

**AMPROBE®** **AMB-45 MegaTest 1**  
**Digital Megohmmeter – Insulation Resistance Tester**



- ▶ Tests insulation of wires, cables, transformers and electrical motors
- ▶ Comes as a complete kit including test leads and PC software
- ▶ Selectable test voltages up to 1000V
- ▶ Programmable timer to perform the Dielectric Absorption Ratio Test
- ▶ Sensitive Ohmmeter for checking resistance of motor windings
- ▶ Built in voltmeter
- ▶ Fast and easy to use, rugged durable design
- ▶ Internal memory to store measurements for future reference
- ▶ Data download to PC
- ▶ Safety CAT III 600V

Feature	Range & Resolution
Insulation resistance with 250, 500& 1000VDC test voltages	0- 4.000/40.00/400.0/ 4000M
Low resistance	0- 400.0, 4000
AC/DC Voltage	0.1 - 600.0V

Replacement Parts (supplied with product)	Part Number
Carrying case	GP-2CC
Special download cable	RS-JACK
test leads complete set	MTL-45
Instruction Manual	www.amprobe.com



**AMPROBE®**  
**POWER QUALITY**  
**Miramar, FL**

**Phone: 954-499-5400**  
**Toll Free: 1-800-327-5060**  
**Fax: 954-499-5454**  
**www.Amprobe.com**

**GENERAL SPECIFICATION:**

- **Display:**  
70 x 46mm LCD with 60 segment analog bar Indicator.
- **Over range Indication:**  
"OL" will be shown on the LCD Panel when an out of range measurement is made.
- **Low Battery Indication:**  
The symbol is displayed indicating a low battery condition.
- **Sampling Rate:**  
2.5 times/sec Digital Display; 10 times/sec Bar Graph
- **Power Source:**  
1.5V AA size Battery X 8
- **Operating Temperature and Humidity:**  
0°C to 40°C ( 32°F to 104°F ), below 80% RH
- **Storage Temperature:**  
-10°C to 60°C ( 14°F to 140°F )
- **Dimension:**  
230 x 116 x 62 mm ; 9 x 4.6 x 2.4 inch
- **Weight:**  
Approx. 750g(with battery)
- **Accessories:**  
Test Lead, Large Jaw Alligator Clips, Batteries, Instruction Manual, Carrying Case, software, RS-232 cable.

**III. ELECTRICAL SPECIFICATION:****AC Voltage**

Range	Resolution	Accuracy
600V	0.1V	1.5%rdg+5dgts

**DC Voltage**

Range	Resolution	Accuracy
600V	0.1V	1%rdg+3dgts

**Ohms (Autoranging)**

Range	Resolution	Accuracy
400	0.1	1%rdg+5dgts
4000	1	

## ••• Continuity beeper

Range	Resolution	Protection
•••	40	250Vms

**M (Autoranging)**

Range	Resolution	Accuracy
4/40/400/400M_(250V)	1K	3%rdg+5dgts < 2G 5%rdg+5dgts < 4G
4/40/400/4000M_(500V)		
4/40/400/400M_(1000V)		

Recording Length: 4000 records

Safety: N-61010-1 600V CAT III 1000V CATII VDE 0413



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