**Testers** 





## **Receptacle and Circuit Testers**

Check for correct wiring in 3-wire electrical receptacles on AC circuits. GFCI and AFCI (arc fault circuit interrupter) testers also verify proper circuit interrupt operation. All except 3D360 feature LED indicators.

WARNING: Not for use on circuits employing isolation transformers (such as cardiac care).

Item	Voltage	Load Current	Safety Rating	Brand	ltem No.
Receptacle Tester	110 to 125V AC	_		Westward	19T233
Receptacle Tester with GFCI	110 to 125V AC	6 to 9 mA (GFCI)	_	Westward	19T234
Receptacle Tester with GFCI	125V AC	_	_	Hubbell Wiring Device-Kellems	3D360
Receptacle Tester with GFCI	120V AC	_	_	Extech	40JZ67
Receptacle Tester with GFCI	_	_	_	Brady	15Y517
AC Circuit Analyzer	95 to 140V AC	30 mA (RCD), 6 mA (GFCI)	CAT II 120V	Amprobe	6UNU9



HD ELECTRIC COMPANY

### **High Voltage Storm Restoration and Maintenance Tools**

### Personal Voltage Detector—

Detects and alerts operator when in the presence of electrical fields or energized electrical equipment.

#### **Noncontact Voltage**

**Detectors**—Noncontact voltage detectors give indication with a typical detection distance of 10". A 15-min. charge provides a full day use.

Voltmeters—Compact dual-stick itance test point mode and peak hold. 1% accuracy from reading.

#### **Direct-Contact Voltage Detectors-**Single-point instruments are designed to read voltage on a conductor up to 500kV line-to-ground.

Low-Voltage Detector—Used to detect stray voltage as low as 5 volts.

**High Voltage Ammeter—**Capability to voltmeters and phasing set with capac- take spot-load studies at transformers or any mid-span location, as well as phase balance studies on primary or secondary lines, all within accuracy of 1%. Takes True RMS AC current measurements up to 2000A, 25 to 500 Hz.

> Hotsticks—Fiberglass sticks are designed and required to be used with voltmeters, noncontact and direct contact voltage detectors, and ammeters.







Description	Includes	Voltage Range	Power Req.	Mfr. Model	ltem No.
Personal Voltage Detector		•	•		
V-Watch	Carrying Case Lanyard	2400V AC	9V Alkaline 1604A, IEC 6LR61	VW-20H	35ME39
Non Contact Voltage Detectors					
Proximity Voltage Detector	Carrying Holster and Carrying Case, Charge Cord, Transformer	120V AC to 500kV	Lithium Battery	PRX-500	35ME32
	Carrying Holster and Carrying Case, Charge Cord, Transformer	120V AC to 69kV	Lithium Battery	PRX-69D	35ME33
/oltmeters					
Universal Digital Voltmeter	Case and (2) Overhead Probes, Peak Hold	5V to 40kV	_	DVM-80UVM	35ME27
Voltmeter Proof Tester	9V Battery	_	9V Alkaline Battery	PT-5000B	35ME34
Direct Contact Voltage Detecto	ors .				
DVI Proof Tester	_	_	9V Alkaline Battery	PT-DVI	35ME35
Low Voltage Detector and Acce	essories				
Stray Voltage Detector	Holster with Integrated Tester	5 to 600V AC	_	LV-5/K01	35ME29
Extension Handle	<u>–</u>	_	<u> </u>	LV-EH	35ME30
Ground Shield	<u>–</u>	_	_	LV-GS	35ME31
Voltage Probe	Bag	5 to 600V AC	_	VP-1/K01	35ME38
VP Proof Tester	<u>–</u>	_	Battery	PT-VP	35ME40
Voltage Ammeter			<u> </u>		
High Voltage Digial Ammeter	Tool and bag	500kV, 25 to 500Hz	9V Alkaline Battery	HVA-2000	35ME28
Hotsticks					
4 Ft.				S-4H	35ME36
6 Ft.				S-6H	35ME37



#### **AMPROBE**

## **High Energy Tic Tracer**

- Verifies presence of 30V to 122kVAC (above 1500V requires Hot Stick 2CJN9, sold separately)
- Visual and audible voltage indication
- Dropproof to 6 ft.

Utility tool safely checks transmission lines, power distribution equipment. downed power lines, fuses, and load break connectors. Includes 9V battery.

	Item
Description	No.
High Voltage Detector	4JNV4
Adjustable Hot Stick	2CJN9



# **GFCI** and **AC Circuit Analyzers**

Units measure loaded and unloaded AC line voltages; calculate and display % voltage drop and line impedance; and display peak line voltage and frequency. Offer selectable 12, 15, or 20A load. 5GCC8 includes test cord with 3-prong plug. CAT II 300V. 9TE53 is CAT III 300V.



Item	Voltage	Load Current	Brand	No.
GFCI Analyzer	90 to 240V AC	30 to 37 mA (EPD), 6 to 9 mA (GFCI)	Extech	5GCC8
AC Circuit Analyzer	85 to 265V AC	6 to 9 mA (GFCI), Greater than 30 mA (EPD)	Suretest	9TE53