



## Megohmmeter Model 6526

Cat. #2155.53

Digital w/Analog Bargraph, Alarm, 50V, 100V, 250V, 500V, 1000V, Ohm, Continuity, V, kΩ, Cap, Mem, Bluetooth w/DataView<sup>®</sup> Software

Multi-function tester for measuring insulation resistance up to 200GΩ, with test voltages of 50V, 100V, 250V, 500V, and 1000V. Also measures resistance, capacitance, continuity, frequency, and voltage. Includes memory for storing up to 1300 measurements. Bluetooth allows connection to a computer running DataView<sup>®</sup>. Complies with International Insulation Testing Standards including IEC/EN 61557, and is rated 600V CAT IV.

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AC/DC Voltage Measurement	
Range	0.3 to 700V
Accuracy	±(3% R + 2ct)
Resolution	1 to 99.9V: 0.1V 100 to 999V: 1V 1000 to 4000V: 2V
Frequency Range	DC & 15.3 to 800Hz
Input Impedance	400kΩ
Insulation Measurement	
Test Voltage / Resistance Range	50V: 10kΩ to 10GΩ 100V: 20kΩ to 20GΩ 250V: 50kΩ to 50GΩ 500V: 100kΩ to 100GΩ 1000V: 200kΩ to 200GΩ
Measurement Accuracy	50V: ±(3% R + 2ct)+2%/GΩ 100V: ±(3% R + 2ct)+1%/GΩ 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) 0.0 to 100Ω (20mA test current)
Accuracy	± (2% R + 2ct) with lead compensation

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

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Open Voltage	≥ 6V
<b>Resistance Measurement</b>	
Range	1Ω to 1000kΩ
Accuracy	± (3% R + 2ct)
Open Voltage	Approximately 4.5V
<b>General Features</b>	
Programmable Alarm	Yes
DAR – PI	Yes
Timer	0:00 to 39:59mn, with 1s resolution
Frequency Measurement	15.3 to 800Hz
Capacitance Measurement	0.1nF to 10μF
Display	Backlit digital with bargraph
Memory	1300 tests
Communication	Bluetooth 2.1 Class II
Software	DataView (included)
Power Supply	Six AA batteries (NEDA 15A or IEC LR6)
Battery Life	≥ 1500 IR tests at 1000V 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 lb (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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