

1-800-GRAINGER (472-4643)



## Non-Contact Voltage Detectors

Handheld pen-style tools have tips that light up or sound an audible beep when voltage is detected. No direct contact with test objects is required. Typically used to test for voltage in outlets, switches, and electrical panels. Can also test for live voltage through insulated wires and cables. Batteries are included.

Units with built-in flashlights illuminate poorly lit or dark work areas to increase visibility to test objects.

Maximum AC Voltage Measured	Alert Type	Built-In Flashlight	Additional Features	Brand	Item No.	Pkg. Qty.
<b>CAT III 600V</b>						
600 V	Audible, Visual	No	—	Extech	5HXC2	1
600 V	Visual	No	Current Detection	Extech	1VXT3	1
<b>CAT III 1000V</b>						
1,000 V	Visual	No	—	Amprobe	12U589	1
<b>CAT IV 600V</b>						
600 V	Visual	Yes	—	Fluke	1DG1	1
<b>CAT IV 1000V</b>						
90 V	Audible, Visual	No	—	Fluke	2KU26	1
1,000 V	Visual	No	—	Fluke	6GAE8	1
		No	—	Fluke	6GAE9	5
		No	IR Thermometer	Klein Tools	258X17	1
		No	—	Fluke	2KU25	1
		No	—	Fluke	2KU27	5
		No	—	Greenlee	2NRW6	1
	Audible, Visual	No	—	Milwaukee	6JHY1	1
		Yes	—	FLIR	60PT83	1
		Yes	—	Greenlee	55YE81	1
		Yes	—	Milwaukee	6JHY2	1
		Yes	—	Amprobe	460J52	1
		Yes	—	Klein Tools	61HH68	1
		Yes	Dual Tip	Greenlee	55YE82	1
		Yes	Resistance Measurement	Milwaukee	20LN62	1
		Yes	Magnetic Solenoid Testing	Amprobe	460J53	1



## Voltage Testers

Instruments have test leads or probe tips that contact outlets, switches, electrical panels, wires, and cables and provide a visual or audible indication of the presence of voltage.

Units with built-in flashlights illuminate poorly lit or dark work areas to increase visibility to test objects.

Testing Functions	Maximum AC Voltage Measured	Maximum DC Voltage Measured	Display Type	Alert Type	Built-In Flashlight	Brand	Item No.
<b>CAT III 1000V, CAT IV 600V</b>							
GFCI	600 V	600 V	Digital	Audible, Visual	Yes	Fluke	1CWL2
DC Voltage	Not Applicable	1,000 V	Digital	Visual	No	Fluke	31FN25
AC Voltage	1,000 V	Not Applicable	Digital	Visual	No	Amprobe	7DZ53
<b>CAT III 600V</b>							
AC Voltage, DC Voltage	480 V	480 V	Indicator Light	Visual	No	Amprobe	5NLK5
AC Voltage, Continuity, DC Polarity, DC Voltage	600 V	600 V	Indicator Light	Visual	No	IDEAL	3T887
AC Voltage, DC Polarity, DC Voltage	600 V	600 V	Indicator Light	Visual	No	IDEAL	3T886
<b>CAT III 600V, CAT IV 600V</b>							
AC Voltage, Continuity, DC Voltage, Phase Rotation	480 V	690 V	Digital	Audible, Visual	Yes	Extech	2TKT6
<b>CAT IV 600V</b>							
—	600 V	Not Applicable	Indicator Light	Visual	No	Hde	35ME29
—	600 V	Not Applicable	Indicator Light	Audible, Visual	No	Hde	35ME38



## Continuity Testers

Handheld instruments verify the presence of power or continuity in electrical lines. Commonly used by electricians to test switches, outlets, and breaker panels.

**Klein Tools and Milwaukee** units use test leads (included) and have audible and visual indicators for fast test results. Automatic selection of voltage or continuity measurement mode. Built-in flashlights illuminate poorly lit or dark work areas to increase visibility to test objects.

**Desco** units are pen-style testers that confirm electrical circuit continuity with either a visual or audible indicator. 55AV52 offers two different terminations (banana plug or alligator clip) for flexibility.

Testing Functions	Maximum AC Voltage Measured	Maximum DC Voltage Measured	Maximum Resistance Measured	Display Type	Alert Type	Built-In Flashlight	Brand	Item No.
<b>CAT IV 600V</b>								
GFCI	600 V	600 V	270 kilohm	Digital	Audible, Visual	Yes	Klein Tools	258X12
Continuity	600 V	600 V	—	Digital	Audible, Visual	Yes	Milwaukee	20LN63
Continuity	600 V	600 V	20 kilohm	Digital	Audible, Visual	Yes	Milwaukee	20LN64
<b>Not Rated</b>								
Continuity	480 V	24 V	50 ohm	Indicator Light	Audible	No	Desco	55AV52
Continuity	—	—	10 ohm	Indicator Light	Visual	No	Desco	55AV51



## Absence of Voltage Testers

Testers provide a visual signal to indicate when electrical lines are de-energized. Allow technicians and maintenance workers to verify that equipment is safe to work on and help reduce exposure to electrical shocks and other hazardous conditions.

**Panduit** testers are permanently installed into electrical systems and include sensor leads and system cables.

**Wiha** handheld tool has amber LED molded into the handle that lights up with hot contact at the tip.

Maximum AC Voltage Measured	Maximum DC Voltage Measured	Cable Length	Includes	Brand	Item No.
600 V	600 V	24 in	AVT Tester Equipped with 3 ft Sensor Lead	Panduit	54ZW96
600 V	600 V	8 ft	AVT Tester with 10 ft Sensor Lead	Panduit	54ZW97
1,000 V	1,500 V	—	Pocket Clip	Wiha	53KE81

