1000V DIGITAL MEGOHMMETER Model 1026



- ➤ Test voltage combinations of 250V, 500V and 1000V
- ► Insulation measurements to 4000MΩ
- ➤ Resistance measurements to 4000Ω
- Large, easy-to-read digital display





Model 1026 quickly verifies the isolation of all the connections in the box.

The Digital Megohmmeter Model 1026 is compact, lightweight and battery-operated. It is a megohmmeter that provides four functional tests: AC voltmeter, DC voltmeter, ohmmeter and a continuity tester. The Model 1026 tests at 250V, 500V and 1000V, and measures insulation resistance from $1k\Omega$ to $4000M\Omega$.

The Model 1026 also features a continuity test range with audible beeper for resistances under 40Ω , and a 600Vac range for safety voltage check. In addition, the Model 1026 has an ohmmeter range to measure from 0.1 to 4000Ω .

The press-to-test button has an associated locking feature for continuous tests up to three minutes, eliminating the need to manually hold down the button.

Other features include: a large 31/2 digit LCD for easy viewing; the data hold button retains the value on the display when pressed to facilitate correct recording of information, and a low battery indicator appears on the LCD when it is necessary to change batteries. This hand-held, easy-to-use megohmmeter can be used for most commonly performed insulation tests, such as on cables, switch gears, motors, DC generators, power tools and small appliances.

The Model 1026 includes test leads, black and red alligator clips, batteries and soft carrying case.

FEATURES

- Test voltage combinations of 250V, 500V and 1000V
- Insulation measurements to 4000MΩ
- Resistance measurements to 4000Ω
- Continuity test
- Continuity beeper
- ➤ 600VAC/DC test voltage range
- ➤ Large, easy-to-read digital display
- Data hold switch
- Test button may be "locked-on" for three minutes for hands-free operation
- Automatic discharge when test button is released
- Low battery indicator
- Includes a soft carrying case and test leads
- ➤ CE Mark

APPLICATIONS

- Motor testing
- Transformer testing
- Relay testing
- Cable monitoring
- Circuit breaker testing
- Continuity checks

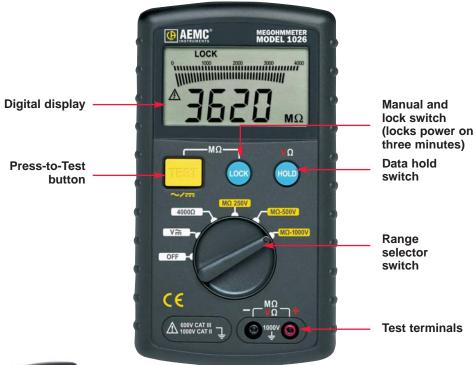


SPECIFICATIONS

MODEL	1026
ELECTRICAL	
Insulation Tests	
Test Voltage 250V 500V 1000V	1k Ω to 4000M Ω 1k Ω to 4000M Ω 1k Ω to 4000M Ω
Accuracy $< 2000M\Omega$ $\geq 2000M\Omega$	±3% of Reading ± 5cts ±5% of Reading ± 5cts
Resistance Tests	
Measurement Range	400 to 4000Ω
Resolution	0.1 to 1Ω
Accuracy	±1% of Reading ± 5cts
Continuity Tests	
Measurement Range	Displays and beeps below 40Ω
Active	≤40Ω
Protection	600Vrms
Voltage Tests	
Measurement Range	0 to 600Vac/bc
Resolution	0.1V
Accuracy AC DC	±1.5% of Reading ± 5cts ±1% of Reading ± 3cts
Power Source	Eight 1.5V AA batteries
MECHANICAL	
Overrange Indication	"OL" will be shown on the LCD Panel when out of range measurement is made
Low Battery Indication	The 🖃 will be shown when the batteries need to be changed
Sampling Rate	2.5 times/sec digital display; 10 times/sec bar graph
Dimensions	7.72 x 4.41 x 2.52" (196 x 112 x 64mm)
Weight	1.5 lbs (700g)
DISPLAY	
Display Type	3 x 1.7" (76 x 42mm) (LCD panel with 40-segments analog bar indication)
ENVIRONMENTAL	
Operating Temperature	32° to 104°F (0° to 40°C), below 80% RH
Storage Temperature	14° to 140°F (-10° to 60°C)
SAFETY	
Safety Rating	EN 61010, 600V, Cat. III, Pollution Degree 2, Altitude up to 6000 ft (2000m), EN50081-1; EN50082-1
Double Insulation	Yes
CE Mark	Yes



CONSTRUCTION





Model 1026 includes soft carrying case, test leads, screw on alligator clips and user manual.

ORDERING INFORMATION

CATALOG NO.

Includes set of leads with black and red alligator clips, batteries, soft carrying case and user manual

Accessories (Optional)

 Soft Carrying Bag.
 Cat. #2117.73





Call the AEMC® Instruments Technical Assistance Hotline for immediate consultation with an applications engineer: (800) 343-1391