



## 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
<b>Temperature Measurement</b>	3 wire 100Ω platinum RTD			
<b>Accuracy</b>	±0.5°C			
<b>Resolution</b>	0.1°C			
<b>Selectable Metal Type</b>	Yes – Copper, Aluminum or Custom			
<b>Alarm Mode</b>	Yes – 2 Alarms with High-Low trigger			
<b>Storage Memory</b>	1500 tests, supplied with DataView® software for download and reporting			
<b>Battery</b>	Rechargeable NIMH battery pack 6V, 8.5Ah			
<b>Battery Life: 10A</b>	≥ 5000 tests typical			
<b>Battery Charger</b>	120/240VAC ± 20% (45 to 400Hz)			
<b>Auto Power OFF</b>	When battery voltage <5.0V			

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

<b>Overload Protection</b>	250Vrms	
<b>Dimensions (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 Temperature</b>	14° to 131°F (-10° to +55°C) & 10 to 80% RH	
<b>Storage Temperature (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	

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

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