



M1000D

Megohmmeter / Insulation Tester

The versatile M1000D provides user selectable test voltage ranges of 250V/500V/1000V to test insulation resistance and can also be used to measure AC voltage up to 750 VAC.

Features / Benefits

- User selectable resistance and voltage ranges
- Large backlit LCD [3.25" (83mm) x 2" (51mm)]
- Data hold button
- Auto power off after 15 minutes
- Power: AA battery x 6 (included)
- Low battery indicator
- Operating Range:
 - Temperature: 32°F – 105°F (0°C – 40°C)
 - Relative Humidity: 30% – 85%
- Dimensions: 7.95" x 4.25" x 2.25" (175mm x 110mm x 70 mm)
- Weight: 1.39 lbs. (630 g)
- 1-year warranty



Applications

- HVAC/R Compressors
- Appliances
- Motors
- Controls
- PCB s

Resistance Specifications

| Selected Voltages | 250V +/- 20% | 500V +/- 20% | 1000V +/- 20% |
|-------------------------|-------------------|-------------------|--------------------|
| Range Button Up | 0.1 – 20 Megohms | .01 – 50 Megohms | 0.1 – 100 Megohms |
| Range Button Down | 20 – 500 Megohms | 50 – 1000 Megohms | 100 – 2000 Megohms |
| Resistance Accuracy | +/- 4% of reading | +/- 4% of reading | +/- 4% of reading |
| Measurement Current | 1.8 mA | 1.8 mA | 1.8 mA |
| Probe Terminal Location | L & E on M1000D | L & E on M1000D | L & E on M1000D |

AC Voltage Specifications

| AC Voltage Range | Voltage Accuracy | Probe Terminal Location |
|------------------|--------------------|-------------------------|
| 0 – 750 VAC | +/- 1 % of reading | ACV & G on M1000D |

Accessories Included

- Megohm Test Lead: One 44.5" (1130 mm) with black alligator clip.
- Voltage Test Leads: Two 43.5" (1105 mm) probe type with separate black and red alligator clip attachments.
- Nylon shoulder strap.



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