



## 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® 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®. 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	

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

15 Faraday Drive • Dover, NH 03820 USA • (800) 343-1391 • (603) 749-6434 • [www.aemc.com](http://www.aemc.com)

[customerservice@aemc.com](mailto:customerservice@aemc.com) • [techsupport@aemc.com](mailto:techsupport@aemc.com)

<b>Ranges</b>	0.00 to 10 $\Omega$ (200mA test current) 0.0 to 100 $\Omega$ (20mA test current)
<b>Accuracy</b>	$\pm$ (2% R + 2ct) with lead compensation
<b>Open Voltage</b>	$\geq$ 6V
<b>Resistance Measurement</b>	
<b>Range</b>	1 $\Omega$ to 1000k $\Omega$
<b>Accuracy</b>	$\pm$ (3% R + 2ct)
<b>Open Voltage</b>	Approximately 4.5V
<b>General Features</b>	
<b>Programmable Alarm</b>	Yes
<b>DAR – PI</b>	Yes
<b>Timer</b>	0:00 to 39:59mn, with 1s resolution
<b>Frequency Measurement</b>	15.3 to 800Hz
<b>Capacitance Measurement</b>	0.1nF to 10 $\mu$ F
<b>Display</b>	Backlit digital with bargraph
<b>Memory</b>	1300 tests
<b>Communication</b>	Bluetooth 2.1 Class II
<b>Software</b>	DataView (included)
<b>Power Supply</b>	Six AA batteries (NEDA 15A or IEC LR6)
<b>Battery Life</b>	$\geq$ 1500 IR tests at 1000V into 1M $\Omega$ with a duty cycle of 5 seconds on and 1 min off. $\geq$ 3000 R tests of 1 $\Omega$ with a duty cycle of 5 seconds on and 1min off.
<b>Dimensions</b>	8.31 x 4.25 x 2.36" (211 x 108 x 60mm)
<b>Weight</b>	1.87 lb (850g)
<b>Altitude Operating</b>	2000m
<b>Operating Temperature</b>	-4° to +131°F (-20° to +55°C) & 20 to 80% RH
<b>Storage Temperature</b>	-22° to +176°F (-30° to +80°C) & 10 to 90% RH, without batteries
<b>IP Rating</b>	IP 54
<b>Safety Compliance</b>	IEC/EN 61010-1, 600V CAT IV, IEC 61557



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