

MEGOHMMETERS

500V & 1000V Hand-cranked

Models 6501 & 6503

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



SPECIFICATIONS

MODELS	6501	6503	
INSULATION TESTS			
Test Ranges*	250V 500V 1000V	– 0.5 to 200MΩ –	1 to 500MΩ 1 to 500MΩ 10 to 5000MΩ
Short Circuit Current	5mA (max)		
Voltage Measurement/ Safety Check	0 to 600Vac		
Accuracy (MΩ)	2.5% of Full Scale Length		
Automatic Discharge	5s/μF	8s/μF	
Charge Time	250V 500V 1000V	– 0.5s/μF –	0.2s/μF 0.5s/μF 0.5s/μF
RESISTANCE TESTS			
Measurement Range	0 to 45kΩ; 45 to 500kΩ	–	
Test Current	1mA _{DC}	–	
Accuracy	2.5% of Full Scale Length	–	
CONTINUITY TESTS			
Measurement Range	0 to 9Ω; 10 to 100Ω	–	
Test Voltage	5mA _{DC} (10V max)	–	
Accuracy	2.5% of Full Scale Length	–	

*DC test voltage generated 5.5 to 200MΩ 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 200MΩ and 5000MΩ (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)