VPC-10A and VPC-12
Voltage and Continuity Testers

Troubleshoot voltage and continuity in residential and commercial environments

Easy to use testers designed to troubleshoot voltage and continuity for residential and commercial applications.

The Amprobe VPC-10A

A rugged, easy to use tester for residential and commercial applications

- Quickly troubleshoot voltage and continuity and detect presence of voltages easily
- Turns on when a complete circuit is sensed, automatically selects AC or DC voltage or continuity mode, and autos-off when removed from a circuit
- Seven visual voltage indicators clearly differentiating between key voltage levels
- Safety rated **CAT III 600 V**

The Amprobe VPC-12

A rugged, easy to use tester for residential and commercial applications

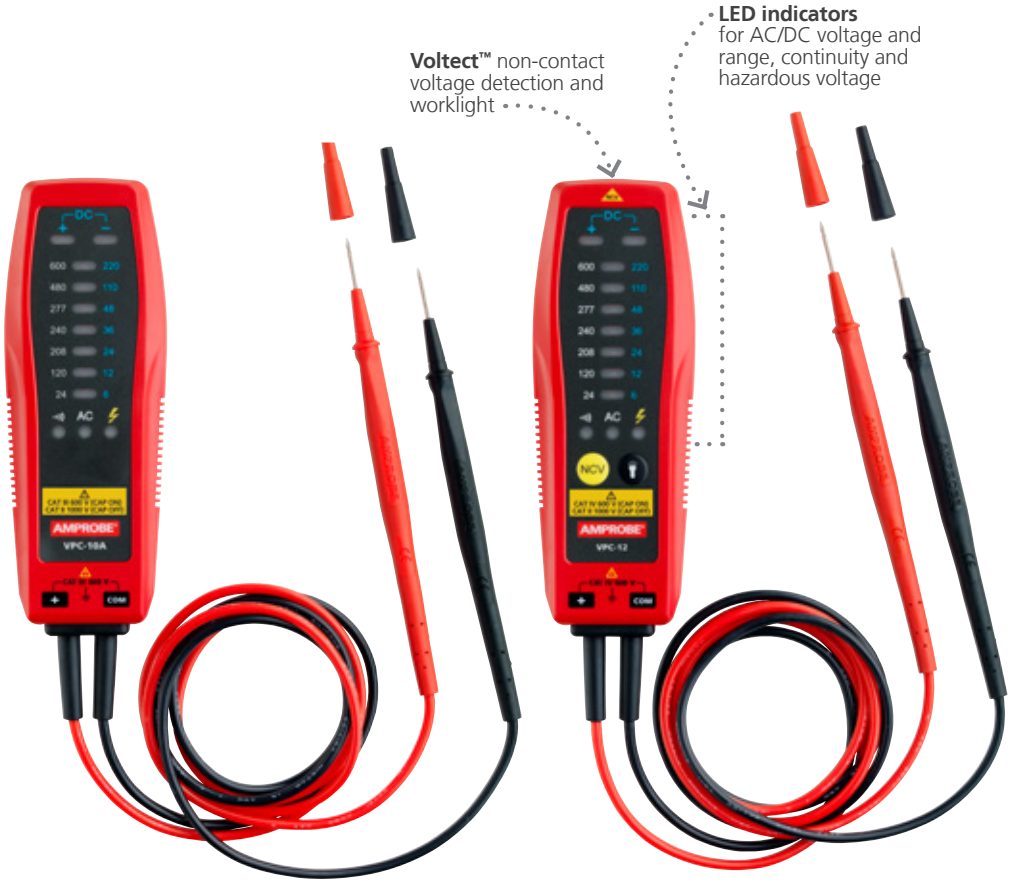
- Quickly troubleshoot voltage and continuity and detect presence of voltages easily
- Turns on when a complete circuit is sensed, automatically selects AC or DC voltage or continuity mode, and autos-off when removed from a circuit
- Seven visual voltage indicators clearly differentiating between key voltage levels
- Built in VolTect™ non-contact voltage detection adds an extra level of safety
- Vibrating alert indicates the presence of dangerous voltage levels and continuity
- Bright work light built in to take measurements in dimly lit locations
- Safety rated **CAT IV 600 V**

Features

- **Automatically selects** ac voltage, dc voltage or continuity
- **Bright LED lights indicate seven levels of ac and dc voltages:**
  - Volts (AC) 24, 120, 208, 240, 277, 480, 600
  - Volts (DC) 6, 12, 24, 36, 48, 110, 220
- **Full range polarity** to detect negative or positive dc voltage
- **Built-in VolTect™** non-contact voltage detection (VPC-12 only)
- **Visual, audible and vibration alerts** for indicating voltage and continuity (vibration alert VPC-12 only)
- **Bright work light** to take measurements in dimly lit locations (VPC-12 only)

Safety Certification

All Amprobe tools, including the Amprobe VPC-10A and VPC-12, 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.



