

Models 6501 & 6503

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



► 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

► SPECIFICATIONS

MODELS	6501	6503	
INSULATION TESTS			
Test Ranges*	250V 500V 1000V	– 0.5 to 5.5MΩ; 5.5 to 200MΩ –	1 to 11MΩ; 11 to 500MΩ 1 to 11MΩ; 11 to 500MΩ 10 to 110MΩ; 110 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.



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