



## Micro-Ohmmeter Model 6250 (DISCONTINUED - REPLACED BY MODEL 6255)

Cat. #2129.81

**10A, Instantaneous, Continuous, Multiple Test, includes 10A Kelvin Clips (Hippo) and DataView® Software**

Four-lead Kelvin tester measures very low resistance from  $1\mu\Omega$  to  $400\Omega$  with results within 0.05%. Three test modes are available; resistive (instantaneous test), inductive (continuous test), and auto (repetitive test). Stores up to 1500 measurements. Includes DataView® for configuring the instrument, downloading data, and generating reports.


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| Measurement Range       |   |                     |                     |              |
|-------------------------|---|---------------------|---------------------|--------------|
| Range                   | Resolution  | Accuracy @ 23°C±5°C | Measurement Current | Voltage Drop |
| 5mΩ                     | 0.1μΩ   | ±(0.15% + 1.0μΩ)    | 10A                 | 50mV         |
| 25mΩ                    | 1μΩ   | ±(0.05% + 3μΩ)      | 10A                 | 250mV        |
| 250mΩ                   | 10μΩ  | ±(0.05% + 30μΩ)     | 10A                 | 2500mV       |
| 2500mΩ                  | 0.1mΩ   | ±(0.05% + 0.3mΩ)    | 1A                  | 2500mV       |
| 25Ω                     | 1mΩ   | ±(0.05% + 3mΩ)      | 100mA               | 2500mV       |
| 250Ω                    | 10mΩ  | ±(0.05% + 30mΩ)     | 10mA                | 2500mV       |
| 2500Ω                   | 100mΩ   | ±(0.05% + 300mΩ)    | 1mA                 | 2500mV       |
| Temperature Measurement | 3 wire 100Ω platinum RTD  |                     |                     |              |
| Accuracy                | ±0.5°C  |                     |                     |              |
| Resolution              | 0.1°C   |                     |                     |              |
| Selectable Metal Type   | Yes – Copper, Aluminum or Custom  |                     |                     |              |
| Alarm Mode              | Yes – 2 Alarms with High-Low trigger                                    |                     |                     |              |
| Storage Memory          | 1500 tests, supplied with DataView® software for download and reporting |                     |                     |              |
| Battery                 | Rechargeable NIMH battery pack 6V, 8.5Ah                                |                     |                     |              |
| Battery Life: 10A       | ≥ 5000 tests typical  |                     |                     |              |
| Battery Charger         | 120/240VAC ± 20% (45 to 400Hz)  |                     |                     |              |
| Auto Power OFF          | When battery voltage <5.0V  |                     |                     |              |

For more details, download the datasheet or user manual at [www.aemc.com](http://www.aemc.com)

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|  |  |   |
|--|--|---|
| <b>Overload Protection</b>                       | 250Vrms                                      |  |
| <b>Dimensions<br/>(L x W x H)</b>                | 10.70 x 9.76 x 7.18" (272 x 248 x 182mm)     |   |
| <b>Weight</b>                                    | 8.1 lbs (3.69 kg)                            |   |
| <b>IP Rating</b>                                 | IP 54 per IEC 60529 cover closed             |   |
| <b>Altitude Operating</b>                        | 2000 m                                       |   |
| <b>Operating<br/>Temperature</b>                 | 14° to 131°F (-10° to +55°C) & 10 to 80% RH  |   |
| <b>Storage Temperature<br/>(without battery)</b> | -40° to 140°F (-40° to +60°C) & 10 to 90% RH |   |
| <b>Safety</b>                                    | IEC/EN 61010-1 50V CAT III Pollution 2       |   |

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