



## MO-100 Milliohm Meter

Diagnose potential failure with the MO-100, portable battery powered Milliohm Meter. Quickly check windings opens or shorts in motors, generators and transformers, wire-to-wire connection resistances, heating elements testing and contact resistance in critical electrical connections.

- Accurate four terminal measurement down to 100 $\mu$  ohms does not require test leads resistance compensation
- 5 Ranges from 200.0m ohms to 2000 ohms with minimum resolution of 100 $\mu$  Ohm
- Measurement precision with three test currents with over-temperature protection
- Protection against inadvertent connection to overvoltage
- Large LCD
- Potential lead resistance, current lead resistance checks
- AUTO-HOLD and AUTO-OFF features
- Lightweight, robust & compact.
- Indicates measurement errors due to temperature or connection problems
- "O-Ring" sealed enclosure
- Battery powered
- IEC / EN 61010-1

### No hassle warranty

*No waiting.*

*No shipping  
charges.*



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)



## MO-100 Milliohm Meter

## Data Sheet

### Specifications

Measuring Ranges	0-200.0m ohms in steps of 100 $\mu$ ohm
	0-2000m ohms in steps of 1m ohm
	0-20.00 ohms in steps of 10m ohm
	0-200.0 ohms in steps of 100m ohm
	0-2000 ohms in steps of 1 ohm
Accuracy	$\pm 0.5\%$ of reading $\pm 2$ digits over the operating temperature range, $-15^{\circ}\text{C}$ to $55^{\circ}\text{C}$ ( $5^{\circ}\text{F}$ to $131^{\circ}\text{F}$ ), with the supplied test leads
Test Current	1mA $\Rightarrow$ 2000 ohms range
	10mA $\Rightarrow$ 200/ 20 ohms ranges
	100mA $\Rightarrow$ 2000m / 200m ohm ranges
Accuracy	$\pm 0.1\%$
Protection Fuses	Mains = 0.5A, HBC, 5 x 20mm, DIN
	Current = 0.5A, HBC, 5 x 20mm, DIN
	Voltage = 0.5A, HBC, 5 x 20mm, DIN
	Maximum Output
	Voltage (C1-C2) 20V
Dimensions	250(L) x 190(W) x 110(D)mm (9.8 x 7.5 x 4.3 in)
Weight	1500 g (3.3 lb)
Accessories	Test leads, Instruction manual, Shoulder belt, 1.5V(AA) x 8 Batteries

### Amprobe® Test Tools

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