmeter Model 5600 performs reliable low resistance measurements with test currents to 10 A and resolution to one micro-ohm.

The Model 5600 uses a four-wire Kelvin bridge method, which eliminates test lead resistance for a measurement accuracy of a 0.25%. A reverse polarity switch compensates for the effect of DC voltage interference on the accuracy and permits reading averaging. A built-in circuit filters against AC signals.

Specifications

ELECTRICAL

- Range:** 2000 $\mu\Omega$
Display: 1999
Resolution: 1 $\mu\Omega$
Test Current: 10 A
- Range:** 20 m Ω
Display: 19.99
Resolution: 10 $\mu\Omega$
Test Current: 1 A
- Range:** 200 m Ω
Display: 199.9
Resolution: 100 $\mu\Omega$
Test Current: 1 A

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Test Current: 100 mA
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Resolution: 10 m Ω
Test Current: 10 mA
- Range:** 200 Ω
Display: 199.9
Resolution: 10 m Ω
Test Current: 10 mA

- Accuracy:**
2000 $\mu\Omega$ range: 0.25% typical, 0.5% max \pm 2 digits
20–200–2000 m Ω , 20–200 Ω ranges: 0.25% typical, 0.5% max \pm 1 digit
- Power Supply:**
Rechargeable 6 V, 7 Ah NiCad battery, built-in 110 V/220 V (47-450 Hz) charger, automatic shutoff after 4 minutes non-use
- Battery Life (Typical):**
200 $\mu\Omega$ range: 200 to 300 8-second measurements
20–200 m Ω range: 900 30-second measurements (approx.)
2000 m Ω , 20–200 Ω ranges: 5000 30-second measurements (approx.)
- Operating Voltage:** 4.5 – 7 VDC
- Recharge Time:** 14 hrs from full discharge (approx.)
- CE Mark**

ORDERING INFORMATION

CATALOG NO.

Micro-Ohmmeter Model 5600	Cat. #1431.01
includes user manual	
Accessories	
Kelvin probes, set of two, on 10-ft color-coded leads with banana plug terminations	Cat. #1017.82
Kelvin clips, 1 A, set of two, on 10-ft color-coded leads with spade lug terminations	Cat. #1017.83
Kelvin clips, 10 A, set of two, on 10-ft color-coded leads with spade lug terminations	Cat. #1017.84
Fuse, set of ten, 8 A, 1-1/4" x 1/4" fast blow	Cat. #2970.13
Battery, 6 V 7 Ah rechargeable NiCad	Cat. #2960.12
Soft carrying bag for accessories	Cat. #2118.32