High Resolution Micro-Ohm Meter

Precision meter provides resolution down to 1µΩ
Using 4-wire Kelvin clip test leads

Features:
• 6 ranges with 3 sub-ranges in each current range
• Measurement of resistive and inductive materials
• Auto or Manual ranging
• High resolution to 1µΩ
• 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

Ordering Information:
UM200 ...............Precision Micro-Ohm Meter
UM200-NIST ......Precision Micro-Ohm Meter with Certificate Traceable to NIST
UM200-KTL ......Replacement Kelvin Test Leads

Specifications

<table>
<thead>
<tr>
<th>Range</th>
<th>Resolution</th>
<th>Current</th>
<th>Accuracy (%rdg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resistance</td>
<td>60mΩ</td>
<td>1µΩ</td>
<td>10A</td>
</tr>
<tr>
<td></td>
<td>10mΩ</td>
<td>10mΩ</td>
<td>±(0.25% + 25µΩ)</td>
</tr>
<tr>
<td>6Ω</td>
<td>100µΩ</td>
<td>100mA</td>
<td>±(0.25% + 2.5mΩ)</td>
</tr>
<tr>
<td>60Ω</td>
<td>1mΩ</td>
<td>1mA</td>
<td>±(0.25% + 25mΩ)</td>
</tr>
<tr>
<td>600Ω</td>
<td>10mΩ</td>
<td>10mA</td>
<td>±(0.75% + 3Ω)</td>
</tr>
<tr>
<td>6kΩ</td>
<td>100mΩ</td>
<td>100µA</td>
<td>±(0.75% + 3Ω)</td>
</tr>
</tbody>
</table>

Power
Rechargeable Li-Polymer Battery

Dimensions/Weight
10.1 x 6.1 x 2.2" (257 x 155 x 57mm)/ 2.6lb (1160g)