

## 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 200 and 5000MΩ
- 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
<b>INSULATION TESTS</b>		
Test Ranges*	250V – 500V 0.5 to 5.5MΩ; 5.5 to 200MΩ 1000V –	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	2.5% of Full Scale Length
Automatic Discharge	5s/μF	8s/μF
Charge Time	250V – 500V 0.5s/μF 1000V –	0.2s/μF 0.5s/μF 0.5s/μF
<b>RESISTANCE TESTS</b>		
Measurement Range	0 to 45kΩ; 45 to 500kΩ	–
Test Current	1mA <sub>DC</sub>	–
Accuracy	2.5% of Full Scale Length	–
<b>CONTINUITY TESTS</b>		
Measurement Range	0 to 9Ω; 10 to 100Ω	–
Test Voltage	5mA <sub>DC</sub> (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



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



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