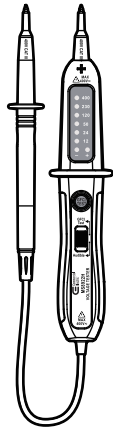




Item # 1001 490 635  
Model # MS8922H

## USE AND CARE GUIDE

### VOLTAGE TESTER



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#### THANK YOU

We appreciate the trust and confidence you have placed in Commercial Electric through the purchase of this voltage tester. We strive to continually create quality products designed to enhance your home. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing Commercial Electric!

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### Safety Information

Please read this manual carefully and pay attention to related safe working standards before using this tester. Protection provided by the instrument will be impaired if used in a manner not specified by the manufacturer. This tester provides a simple and fast method for testing AC and DC voltage up to 400 volts.

Symbol	Definition
	Indicates important safety information.
	Caution, possibility of electric shock.
	Double insulation, Protection Class II
	This product CONFORMS TO UL STD 61010-1, 61010-031 and 61010-2-030.
<b>CAT III</b>	Measurement category III is for measurements performed in the building installation. Examples are measurements on distribution boards, circuit-breakers, wiring, including cables, bus-bars, junction boxes, switches, socket-outlets in the fixed installation, and equipment for industrial use and some other equipment, for example, stationary motors with permanent connection to the fixed installation.

### PRECAUTIONS

**WARNING:** Read, understand and follow the Safety Rules and Operating Instructions in this manual before using this instrument.

**WARNING:** Verify tester's operation by measuring a known voltage.



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### Safety Information (continued)

**WARNING:** The tester's safety features may not protect the user if not used in accordance to the manufacturer's instructions.

**WARNING:** Do not use the tester in wet or damp environments or during electrical storms.

**WARNING:** Keep fingers away from the metal probe tips when taking measurements.

**WARNING:** Do not use the tester near explosive vapors, dust or gasses.

**WARNING:** Comply with all safety codes. Use approved personal protective equipment when working near live electrical circuits.

**WARNING:** Do not apply voltage that exceeds the tester's maximum rated input limits.

**WARNING:** Do not use if the instrument or test leads appear damaged.

### Warranty

WARRANTY: 12 months

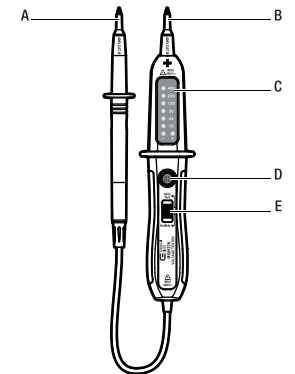
For one year from the date of purchase, this product is warranted against any defects in material or workmanship. This warranty is void if this product is ever used while providing commercial services or if rented to another person. Contact the Customer Service Team at 1-877-527-0313 or visit [www.homedepot.com](http://www.homedepot.com).

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### Pre-Operation

#### PACKAGE CONTENTS



Part	Description
A	External test probe (-)
B	Instrument test probe (+)
C	LEDs for voltage display
D	GFCl test button
E	Function selection switch

#### PRODUCT SPECIFICATIONS

Component	Specification
Environmental conditions	400V CAT III
Voltage LED steps	±12,24,50,120,230,400V
Altitude	Up to 2000 meters



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## Safety Information (continued)

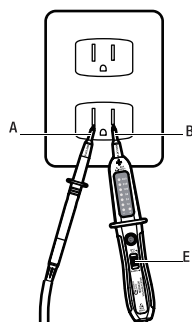
Response time	<0.1s
Accuracy	-30% to 0% of indication
AC frequency range	50/60Hz
Operation time	30 seconds maximum
Recovery time	10 minutes after maximum operation time has been reached
Relative humidity	80% maximum
Temperature range	-10°C - 55°C (14°F - 131°F)
Size	223 x 40 x 32 mm
Weight	98.5 grams

## Operation

### 1 Completing a AC/DC Voltage Measurement

- Put the function select switch (E) to audible.
- Touch the test probes (A and B) across the circuit being measured.
- The tester will turn on automatically if the voltage exceeds 12 volts.
- The LEDs will indicate the voltage.
- For AC voltage, the "+" and "-" LEDs will illuminate.
- For DC voltage, the "+" LED will illuminate if the instrument test probe (B) is touching the positive side of the circuit. The "-" LED will illuminate if the instrument test probe (B) is touching the negative side of the circuit.
- The buzzer will ring when the voltage is higher than about 50 volts.

**CAUTION:** Observe all safety precautions when working on live voltages.



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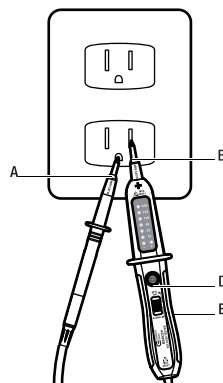
## Operation (continued)

### 2 Completing a GFCI Test

**CAUTION:** Observe all safety precautions when working on live voltages. The GFCI test function can only be used on 120 volt AC receptacles with GFCI protection.

**NOTE:** The tester cannot test GFCI operation on 2-wire (non-grounded) outlets.

- Check the instructions on the specific GFCI device you are testing before proceeding.
- Put the function select switch (E) to GFCI test.
- Press the test button on the GFCI receptacle. The GFCI should trip. If not, do not use the receptacle and consult a qualified electrician. If it does trip, press the reset button on the GFCI receptacle.
- Insert one test probe (B) into the hot side of the outlet being tested. Insert the other test probe (A) into the ground of the outlet being tested.
- The tester should indicate 120VAC if the outlet is powered and wired properly.
- Press the GFCI test button (D). The indicator lights should turn off indicating the GFCI has tripped.
- If the GFCI does not trip, either the receptacle is wired incorrectly or the GFCI is defective. Do not use the receptacle and consult a qualified electrician.



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## Care and Cleaning

- Periodically wipe the case with a damp cloth and mild detergent.
- Do not use abrasives or solvents.
- Keep the tester dry. If it gets wet, wipe it off.
- Use and store the tester in normal temperatures. Extreme temperatures can shorten the life of the electronic parts and distort plastic parts.
- Handle the tester gently and carefully. Dropping it can damage the electronic parts or the case.

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