

Megohmmeter Model 6503



Cat. #2126.52

Hand-cranked, 250V, 500V, 1000V

Provides three test voltages for insulation resistance testing: 250V, 500V and 1000V. Test voltages are generated in full across the entire measurement range. 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.

AC Voltage Measurement	
Range	0 to 600VAC
Accuracy	±3% of Scale
Frequency Range	45 to 450Hz
Input Impedance	100kΩ (approx)
Insulation Measurement	
Test Voltage / Resistance Range	250V: 1 to 11MΩ; 11 to 500MΩ 500V: 1 to 11MΩ; 11 to 500MΩ 1000V: 10 to 110MΩ; 110 to 5000MΩ
Measurement Accuracy	2.5% of Scale Length
Short Circuit Current	5mA (max)
Auto Discharge	8s/μF
Features	
Power Supply	Hand-cranked, test voltage reached at approx 140rpm
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



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