



## Ground Tester Model 6470-B (Discontinued)

Ground Tester Model 6470-B (Discontinued) - see replacement [Cat #2135.48 – Ground Tester Model 6471](#) or [Cat #2135.51 – Ground Tester Model 6472](#)

Cat.#2135.01

4-Point Earth Resistance Measurement	
Range (Auto-Ranging)	0.011Ω to 99.99kΩ
Resolution	0.001 to 10Ω
Accuracy	±(2% Reading +1ct)
Test Voltage	16V or 32V; 41 to 513Hz
Test Current	Up to 250mA
3-Point Earth Resistance Measurement	
Range (Auto-Ranging)	0.09Ω to 99.9kΩ
Resolution	0.01 to 100Ω
Accuracy	±(2% Reading +1ct)
Test Voltage	16V or 32V; 41 to 513Hz
Test Current	Up to 250mA
Soil Resistivity 4-Point Measurement	
Test method	Wenner or Schlumberger selectable with automatic calculation
Range (Auto-Ranging)	0.01Ω to 99.9kΩ; ρ max: 999kΩm
Resolution	0.01 to 100Ω
Accuracy (Typical)	±(2% Reading +1ct)
Test Voltage	16V or 32V; 41 to 128Hz selectable
DC Resistance Measurement (Bond Testing) 2-Pole (with lead resistance compensation) or 4-Pole (Kelvin sensing)	
Range (Auto-Ranging)	2-pole: 0.12Ω to 99.9kΩ 4-pole: 0.020Ω to 99.99kΩ

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

<b>Resolution</b>	2 -pole: 0.01 to 100Ω 4-pole: 0.001 to 10Ω
<b>Accuracy (Typical)</b>	±(2% Reading +2ct)
<b>Test Voltage</b>	16VDC; (+, - or auto polarity)
<b>Test Current</b>	Up to 250mA
<b>External Voltage Measurement</b>	
<b>Range</b>	0.1 to 65VAC/DC – DC, 15 to 440Hz
<b>Accuracy</b>	±(2% Reading +1ct)
<b>General Features</b>	
<b>Memory</b>	512 measurements (64KB)
<b>Communication</b>	USB 2.0 optically isolated, DataView software included
<b>Power Source</b>	9.6V rechargeable battery pack with external 110/220V charger
<b>Battery Life</b>	1500 tests typical in automatic mode
<b>Dimensions</b>	10.7 x 9.80 x 5.12" (272 x 248 x 130mm)
<b>Weight</b>	7 lbs (3.2kg) with battery
<b>Case</b>	UL V0 Polypropylene
<b>Operating Temperature</b>	32° to +113°F (0° to +45°C)
<b>Storage Temperature</b>	-40° to 158°F (-40° to +70°C)
<b>Relative Humidity</b>	Up to 90%
<b>Ingress Protection (IP)</b>	IP 53 with cover closed
<b>EMC</b>	EN 61326-1
<b>Safety Compliance</b>	IEC 61010-1, EN 61557, 50V CAT IV, Pollution Degree 2



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15 Faraday Drive • Dover, NH 03820 USA • (800) 343-1391 • (603) 749-6434 • [www.aemc.com](http://www.aemc.com)  
[customerservice@aemc.com](mailto:customerservice@aemc.com) • [techsupport@aemc.com](mailto:techsupport@aemc.com)

