



Ground Resistance Tester Model 3640 DISCONTINUED

Cat. #2114.92

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

The Digital Ground Resistance Tester Model 3640 performs ground resistance measurement. This direct reading tester is auto-ranging, so it automatically seeks out the optimum measurement range. The Model 3640 is easy to use - simply connect the leads, press to measure, and read. The large LCD (nearly 3/4" high) also indicates low battery status, overrange, and lead reversals.

The Ground Resistance Tester Model 3640 is also available in complete Kits (150ft & 300ft).


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Range (Auto-ranging)	0 to 2000Ω
Resolution	0.01 to 1Ω
Test Current	0.1 to 10mA
Accuracy Typical	±(2% R + 1ct)
Open Voltage	42V peak
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	6 seconds for a stabilized measurement
Display	200 counts, 7 segment LCD
Power Source	8 x 1.5V AA alkaline batteries
Battery Life	1800 15-seconds tests
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%

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

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Dimensions	8.7 x 5.4 x 5.9" (220 x 136 x 150mm)
Weight (with Battery)	2.9 lbs (1.3kg)
Case	UL 94 material
Ingress Protection (IP)	IP 50
EMC	EN 61326-1
Safety Compliance	EN 61010-1, 42V CAT III, Pollution Degree 2 

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