

## High Resolution Micro-Ohm Meter



### Features:

- 6 ranges with 3 sub-ranges in each current range
- Measurement of resistive and inductive materials
- Auto or Manual ranging
- High resolution to  $1\mu$
- 5-Digit backlit LCD
- Built-in comparator for Hi/Lo resistance testing with 20 sets of prestored values
- Store/Recall up to 3000 measurements
- 10A maximum test current
- Cable length measurement (feet or meters)
- PC interface
- Complete with 4-wire cables with Kelvin clip connectors, rechargeable Li-Polymer battery, AC adapter/charger, software and USB cable, and soft carrying case



Meter includes accessories all packaged in a convenient soft pouch case

| Specifications    | Range  | Resolution | Current | Accuracy (%rdg)              |
|-------------------|--|------------|---------|------------------------------|
| Resistance        | 60m  | $1\mu$     | 10A     | $\pm(0.25\% + 25\mu\Omega)$  |
|                   | 600m   | $10\mu$    | 1A      | $\pm(0.25\% + 250\mu\Omega)$ |
|                   | 6  | $100\mu$   | 100mA   | $\pm(0.25\% + 2.5m\Omega)$   |
|                   | 60   | 1m         | 10mA    | $\pm(0.25\% + 25m\Omega)$    |
|                   | 600  | 10m        | 1mA     | $\pm(0.25\% + 250m\Omega)$   |
|                   | 6k   | 100m       | 100µA   | $\pm(0.75\% + 3\Omega)$      |
| Power             | Rechargeable Li-Polymer Battery                      |            |         |                              |
| Dimensions/Weight | 10.1 x 6.1 x 2.2" (257 x 155 x 57mm) / 2.6lb (1160g) |            |         |                              |

### Ordering Information:

UM200 .....Precision Micro-Ohm Meter  
UM200-NIST .....Precision Micro-Ohm Meter with Certificate Traceable to NIST

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