

MEGOHMMETERS

500V & 1000V Hand-cranked

Models 6501 & 6503

Designed for acceptance testing and preventive maintenance of wiring, cables, switchgear and motors

Low
Cost!

SPECIFICATIONS

MODELS	6501	6503
INSULATION TESTS		
Test Ranges*	250V 500V 1000V	1 to 500M Ω 1 to 500M Ω 10 to 5000M Ω
Short Circuit Current	5mA (max)	
Voltage Measurement/ Safety Check	0 to 600Vac	
Accuracy (M Ω)	2.5% of Full Scale Length	
Automatic Discharge	5s/ μ F	8s/ μ F
Charge Time	250V 500V 1000V	0.2s/ μ F 0.5s/ μ F 0.5s/ μ F
RESISTANCE TESTS		
Measurement Range	0 to 45k Ω ; 45 to 500k Ω	—
Test Current	1mA _{DC}	—
Accuracy	2.5% of Full Scale Length	—
CONTINUITY TESTS		
Measurement Range	0 to 9 Ω ; 10 to 100 Ω	—
Test Voltage	5mA _{DC} (10V max)	—
Accuracy	2.5% of Full Scale Length	—

*DC test voltage generated 5.5 to 200M Ω in full across the entire measurement range.

PRODUCT INCLUDES

Soft carrying case, test leads, blue lead (for use with Model 6503), alligator clips, test probe, and user manual.



FEATURES

- True Megohmmeter®
- Test voltages of 250V, 500V and 1000V (model dependent)
- Insulation measurements to 200M Ω and 5000M Ω (model dependent)
- LED indicates constant voltage output and proper cranked speed controlled by voltage regulator
- Automatic discharge when measurement is finished
- Auto-Ranging – dual scale operation for better sensitivity and easier readings
- Compact self-contained package; folded crank
- Voltage displayed prior to, during and at the end of test
- Large direct reading scale
- EN 61010-1, 600V CAT II, 300V CAT III

CATALOG NO.	DESCRIPTION
2126.51	Megohmmeter Model 6501 (Hand-cranked, 500V, Resistance, Continuity)
2126.52	Megohmmeter Model 6503 (Hand-cranked, 250V, 500V, 1000V)