

### Models 1050 & 1060

**Test insulation on cables, transformers, motors and wiring installations**

#### ► SPECIFICATIONS

MODELS	1050	1060
<b>INSULATION TESTS</b>		
<b>Test Voltage</b>	50V 100V 250V 500V 1000V	2kΩ to 200GΩ 4kΩ to 400GΩ 10kΩ to 1000GΩ (1TΩ) 20kΩ to 2000GΩ (2TΩ) 40kΩ to 4000GΩ (4TΩ)
<b>Accuracy</b>	2kΩ to 40GΩ 40GΩ to 4TΩ	5% of Reading ± 3cts 15% of Reading ± 10cts
<b>Voltage Test/Safety Check</b>		0 to 1000Vac/bc
<b>Voltage Warning Indicator</b>		>25V
<b>Test Inhibition</b>		Yes >25V
<b>Smooth Function</b>		Yes
<b>RESISTANCE TESTS</b>		
<b>Measurement Range</b>		0.01Ω to 400kΩ
<b>Test Voltage</b>		12.4Vbc max
<b>Test Current</b>		<6mAac
<b>Accuracy</b>	>4kΩ	±3% of Reading ± 3cts
<b>CONTINUITY TESTS</b>		
<b>Measurement Range</b>		0.01 to 39.99Ω
<b>Test Current</b>		≥200mA from 0.01 to 20.00Ω
<b>Accuracy</b>		±3% of Reading ± 4cts
<b>COMMUNICATION</b>		
<b>Memory of Reading over Time R(t)</b>	Yes (20 Readings)	Yes (128kB memory)
<b>Memory of Test Results in Files</b>	No	128kB memory with RS-232 to USB adapter (included)
<b>PC Software/Report Generation</b>	No	DataView® (included)
<b>ELECTRICAL</b>		
<b>Power Source</b>	Eight 1.5V C Cells (included)	9.6V NiMH Battery Pack (included) 85 to 256V (50/60Hz)



#### ► FEATURES

- True Megohmmeter®
- Test voltage selections of 50V, 100V, 250V, 500V and 1000V
- Insulation measurements to 4000GΩ (4TΩ)
- Direct measurement of DAR and PI values
- Direct measurement of sample capacitance
- Display of test voltage and run time
- Programmable test run times and PI times
- Smooth and Alarm functions
- Automatic test inhibition (if live sample >25V)
- Automatic discharge and display of discharge voltage
- Large dual display with time, voltage and measurement
- Bright blue electroluminescent backlight
- Battery powered (Model 1050)
- Auto Power OFF when not in use
- Remote operation with optional test probe
- Rugged, dual wall, weatherproof field case with detachable lead/accessory pouch
- EN 61010-1, 600V CAT III, EN 61557

#### Model 1060 includes the following additional features:

- AC rechargeable NiMH battery pack
- RS-232 interface with USB 2.0 cable for DataView® easy report printing
- 128kB memory to store measurements in specific files
- Remote operation of megohmmeter through PC
- Includes DataView® software for data storage, real-time display, analysis and report generation



#### ► PRODUCT INCLUDES

One red, one blue test lead, one black shielded lead, one each black, red and blue alligator clips, one black test probe and user manual. Model 1060 also includes RS-232 to USB adapter, DB9 F/F 6 ft null modem cable, rechargeable battery, US 120V power cord, and USB stick supplied with DataView® software and user manual.

CATALOG NO.	DESCRIPTION
2130.01	Megohmmeter Model 1050 (Digital, with Analog Bargraph, Backlight, Alarm, Timer, 50V, 100V, 250V, 500V, 1000V, Auto DAR/PI, Resistance, Continuity)
2130.03	Megohmmeter Model 1060 (Digital, with Analog Bargraph, Backlight, Alarm, Timer, 50V, 100V, 250V, 500V, 1000V, Auto DAR/PI, Resistance, Continuity, USB Stick w/ DataView® software, 128kB Memory)
2118.97	Remote Test Probe

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sales@testersandtools.com

Tel: 602-795-4033, Fax: 602-795-4624

