Megohmmeter Model 6527

Cat. #2126.53
Digital 250V, 500V, 1000V, Continuity, 400kΩ, V
Measures insulation resistance from 1kΩ to 4000MΩ using three user selectable test voltages of 250V, 500V, and 1000V. Can perform continuous tests up to 15 minutes. Designed for insulation tests on cables, switchgears, motors, DC generators, power tools, and small appliances. Also functions as a multimeter for measuring voltage, continuity, and other parameters.

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AC/DC Voltage Measurement	
Range	600V AC / 1000V DC
Accuracy	DC: ±(0.8% R + 3ct) AC: ±(1.2% R + 10ct)
Resolution	1V
Frequency Range	DC & 40 to 400Hz
Input Impedance	10MΩ
Insulation Measurement	
Test Voltage / Resistance Range	250V: 1kΩ to 4GΩ 500V: 1kΩ to 4GΩ 1000V: 1kΩ to 4GΩ
Measurement Accuracy	4MΩ/40MΩ: ±(2% R + 10ct) 400MΩ: ±(3% R + 5ct) 4GΩ: ±(4% R + 5ct)
Continuity Measurement	
Ranges	0 to 400Ω (≤250mA test current)
Accuracy	1.2% R + 3ct with lead compensation
Threshold	Audible signal triggered <35Ω±3Ω
Resistance Measurement	
Range	400kΩ
Accuracy	± (1.2%R + 3ct)
General Features	
DAR – PI	Only DAR

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

Display	Backlit digital with bargraph
Power Supply	Six AA batteries (NEDA 15A or IEC LR6)
Battery Life	>50h in MΩ, >200h in V AC/DC, >15h in Continuity Test
Dimensions	7.9 x 3.6 x 2.0" (200 x 92 x 50mm)
Weight	24oz (700g)
Altitude Operating	2000m
Operating Temperature	32° to +90°F (0° to +50°C), 90% RH
Storage Temperature	-36° to +126°F (-20° to +70°C), 50% RH
IP Rating	IP 51
Safety Compliance	IEC/EN 61010-1, 600V CAT IV, Pollution Degree CE