# **MEGOHMMETERS** 500V & 1000V Hand-cranked

## Models 6501 & 6503

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

### - SPECIFICATIONS

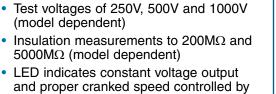
MODELS	6501	6503
INSULATION TESTS		
Test Ranges* 250V	-	1 to 11M $\Omega$ ; 11 to 500M $\Omega$
500V	0.5 to 5.5M $\Omega$ ; 5.5 to 200M $\Omega$	1 to 11M $\Omega$ ; 11 to 500M $\Omega$
1000V	-	10 to 110M $\Omega$ ; 110 to 5000M $\Omega$
Short Circuit Current	5mA (max)	
Voltage Measurement/ Safety Check	0 to 600Vac	
Accuracy (M $\Omega$ )	2.5% of Full Scale Length	
Automatic Discharge	5s/μF	8s/μF
Charge Time 250V	-	0.2s/µF
500V	0.5s/µF	0.5s/µF
1000V	_	0.5s/µF
RESISTANCE TESTS		
Measurement Range	0 to 45k $\Omega$ ; 45 to 500k $\Omega$	-
Test Current	1mAdc	-
Accuracy	2.5% of Full Scale Length	-
CONTINUITY TESTS		
Measurement Range	0 to 9 $\Omega$ ; 10 to 100 $\Omega$	-
Test Voltage	5mAbc (10V max)	_
Accuracy	2.5% of Full Scale Length	-

\*DC test voltage generated 5.5 to 200M $\Omega$  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.



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- and proper cranked speed controlled by voltage regulator
- Automatic discharge when measurement is finished

► FEATURES

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True Megohmmeter<sup>®</sup>

- 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

2126.52

Megohmmeter Model 6501 (Hand-cranked, 500V, 500kΩ, Resistance, Continuity) Megohmmeter Model 6503 (Hand-cranked, 250V, 500V, 1000V)

