



## AMB-45 Digital Insulation Tester

Test insulation of wires, cables, transformers and electrical motors quickly and easily with this rugged tester.

- Three selectable test voltages
- Programmable timer to perform Dielectric Absorption Ratio (DAR) test
- Sensitive ohmmeter for checking resistance of motor windings
- Built-in voltmeter
- Internal memory of 99 data points to store measurements for future reference
- Download data to PC with included PC software
- Rugged durable design

**INCLUDED ACCESSORIES:** Test leads, users manual, batteries (installed), carrying case, software & download cable



## Telaris ISO-PRO Insulation Tester

A full suite of features translates into robust functionality for testing electrical systems, conductors, and machines. Test insulation resistance of electrical circuit main lines to earth ground and main neutral to earth ground.

- Pre-set the limits of the insulation measurement range
- Test lead compensation for precise zero adjustment in the event of low-ohm measurement
- Bar graph
- Backlight makes the screen readable even in poor lighting conditions
- Timer measurement for fast testing of several conductors or leads
- Infrared interface for recording the measurement results on a PC
- Data memory for up to 500 measurement values
- Energy management

**INCLUDED ACCESSORIES:** Test leads, users manual, batteries (installed), carrying case



## AMB-25 Digital Insulation Resistance Tester

Quality tools don't have to be expensive. These affordable, rugged megohmmeters are fast and easy to use, and offer the features you need for most insulation test applications including wires, cables, transformers and motors.

- Selectable test voltages up to 1000 V
- Button lock for Dielectric Absorption Ratio (DAR) test
- Sensitive ohmmeter for checking resistance of motor windings
- Internal memory stores nine readings

**INCLUDED ACCESSORIES:** Test leads, users manual, batteries (installed)



FEATURES	AMB-45	AMB-25	ISO-PRO
Insulation resistance (100 V dc)	-	-	1.999 MΩ
Insulation resistance (250 V dc)	4.000 MΩ, 40.00 MΩ, 400.0 MΩ, 4000 MΩ	40.00 MΩ, 400.0 MΩ	19.99 MΩ
Insulation resistance (500 V dc)	4.000 MΩ, 40.00 MΩ, 400.0 MΩ, 4000 MΩ	400.0 MΩ, 1000.0 MΩ	199.9 MΩ
Insulation resistance (1000 V dc)	4.000 MΩ, 40.00 MΩ, 400.0 MΩ, 4000 MΩ	400.0 MΩ, 2000.0 MΩ	1999 MΩ
Resistance (9 V)	400.0 MΩ, 4000 Ω	999.9 Ω	19.99 MΩ
Voltage ac/dc	600.0 V	-	500 V

For detailed specifications go to [www.Amprobe.com](http://www.Amprobe.com)



### ORDERING INFORMATION

**AMB-25**  
DIGITAL INSULATION  
RESISTANCE TESTER

**ISO-PRO**  
TELARIS ISO-PRO INSULATION  
TESTER

**AMB-50**  
DIGITAL INSULATION  
RESISTANCE TESTER

## AMB-50, AMB-55 and AMB-110 Industrial High-Voltage Insulation Testers

Professional insulation diagnostics, automated calculations and step voltage testing satisfy the most demanding customers and applications. You can accurately test cables, transformers, motors, surge arrestors and generators in noisy environments such as high voltage switchyards. Built-in noise rejection filters and shielded test leads provide high EMI immunity.

- Selectable testing voltages: use one testing instrument for low and high voltage systems
  - AMB-50 from 500 V to 5000 V with 25 V increments
  - AMB-55 from 250 V to 5000 V with 25 V increments
  - AMB-110 from 500 V to 10,000 V with 25 V increments
- R(t) graph plots resistance in real time to graphically illustrate a material's response to the applied voltage
- Programmable Timer (1 second to 30 minutes)
- Automatic discharge of test object after measurement is complete
- Measure and display all parameters simultaneously on large LCD
- Fast charging and testing
- Dual power source: receptacle or rechargeable batteries
- Built-in memory stores 1000 measurements with time and date
- Windows-compatible PC Software and either RS232 or USB communications ports for recording and managing test data on PC

FEATURE	AMB-50	AMB-55	AMB-110
Insulation Resistance	0.5 MΩ → 20 GΩ, 2 MΩ → 40 GΩ, 5 MΩ → 100 MΩ, 100 MΩ → 1000 GΩ	0 Ω → 999 kΩ, 1.00 Ω → 9.99 MΩ, 10.0 MΩ → 100.0 MΩ, 1.00 Ω → 9.99 GΩ	
Test Voltage and Step Voltage Display Range	0 V → 5000 V	0 V → 5500 V	0 V → 9999 V
Current Display Range	0 mA → 1.2 mA	0.00 nA → 9.99 nA, 10.0 nA → 99.9 nA, 100 nA → 999 nA, 1.00 μA → 9.99 μA, 10.0 μA → 99.9 μA, 100 μA → 999 μA, 1.00 mA → 5.50 mA	
Dielectric Absorption Ratio (DAR)	0 → 9.99	0.01 → 100.0	
Polarization Index (PI)	0 → 9.99	0 → 100.0	
Dielectric Discharge Test (DD)	0 → 9.99	0 → 100.0	
Leakage Current Display Range	1 mA → 1.2 mA	0 mA → 5.50 mA	
External Voltage Measurement	30 V → 600 V	0 V → 600 V	
Capacitance Measurement	-	0 nF → 99.9 nF, 100 nF → 999 nF, 1 μF → 50.0 μF	
Download PC Interface	•	•	
Memory Size	18 Measurements	128 kB	

**INCLUDED ACCESSORIES:** Test lead, large jaw alligator clips, batteries, users manual, carrying case, software, RS-232 cable (AMB-55, AMB-110), USB cable



### RECOMMENDED ACCESSORIES

- AMB-50-KIT1** Test leads (AMB-50)
- AMB-KIT1** Test leads (AMB-55, AMB-110)



AMB-50



AMB-55



AMB-110



For detailed specifications go to [www.Amprobe.com](http://www.Amprobe.com)



### ORDERING INFORMATION

**AMB-50**  
HIGH VOLTAGE DIGITAL MEGOHM-  
METERS – INSULATION RESISTANCE  
TESTERS

**AMB-55**  
HIGH VOLTAGE DIGITAL MEGOHM-  
METERS – INSULATION RESISTANCE  
TESTERS

**AMB-110**  
HIGH VOLTAGE DIGITAL MEGOHM-  
METERS – INSULATION RESISTANCE  
TESTERS