

# Digital Megohmmeter Model 1026



The Digital Megohmmeter Model 1026 is a compact, lightweight, battery-operated, hand-held digital megohmmeter. 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 1kΩ to 4000MΩ.

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 0.1Ω 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 3½ 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 lightweight, easy-to-use megohmmeter can be used for most commonly performed insulation tests, such as on cables, switch gear, motors, DC generators, power tools and small appliances.

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


## Features

- Test voltage combinations of 250V, 500V and 1000V
- Insulation measurements to 4000M $\Omega$
- Resistance measurements to 4000 $\Omega$
- 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
- Supplied with a soft carrying case and test leads
- CE Mark

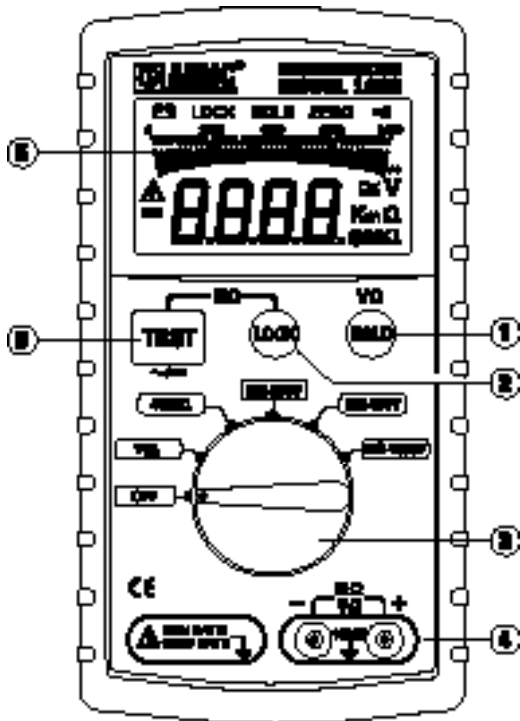
## Applications

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

## Specifications

MODEL	1026	
ELECTRICAL		
INSULATION TESTS		
Test Voltage	250V 500V 1000V	1kΩ to 4000MΩ 1kΩ to 4000MΩ 1kΩ to 4000MΩ
Accuracy	< 2000MΩ >2000MΩ	±3% of Reading ± 5cts ±5% of Reading ± 5cts
RESISTANCE TESTS		
Measurement Range	400Ω to 4000Ω	
Accuracy*	±1% of Reading ± 5cts	
CONTINUITY TESTS		
Beeper Activation	Displays Ω and beeps below 40Ω	
Overload Protection	600Vrms	
VOLTAGE TESTS		
Measurement Range	0 to 600VAC/DC	
Resolution	0.1V	
Accuracy*	AC DC	±1.5% of Reading ± 5cts ±1% of Reading ± 3cts
DISPLAY		
Digital Display	3 x 1.7" (76 x 42mm) (LCD panel with 40-segments analog bar indication)	
GENERAL		
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	
Power Source	8 x 1.5V AA batteries	
Dimensions	7.72 x 4.41 x 2.52" (196 x 112 x 64mm)	
Weight	1.5 lbs (700g)	
Temperature Range	Operating: 32° to 104°F (0° to 40°C), below 80% RH; Storage: 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	
CE Mark	Yes	

\*Accuracies are at 23°C  $\pm$  5°C, below 80% RH



1. Data hold switch
2. Manual and lock switch  
(locks power on 3 minutes)
3. Range selector switch
4. Test terminals
5. Press-to-Test button
6. Digital display



*Soft carrying case and test leads included*

## ORDERING INFORMATION

## CATALOG NO.

**Megohmmeter Model 1026** (Digital, 250V, 500V, 1000V, 4000Ω, V) ..... **Cat. #2117.72**  
Includes set of leads with black and red alligator clips, batteries, soft carrying case and user manual

## Contact Us

### United States & Canada:

Chauvin Arnoux<sup>®</sup>, Inc.  
d.b.a. AEMC<sup>®</sup> Instruments  
200 Foxborough Blvd.  
Foxborough, MA 02035 USA  
(508) 698-2115 • Fax (508) 698-2118  
[www.aemc.com](http://www.aemc.com)

**Customer Support – for placing an order, obtaining price & delivery:**  
[customerservice@aemc.com](mailto:customerservice@aemc.com)

**Sales Department – for general sales information:**  
[sales@aemc.com](mailto:sales@aemc.com)

**Repair and Calibration Service – for information on repair & calibration, obtaining a user manual:**  
[repair@aemc.com](mailto:repair@aemc.com)

**Technical and Product Application Support – for technical and application support:**  
[techinfo@aemc.com](mailto:techinfo@aemc.com)

**Webmaster – for information regarding [www.aemc.com](http://www.aemc.com):**  
[webmaster@aemc.com](mailto:webmaster@aemc.com)

### South America, Central America, Mexico, Caribbean, Australia & New Zealand:

Chauvin Arnoux<sup>®</sup>, Inc.  
d.b.a. AEMC<sup>®</sup> Instruments  
15 Faraday Drive  
Dover, NH 03820 USA  
(978) 526-7667 • Fax (978) 526-7605  
[export@aemc.com](mailto:export@aemc.com)  
[www.aemc.com](http://www.aemc.com)

### All other countries:

Chauvin Arnoux SCA  
190, rue Championnet  
75876 Paris Cedex 18, France  
33 1 44 85 45 28 • Fax 33 1 46 27 73 89  
[info@chauvin-arnoux.com](mailto:info@chauvin-arnoux.com)  
[www.chauvin-arnoux.com](http://www.chauvin-arnoux.com)