



## Ground Resistance Tester Model 4620

Cat. #2130.43

**Range 0.01 to 2000Ω, Resolution 0.001 to 10Ω, 4-Point test**

The Digital Ground Resistance Tester Model 4620 performs ground resistance and soil resistivity tests. This direct reading testers measures from 0 to 2000Ω, and is auto-ranging, so it automatically seeks outs the optimum measurement range.

The Ground Resistance Tester Model 4620 is also available in complete Kits (150ft, 300ft & 500 ft).

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Range (Auto-ranging)	0 to 2000Ω
Resolution	0.01 to 1Ω
Test Current	0.1 to 10mA
Accuracy Typical	±(2% Reading +1ct)
Open Voltage	42V peak
Withstanding Voltage	250V AC or 100V DC
Operating Frequency	128Hz square wave
Interference	Rejection to high levels of interference voltage (DC, 50/60Hz, harmonics)
Maximum Auxiliary Rod Resistance	<b>Current Circuit:</b> 3kΩ @ 20Ω range 30kΩ @ 200Ω range 50kΩ @ 2000Ω range
	<b>Voltage Circuit:</b> 50kΩ on all ranges
Response Time	4 to 8 seconds for a stabilized measurement
Display	200 counts, 7 segment LCD, backlight
Power Source	8 x 1.5V C alkaline batteries
Battery Life	4500 15-seconds tests, low battery indicator
Dimensions	10.8 x 9.7 x 5.0" (273 x 247 x 127mm)
Weight (with Battery)	6.28 lbs (2.85kg)

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

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<b>Operating Temperature</b>	14° to 131°F (-10° to 55°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 65 (closed); IP 63 (open)
<b>EMC</b>	EN 61326-1
<b>Safety Compliance</b>	EN 61557, EN 61010-1, 30V CAT III, Pollution Degree 2



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