

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



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