



## Micro-Ohmmeter Model 6240

**Cat. #2129.80**

**10A, Instantaneous, Continuous, Multiple Test, Manual/Auto Temperature Compensation; includes 10A Kelvin Clips and DataView® software**

Four-lead Kelvin tester measures very low resistance from  $1\mu\Omega$  to  $400\Omega$  with resolutions to  $1\mu\Omega$ . Selectable test currents of 10 A, 1 A, 100 mA, and 10 mA, with a polarity reversal function. Tests both resistive and inductive material, and stores up to 99 measurements. Includes DataView® for configuring the instrument, downloading data, and generating reports.

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Specifications						
Measurement Range	(5.0 to 3999 ) $\mu\Omega$	(4.0 to 39.99 ) $m\Omega$	(40.0 -to 399.9) $m\Omega$	(400 to 3999) $m\Omega$	(4.0 to 39.99) $\Omega$	(40.0 to 399.9) $\Omega$
Resolution	1 $\mu\Omega$	10 $\mu\Omega$	100 $\mu\Omega$	1 $m\Omega$	10 $m\Omega$	100 $m\Omega$
Accuracy	$\pm(0.25\%R + 2ct)$					
Measurement Current	10.2 A $\pm 2\%$	1.02 A $\pm 2\%$		102 mA $\pm 2\%$	10.2 mA $\pm 2\%$	
Open Voltage	(4 to 6) V					
Inductance	0.5 H Max					
Voltage Measurement Indication						
Measurement Range	(0.01 to 3.999) mV	(4 to 39.99) mV	(40 to 399.9) mV	(0.4 to 3.999) V	(4 to 4.70) V	
Resolution	1 $\mu V$	10 $\mu V$	100 $\mu V$	1 mV	10 mV	
Current Measurement Indication						
Measurement Range	(5.0 to 39.99) mA		(40.0 to 399.9) mA	(0.4 to 3.999) A	(4 to 11.00) A	
Resolution	10 $\mu A$		100 $\mu A$	1 mA	10 mA	
General Specifications						
Storage Memory	99 tests, supplied with DataView® software for download and reporting					
Automatic Storage of Test Results	Yes					
Battery	Rechargeable NIMH battery pack 6V, 8.5Ah.					

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

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<b>Battery Life</b>	10 A	≥ 850 tests with a duty cycle of 5 seconds on and 25s off
	1 A	≥ 3500 tests with a duty cycle of 5 seconds on and 25s off
	100 mA	≥ 4500 tests with a duty cycle of 5 seconds on and 25s off
	10 mA	≥ 5000 tests with a duty cycle of 5 seconds on and 25s off
	In standby mode	Battery life 4 to 6 months
<b>Dimensions (L x W x H)</b>	(10.70 x 9.76 x 7.18) in (272 x 248 x 182) mm	
<b>Weight</b>	10 lbs (4.5 kg)	
<b>Operating Temperature</b>	(14 to 131) °F (-10 to 55) °C & (10 to 85) % RH	
<b>Storage Temperature (without battery)</b>	(-40 to 158) °F (-40 to 70) °C & (10 to 90) % RH	
<b>Altitude Operating</b>	2000 m	
<b>IP Rating</b>	IP 54 per IEC 60529 cover closed	
<b>Safety</b>	IEC/EN 61010-1 category III 50V, Pollution Degree 2	



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