



Ground Resistance Tester Model 4630

Cat. #2130.44

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

The Digital Ground Resistance Tester Model 4630 performs ground resistance and soil resistivity tests. Measures from 0 to 2000Ω, and is auto-ranging (automatically seeks out optimum measurement range). Designed to reject high levels of interference. Ideal for maintenance crews performing numerous tests.

Also available in complete Kits (150ft, 300ft & 500ft).

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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	250VAC or 100VDC
Operating Frequency	128Hz square wave
Interference	Rejection to high levels of interference voltage (DC, 50/60Hz, harmonics)
Maximum Auxiliary Rod Resistance	Current Circuit: 3kΩ @ 20Ω range 30kΩ @ 200Ω range 50kΩ @ 2000Ω range
	Voltage Circuit: 50kΩ on all ranges
Response Time	4 to 8 seconds for a stabilized measurement
Display	200 counts, 7 segment LCD, backlight
Power Source	9.6V NiMH rechargeable battery pack; 120/230V 50/60Hz
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)	7.38 lbs (3.35kg)

For more details, download the datasheet or user manual at www.aemc.com

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

Operating Temperature	14° to 131°F (-10° to 55°C)
Storage Temperature	-40° to 158°F (-40° to 70°C)
Relative Humidity	Up to 90%
Ingress Protection (IP)	IP 65 (closed); IP 63 (open)
EMC	EN 61326-1
Safety Compliance	EN 61557, EN 61010-1, 30V CAT III, Pollution Degree 2



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