

## AM-450 Digital Multimeter

## Designed for in home repair and electrical testing applications

This versatile, easy-to-use digital multimeter is a great choice for homeowners, HVAC and office maintenance staff alike. Use it to measure voltage in receptacles, extension cords, light fixtures, batteries, and other electrical circuits up to 600 V. Or check the continuity of fuses, light bulbs, and electrical connections with an audible alert.

You can even use it to verify the voltage level of automotive batteries and troubleshoot electrical problems in cars. DC ranges of voltage and current are included to help with automotive diagnostics of electrical system. The battery test feature checks the amount of charge remaining in standard 1.5 V and 9 V batteries. With its user-friendly digital multimeter features like auto-ranging and a CAT III safety rating, the AM-450 will save time and increase measurement confidence.

## AM-450 Features

- · Verify presence of voltage in electrical sockets, extension cords, batteries and other electrical circuits up to 600 V
- Measures AC/DC Voltage up to 600 V, AC/DC Current to 10A, Resistance
- · Micro amps function to troubleshoot flame sensors used in gas appliances
- Audible Continuity
- · Diode test to verify diode polarity
- Data hold to retain readings on the screen
- Auto power off to conserve battery life
- · Low battery warning helps avoid losing power in midmeasurement
- · Prop stand for hands free operation
- · Safety rating: CAT III 300 V, CAT II 600 V

Safety Certification All Amprobe tools, including the Amprobe AM-450, are rigorously tested for safety, accuracy, reliability, and ruggedness in our state-of-the-art test lab. In addition, Amprobe products that measure electricity are listed by a 3rd party safety lab, either UL or CSA. This system assures that Amprobe products meet or exceed safety regulations and will perform in a tough, professional environment for many years to come.









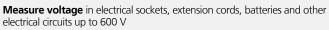
Digital Multimeter

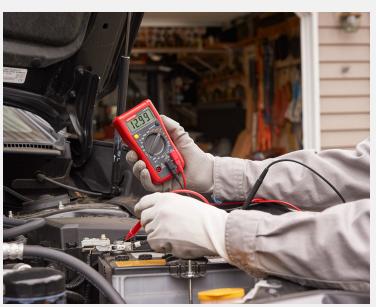












**Diagnose** automotive electrical problems

Feature	AM-450	Best Accuracy
AC Voltage	200.0 / 600 V	+/-(1.2% rdg + 3 LSD) @ 45 Hz to 400 Hz
DC Voltage	200.0 / 2000 mV 20.00 / 200.0 / 600 V	+/-(0.5% rdg + 2 LSD) @ 200 mV to 200 V
DC Current	200.0 μA 20.00 / 200.0 mA , 10 A	+/-(1.0% rdg + 2 LSD) @ 200 µA to 20 mA
Resistance	200.0 / 2000 Ω 20.00 / 200.0 / 2000 kΩ 20.00 MΩ	+/-(0.8% rdg + 5 LSD) @ 200 Ω to 2000 kΩ
Battery Test	1.5 V, 9 V	+/-(2.0% rdg + 5 LSD)
Continuity		•
Diode Test	•	
Data Hold	•	
Maximum Display	1999, updates 2 to 3/sec	
Range	Manual-ranging	
Over-range indication	"1", "-1" or maximum display reading	
Operating Temperature	32°F to 104°F (0°C to +40°C)	
Relative Humidity	32°F to 86°F (0°C to +30°C) ≤75%; 86°F to 104°F (+30°C to +40°C) ≤50%	
Pollution degree	2	
Operating Altitude	≤ 6561 ft (2000 m)	
Storage Temperature	14°F to 122°F (-10°C to +50°C)	
Electromagnetic Compatibility	In an RF filed of $1V/m = Specified$ accuracy $\pm 5\%$ . RF field $> 1V/m$ is not specified	
Battery	One 9V alkaline battery (6LF22, 6LR61, MN1604) or equivalent	
Battery Life	Alkaline: 100 hours typical	
Low Battery Indication	<b>=</b> ∓	
Overvoltage Category	CAT III 300 V, CAT II 600 V	
Safety Compliance	IEC 61010-1, UL 61010-1 2nd Ed. and CAN/CSA C22.2 No. 61010-1-04 Update No.1:2008	
EMC Compliance	Conforms to IEC 61326-1	
Certification	. <b>©</b> :, C € .	
Dimensions (L x W x H)	5.5 x 2.9 x 1.5 in (140.5 x 74.5 x 38.4 mm)	
Weight	Approximately 0.44lb (200q) with battery installed	