

**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

**Catalog No. Description**

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<th>Catalog No.</th>
<th>Description</th>
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<td>10A Micro-Ohmmeter Model 6250</td>
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<td>Kelvin Clips 10 ft (10A – Hippo)</td>
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<td>2118.70</td>
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<td>2118.73</td>
<td>Kelvin Probes 10 ft (1A, Spring Loaded)</td>
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<td>2118.74</td>
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<td>2118.75</td>
<td>Kelvin Probes Pistol Grip (10A – spring loaded), set of two, 10 ft</td>
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<td>2118.79</td>
<td>Kelvin Clips 10 ft (1-10A) Replacement for Cat #2118.71</td>
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<td>2118.80</td>
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<td>2119.45</td>
<td>Cable, PC RS-232, DB9 F/F 6 ft Null Modem Cable</td>
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<td>2129.95</td>
<td>RTD Temperature Probe (plug into faceplate for ambient temperature)</td>
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**Specifications**

**Model 6250**

- **Range**: 5.0000 mΩ to 25.000 Ω
- **Accuracy**: 0.15% of Reading +1.0μΩ to 5.0000 mΩ
- **Resolution**: 0.1μΩ
- **Test Current**: 10A
- **Measurement Mode**: Selectable: Inductive (continuous test), Resistive (instantaneous test) or Auto (multiple tests)
- **Memory**: Stores up to 1500 test results; Data in memory can be reviewed on the instrument display, on a PC or via direct printout
- **Alarms**: Two – programmable set points from 0.0 to 2500.0Ω
- **Power Source**: Rechargeable 6V, 8.5Ah NiMH battery pack (included)
- **Battery Life**: Approximately 5000 10A tests
- **Temperature**: 0°C to 50°C
- **Humidity**: 0% to 95% non-condensing

**Accessories**

- **Kelvin clips, set of two**
  - Catalog #2118.79 (1-10A) 10 ft
  - Catalog #2118.80 (1-10A) 20 ft
- **Kelvin probes, set of two**
  - Catalog #2118.77 (10A – spring loaded) 10 ft
  - Catalog #2118.78 (10A – spring loaded) 20 ft
- **RTD Temperature Probe**
  - Catalog #2129.95 RTD probe plugs into faceplate
  - Catalog #2129.96 RTD probe w/7 ft extension cable
- **USB Stick**
  - Supplied with DataView® software and user manual

**Accessories (Optional)**

- **Catalog #2118.73** (1A – spring loaded) 10 ft
- **Catalog #2118.74** (1A – spring loaded) 20 ft
- **Catalog #2117.84** (optional) with DataView® software and user manual

**Catalog References**

- **Catalog #2129.81** 10A Micro-Ohmmeter Model 6250
- **Catalog #2118.74** Kelvin Probes 20 ft (1A, Spring Loaded)
- **Catalog #2118.75** Kelvin Probes Pistol Grip (10A – spring loaded), set of two, 10 ft
- **Catalog #2118.76** Kelvin Probes Pistol Grip (10A – spring loaded), set of two, 20 ft
- **Catalog #2118.77** Kelvin Probes (10A – spring loaded), set of two, 10 ft
- **Catalog #2118.78** Kelvin Probes (10A – spring loaded), set of two, 20 ft
- **Catalog #2118.79** Kelvin Clips 10 ft (1-10A) Replacement for Cat #2118.71
- **Catalog #2118.80** Kelvin Clips 20 ft (1-10A) Replacement for Cat #2118.72
- **Catalog #2117.84** Kelvin Clips 20 ft (10A – Hippo)

**Technical Assistance**

Technical Assistance (800) 343-1391

www.aemc.com

Special product features ▼