**Model 6255**

Accurate results within 0.05%

**Features**
- Measure from 1µΩ (0.1µΩ resolution) to 2500.0Ω
- Test current selection of 1mA, 10mA, 100mA, 1A and 10A
- RTD temperature probe to check tested sample (optional)
- Selectable metal types
- Automatic and manual temperature correction
- Two programmable alarm set points
- Stores up to 1500 test results
- Selectable inductive or resistive test modes
- Automatic multiple test mode (multiple tests without pressing the test button)
- Large multi-line electroluminescent display
- Local or remote test setup and control
- Internal rechargeable batteries conduct up to 5000 – 10A tests
- Rugged, double insulated waterproof case
- Includes RS-232 to USB 2.0 cable and AC line cord
- Includes FREE DataView® software for data storage, real-time display, analysis and report generation

**Accessories**
- Kelvin clips, set of two
  - Catalog #1017.84 (included) (10A – Hippo) 10ft
  - Catalog #2118.70 (optional) (10A – Hippo) 20ft
- Kelvin probes, set of two (optional)
  - Catalog #2118.77 (10A – spring loaded) 10ft
  - Catalog #2118.78 (10A – spring loaded) 20ft
- Kelvin probes, set of two (optional)
  - Catalog #2118.75 (10A – spring loaded) 10ft
  - Catalog #2118.76 (10A – spring loaded) 20ft
- Kelvin probes pistol grip, set of two (optional)
  - Catalog #2129.95 RTD probe plugs into faceplate
  - Catalog #2129.96 RTD probe w/7ft extension cable

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>6250</td>
<td>5.0000</td>
<td>±0.15% of Reading</td>
</tr>
<tr>
<td></td>
<td>25.000</td>
<td>±0.05% of Reading</td>
</tr>
<tr>
<td></td>
<td>250.000</td>
<td>+1.9µΩ +3µΩ +30µΩ</td>
</tr>
<tr>
<td></td>
<td>2500.0</td>
<td>±0.05% of Reading</td>
</tr>
<tr>
<td></td>
<td>25.000</td>
<td>±0.05% of Reading</td>
</tr>
<tr>
<td></td>
<td>250.000</td>
<td>±0.05% of Reading</td>
</tr>
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<td></td>
<td>2500.0</td>
<td>±0.05% of Reading</td>
</tr>
</tbody>
</table>

**Features**
- **Range**
  - 0.1µΩ to 2500.0Ω
- **Accuracy**
  - ±0.05%
- **Resolution**
  - 0.1µΩ to 2500.0Ω
- **Test Current**
  - 10A, 10A, 10A, 1A, 100mA, 10mA, 1mA
- **Measurement Mode**
  - Selectable: Inductive (continuous test), Resistive (instantaneous test) or Auto (multiple tests)
- **Metal Type**
  - Selectable: copper, aluminum or other metal
- **Alarms**
  - Two – programmable set points from 0.0 to 2500.0Ω
- **Memory**
  - Stores up to 1500 test results; data in memory can be reviewed on the instrument display, on a PC or via direct printout
- **Power Source**
  - Rechargeable 6V, 8.5Ah NiMH battery pack (included)
- **Battery Life**
  - Approximately 5000 10A tests
- **IP 65**
  - Rated cover closed

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