



Megohmmeter Model 6522

Cat. #2155.51

Digital w/Analog Bargraph, 250V, 500V, 1000V, Continuity, V

Insulation and continuity tester featuring three test voltages (250V, 500V, and 1000V) for insulation resistance testing up to 40GΩ, and continuity tests at 200mA. Timed Test Mode enables insulation testing up to 40 minutes. Supports optional Remote Probe accessory. Complies with International Insulation Testing Standards including IEC/EN 61557.


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AC/DC Voltage Measurement	
Range	0.3 to 700V
Accuracy	±(3% R + 2ct)
Resolution	0.3 to 399.9V: 0.1V 400 to 700V: 1V
Frequency Range	DC & 15.3 to 800Hz
Input Impedance	400kΩ
Insulation Measurement	
Test Voltage / Resistance Range	250V: 50kΩ to 10GΩ 500V: 100kΩ to 20GΩ 1000V: 200kΩ to 40GΩ
Measurement Accuracy	250V: ±(3% R + 2ct)+0.4%/GΩ 500V: ±(3% R + 2ct)+0.2%/GΩ 1000V: ±(3% R + 2ct)+0.1%/GΩ
Auto Discharge	Discharge time < 2s/μF From Vtest to 25V
Live Circuit Indicator	Inhibit test if terminal voltage > 25V prior to initialization of test
Continuity Measurement	
Ranges	0.00 to 10Ω (200mA test current)
Accuracy	± (2% R + 2ct) with lead compensation
Open Voltage	≥ 6V
General Features	
Timer	0:00 to 39:59mn, with 1s resolution
Display	Backlit digital with bargraph

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

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Power Supply	Six AA batteries (NEDA 15A or IEC LR6)
Battery Life	≥1500 IR tests at 1000 V into 1MΩ with a duty cycle of 5 seconds on and 1 min off. ≥3000 R tests of 1Ω with a duty cycle of 5 seconds on and 1min off.
Dimensions	8.31 x 4.25 x 2.36" (211 x 108 x 60mm)
Weight	1.87 lbs (850g)
Altitude Operating	2000m
Operating Temperature	-4° to +131°F (-20° to +55°C) & 20 to 80% RH
Storage Temperature	-22° to +176°F (-30° to +80°C) & 10 to 90% RH, without batteries
IP Rating	IP 54
Safety Compliance	IEC/EN 61010-1, 600V CAT IV, IEC 61557 

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