

Instruction Manual

⚠ Safety Information

- Never use the tester if it or its test leads appear damaged
- Never apply more than 600V DC or 600V AC RMS between any terminal and earth ground.
- ⚡ If the LED turns on it indicates the presence of voltage at the probe tip.
- When using the probes, do not touch the metal probe tips.
- Disconnect the live test lead before disconnecting the common test lead.
- Before each use, verify the tester's operation by measuring a known voltage.

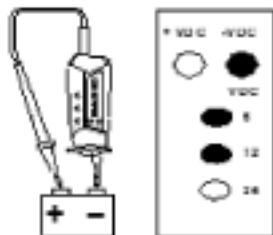
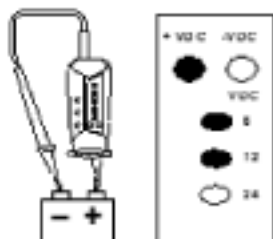
Automatic Operation

The tester automatically turns on when you place the probes across a complete circuit. The tester selects continuity or dc or ac voltage mode based on the resistance or voltage between the probes. The tester automatically turns off when you remove the probes from the complete circuit.

Measuring Voltage

Connect test leads across the source or load under measurement, the LEDs turn on at between 70% and 100% of their rated voltages.

DC Voltage 600V DC maximum 600



AC Voltage 600V RMS maximum 45Hz to 66Hz



Testing for Continuity

Turn off circuit power before testing

Beeper indicates shorts lasting 1ms or longer

OPEN



SHORT or 0-85 KΩ



220V AC

Specifications

Function	Range	Accuracy
AC voltage(V)	24,120,208,240,277,480,600	-30% to 0% of reading
DC voltage(V)	6,12,24,36,48,110,220	-30% to 0% of reading

Continuity test: Audible threshold 0-85kΩ, Continuity beeper 2KHz

Maximum Voltage Between any Terminal and Earth Ground:

600 V Overvoltage Category III

Input Impedance: 1MΩ

Temperature: Operating: 5°C (41°F) to 40°C (104°F)

Storage : -30°C to +60°C

Altitude: Operating: 2000m; **Storage:**10,000m

Relative Humidity:

80% for Temp up to 31°C decreasing linearly to 50% RH at 40°C

Battery Type and Life: AA(2); 350 hours with NEDA 15°F or IEC R6

Safety: Complies with EN61010-1:1993 for use in overvoltage CAT III environments

Pollution Degree: 2

For indoor use only

EMC Regulations: EN50081-1, EN50082-1

Battery Test and Replacement

Replace the batteries when touching the leads together no longer turns on the continuity LED.

2xAA

Disconnect probes from Voltag. Do not over-tighten screws



WARRANTY

Congratulations! Your new instrument has been quality crafted according to quality standards and contains quality components and workmanship. It has been inspected for proper operation of all of its functions and tested by qualified factory technicians according to the long-established standards of our company.

Your instrument has a limited warranty against defective materials and/or workmanship for one-year from the date of purchase provided that, in the opinion of the factory, the instrument has not been tampered with or taken apart.

Should your instrument fail due to defective materials, and/or workmanship during this one-year period, a no charge repair or replacement will be made to the original purchaser. Please have your dated bill of sale, which must identify the instrument model number and serial number and call the number listed below:

Repair Department
ATP – Amprobe, TIF, Promax
Miramar, FL
Phone: 954-499-5400
800-327-5060
Fax : 954-499-5454
Website: www.amprobe.com

Please obtain an RMA number before returning product for repair. Outside the U.S.A. the local representative will assist you. Above limited warranty covers repair and replacement of instrument only and no other obligation is stated or implied.



Miramara, Florida 33025