Electrical Safety CAT III 600 V
VPC-10A
Voltage and Continuity Tester

Electrical Safety CAT IV 600 V
VPC-12
Voltage and Continuity Tester with VolTect™

Highlights

Applications
You can quickly measure ac and dc voltage in circuitry and its components—including outlets, light fixtures, batteries and extension cords— as well as test the continuity of fuses, light bulbs and electrical connections.

To increase accuracy and speed, the VPCs turn on when a complete circuit is sensed, automatically select AC or DC voltage or continuity mode, and auto-off when removed from a circuit.

With an operating battery life of 300 hours and operating temperature ranging from 41 degrees F to 140 degrees F, these tools are just as rugged and reliable as they are safe.

How safe is it?
As is expected from an Amprobe tool, they bring the highest standard of safety to professional electricians, appliance technicians and home owners working in a CAT IV 600 V environment.

Upgrade with the VPC-12
With this model, a vibrating alert indicates the presence of continuity as well as dangerous voltage levels, in additional to the visual and audible alerts. This is especially helpful when wearing thick PPE gloves and working in a noisy environment.

Also, the VPC-12 includes VolTect™ Non-contact Voltage Detection, an added level of safety when working with high voltage levels in an industrial setting.

Finally, a built-in light makes working in dimly-lit areas possible with the VPC-12.

What does it come with?
It comes complete and ready so you can use it right away, including three 1.5 V AAA batteries and a printed user manual.

Specifications

Feature	VPC-10A	VPC-12
LED Voltage range	24…600 VAC, 6…220 VDC	
LED voltage indicators	**AC volts:** 24 V, 120 V, 208 V, 240 V, 277 V, 480 V, 600 V, **DC volts:** 6 V, 12 V, 24 V, 36 V, 48 V, 110 V, 220 V	
Frequency range	50 to 60 Hz	
Acoustic indication	≥ 24 VAC, ≥ 6 VDC	
Built-in vibration alert	–	≥ 24 VAC, ≥ 6 VDC
Tolerances LEDs	-30 % to 0 % of reading	
Voltage detection	Automatic	
Hazardous voltage indication	≥ 24 VAC; ≥ 48 VDC	
Range detection	Automatic	
Polarity detection	Full range	
Continuity indication	LED and buzzer (0 to 45 kΩ ON; >85 kΩ OFF)	LED, buzzer and vibration (0 to 45 kΩ ON; >85 kΩ OFF)
Continuity range	0 to 45 kΩ	
Continuity tolerances	0 % to +50 %	
Continuity buzzer	3 kHz	
VolTect™ non-contact voltage	–	90 to 600 VAC, **Sensitivity:** beeps and vibrates ≤ 10 mm (0.39 in) distance from a wire carrying 100 VAC
Work light	–	•
Input impedance	1 MΩ	
Operating time	30 seconds ON maximum and wait for five minutes before taking another measurement	
Operating altitude	≤ 6561 ft (2000 m)	
Operating temperature	41 °F to 122 °F (5 °C to 50 °C)	
Storage conditions	-22 °F to 140 °F (-30 °C to 60 °C)	
Humidity (Without Condensation)	≥ 80% RH at 41 °F to 104 °F (5 °C to 40 °C); ≥ 50% RH at > 104 °F to 122 °F (> 40 °C to 50 °C)	
Pollution degree	2	
Power supply	Three 1.5 V battery AAA, LR03, UM4 or equivalent	
Battery life	300 hours (alkaline) (typical)	
Electrical safety	CAN/CSA-C22.2 No. 61010-1-12, UL Std. No. 61010-1 (3rd Edition), CAN/CSA-C22.2 No. 61010-031-07, UL 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-2-030-12, UL 61010-2-030(1st Edition -2012)	
Overvoltage category	CAT III 600 V In CAT III environments, use the test probes with the probe caps on. This decreases the exposed probe tip to reduce the possibility of an arc flash from short circuits. When the probe cap is off, the probe tip is 18 mm and rated to CAT II 1000 V.	CAT IV 600 V In CAT III or CAT IV environments, use the test probes with the probe cap on. This decreases the exposed probe tip to reduce the possibility of arc flash from short circuits. When the probe cap is off, the probe tip is 18 mm and rated to CAT II 1000 V.
EMC	Conforms to IEC 61326-1	
Certification		
Dimensions (H x W x D)	5.90 x 2.13 x 1.34 in (150 x 54 x 34 mm)	
Weight	Approximately 0.45 lb (205 g) with batteries installed	