

## Models 6501 & 6503

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

**Low Cost!**

### SPECIFICATIONS

MODELS	6501	6503
<b>INSULATION TESTS</b>		
Test Ranges*	250V 500V 1000V	1 to 11M $\Omega$ ; 11 to 500M $\Omega$ 1 to 11M $\Omega$ ; 11 to 500M $\Omega$ 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	2.5% of Full Scale Length
Automatic Discharge	5s/ $\mu$ F	8s/ $\mu$ F
Charge Time	250V 500V 1000V	0.2s/ $\mu$ F 0.5s/ $\mu$ F 0.5s/ $\mu$ F
<b>RESISTANCE TESTS</b>		
Measurement Range	0 to 45k $\Omega$ ; 45 to 500k $\Omega$	—
Test Current	1mA <sub>DC</sub>	—
Accuracy	2.5% of Full Scale Length	—
<b>CONTINUITY TESTS</b>		
Measurement Range	0 to 9 $\Omega$ ; 10 to 100 $\Omega$	—
Test Voltage	5mA <sub>DC</sub> (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.

### FEATURES

- True Megohmmeter®
- Test voltages of 250V, 500V and 1000V (model dependent)
- Insulation measurements to 200 and 5000M $\Omega$
- 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

### 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, 500k $\Omega$ , Continuity)
2126.52	Megohmmeter Model 6503 (Hand-cranked, 250V, 500V, 1000V)