



Megohmmeter Model 6501

Cat. #2126.51

Hand-cranked, 500V, Resistance, Continuity

Performs resistance testing to 500k Ω and continuity testing to 100 Ω . Hand-cranked operation provides a steady DC voltage output across the entire range for consistently reliable readings. Designed for a broad range of plant and field service applications, including acceptance testing and preventive maintenance of wiring, cables, switchgear, and motors.


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AC Voltage Measurement	
Range	0 to 600VAC
Accuracy	$\pm 3\%$ of scale
Frequency Range	45 to 450Hz
Input Impedance	100k Ω (approx)
Insulation Measurement	
Test Voltage / Resistance Range	500V: 0.5 to 5.5M Ω ; 5.5 to 200M Ω
Measurement Accuracy	2.5% of scale
Short Circuit Current	5mA (max)
Auto Discharge	5s/ μ F
Continuity Measurement	
Ranges	0 to 9 Ω , 10 to 100 Ω
Test Voltage	5mA constant, 10V max
Accuracy	2.5% of scale
Resistance Measurement	
Range	0 to 45k Ω ; 45 to 500k Ω
Test Current	1mA DC
Accuracy	2.5% of scale
Features	
Power Supply	Hand-cranked, test voltage reached at approx 140rpm

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

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Dimensions	4.7 x 4.4 x 5.3" (120 x 111 x 135mm) with lid
Weight	2.5 lb (1.1kg)
Operating Temperature	14° to +113°F (-10° to +45°C); 75% RH
Storage Temperature	-4° to +176°F (-20° to +80°C); 90%
IP Rating	IP 54 with lid; IP 52 without lid
Safety Compliance	EN 61010-1, 600V CAT II, 300V CAT III, Pollution Degree 2 

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