Summary Sheet



Megohmmeter Model 6528

Cat. #2126.54
Megohmmeter Model 6528 (Digital, 250V, 500V, 1kV, 420K-Ohm, V, Continuity, Alarm & Timer)

Model 6528 is a low cost 1000V hand-held instrument that offers Multimeter functions as well as Megohmmeter functions. It is a portable measuring instrument with a digital display. It is powered by batteries. This instrument can check the safety of electrical insulation. For example, it can be used to test new insulation before it is powered up, check existing insulation in a power-off condition, or troubleshoot potential faulty insulation.

Cat.#2126.54

AC/DC Voltage Measurement	
Range	$700V_{AC}$ and $700V_{AC+DC}$
Accuracy	DC: ± (1% R + 1ct) AC+DC: ± (1.2% R + 1ct)
Resolution	1V
Frequency Range	DC & 30 to 440Hz
Input Impedance	25MΩ
Insulation Measurement	
Test Voltage / Resistance Range	250V: 0.050MΩ to 4200MΩ 500V: 0.100MΩ to 4200MΩ 1000V: 0.20MΩ to 11.00GΩ
Measurement Accuracy	4MΩ/40MΩ/400MΩ: ± (1.5% R + 10ct) 4.2GΩ: ± (4% R + 10ct) 11GΩ: ± (10% R + 10ct) (1000V range)
Continuity Measurement	
Ranges	0 to 40Ω (200mA test current ≤2Ω)
Accuracy	1.2% R + 3ct
Resolution max	0.01Ω
Leads compensation	Up to 5Ω
Threshold	Audible signal triggered Selectable ≤1 or 2Ω
Resistance Measurement	

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

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Range	0 to 420kΩ (Auto ranging)
Accuracy	± (1.2%R + 3ct)
Resolution max	0.1Ω
General Features	
Time test	1 second to 39.59 minutes selectable
Display	LCD with backlight
Power Supply	Six AA batteries (NEDA 15A or IEC LR6)
Battery Life 5s ON, 25s OFF	>2000 measurement in MΩ, >300h in V AC/DC, >6000 measurement in Continuity Test
Protection	Fast fuse 200mA 1000A 10kA (6.3 x 32mm)
Dimensions	8.54 x 3.54 x 2.44” (217 x 90 x 62mm)
Weight	1.68 lbs (760g)
Altitude Operating	2000m
Operating Temperature	14° to +122°F (-10° to +50°C), 90% RH/td>
Storage Temperature	-40° to +140°F (-40° to +60°C)
IP Rating	IP 40 with leads connected
Safety Compliance	IEC/EN 61010-1, 600V CAT IV,

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