

# 1000 V Digital Megohmmeter Model 1025



## Features

- ◆ Measures insulation at 250, 500, and 1000 V.
- ◆ Continuity test
- ◆ Continuity beeper
- ◆ 600 V AC 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 indication
- ◆ CE Mark

## Applications

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

## Description

The Digital Megohmmeter Model 1025 is a compact, light-weight, battery-operated, digital megohmmeter. The Model 1025 tests at 250 V, 500 V, 1000 V, and measures up to 2000 MΩ.

The Model 1025 also features continuity test range with audible beeper for resistances under 100 Ω, and a 600 V AC range for safety voltage check.

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

Other features include large 3-1/2 digit LCD, automatic zero, data hold switch, and low battery indicator. These light-weight,

easy-to-use megohmmeters 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 1025 includes test leads, batteries, carrying case, and user manual.

## Specifications

### INSULATION TESTS

**DC Test Voltage:** 250, 500, 1000 V

**Megohm Range:**  
0.1 to 200 M  
1 to 2000 M (1000 V only)

**Accuracy:**  
1000 to 2000 M : 5% of reading  $\pm$  3 digits

**Test Voltage Generation:** Solid state circuitry generating test voltage ( $\pm$  10%).

### RESISTANCE TESTS


**Range:** 0.1 to 200

**Accuracy:\***  $\pm$  (1% of reading + 2 digits)

**Maximum Open Circuit Voltage:** 3.3 V

**Overload Protection:** 500V DC/AC

### CONTINUITY TESTS

**Range:**  
Displays  and beeps below 100

**Resolution:** 0.1

**Max. Open Circuit Voltage:** 3.2 V

**Overload Protection:** 500 V DC/AC

### VOLTAGE TESTS

**Range:** 600 V AC

**Resolution:** 1 V

**Accuracy:\***  $\pm$  (0.8% of reading + 3 digits)

**Input Impedance:** 10 M

### GENERAL SPECIFICATIONS

**Power Supply:** Six 1.5 V "AA" batteries

**Low Battery Indication:** Indicator on LCD

**Display:** 3-1/2 digit LCD, 0.65" height

**Overrange Indicator:**  
Highest digit of (1) displayed

**Operating T<sub>e</sub>mperature:**  
32° to 104°F (0° to 40°C)

**Storage T<sub>e</sub>mperature:**

14° to 140°F (-10° to 60°C)

**Operating Humidity:** 0 - 80% RH

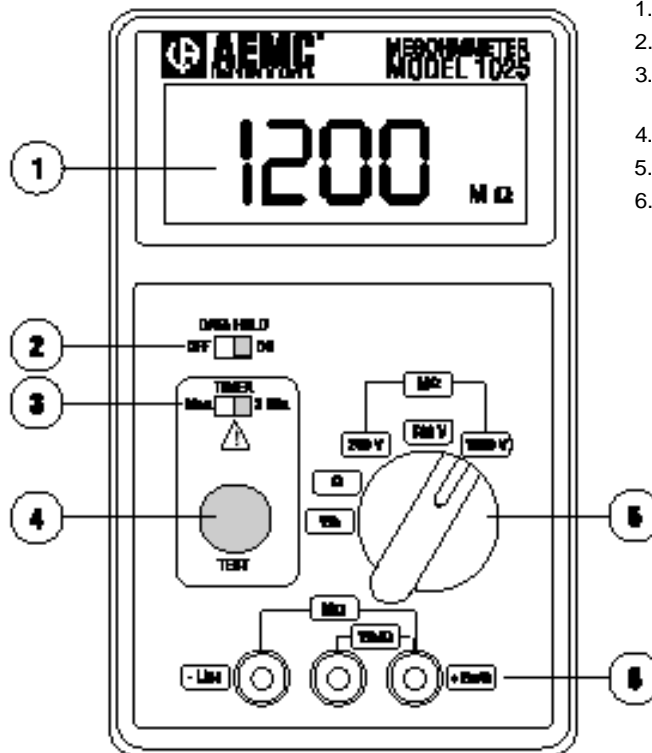
**Storage Humidity:** 0 - 90% RH

**Dimensions:**

6.5 x 3.9 x 2.2" (165 x 100 x 57mm)

**Weight:** 1.1 lb (500 g) approx.

**CE Mark**



1. Digital Display
2. Data Hold Switch
3. Manual and Lock Switch  
(locks power on 3 minutes)
4. Press-to-Test Button
5. Range Selector Switch
6. Test Terminals

## ORDERING INFORMATION

## CATALOG NO.

Megohmmeter Model 1025 ..... Cat. #2111.87  
includes pair of leads, batteries, user manual and carrying case

