

Models 1050 & 1060

Test insulation on cables, transformers, motors and wiring installations

SPECIFICATIONS

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

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 PC RS-232, DB9 F/F 6 ft null modem cable, rechargeable battery, DataView® software, US 120V power cord and user manual.



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-down 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 to DataView® for 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



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, RS-232 w/ DataView® software, 128kB Memory)
2118.97	Remote Test Probe

