

HIGH VOLTAGE DETECTOR



INSTRUCTION MANUAL

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1.CAUTION

This detector has been designed with your safety in mind. However, no design can completely protect against incorrect use.

Electrical circuits can be dangerous and/or lethal when lacking of caution or poor safety practices are used.

When working under high voltage systems, please wear insulated gloves and rubber shoes.

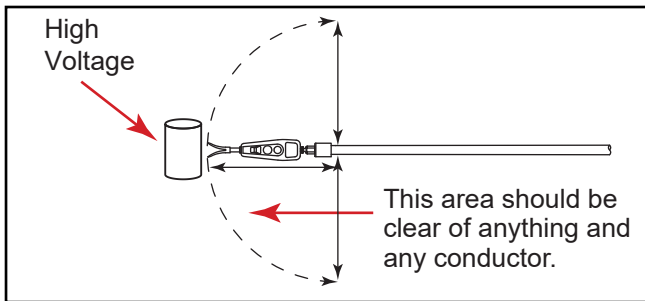
When working, don't touch any portion other than grip.



Caution, risk of electric shock.



Caution, refer to the user's manual.



The detector detects a high and extra high voltage in AC lines. An elongate insulation rod permits checking of high voltage circuits at safe distance for voltage. Also it is telescopic, compact, light-weight, easy to use and handle.

2.FEATURES

- Telescopic, compact, light-weight.

- Light weight, easy to use and handy.

- High-voltage detectable

The equipment, whether in stretched state is available for high voltage detection 6kV~36.5kV (+230 HD)/6kV~81.5kV(+290 HD)

- Easy to recognize indication

Intermittent lighting in red of a high intensity light emitting diode and intermittent audible sound of an electronic buzzer are readily recognizable at a full daylight or a noisy location.

- Water proof

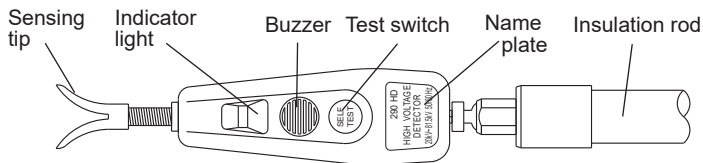
The detecting head, being tightly enclosed, is free from \ any trouble due to dust or water.

- Meets IEC 61243-1

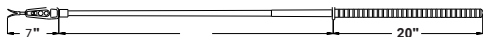
 - IEC 60068-2-6

 - IEC 60068-2-32

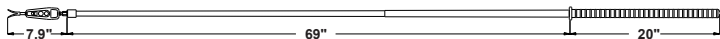
3.CONSTRUCTION



H230HD



H290HD



4. HOW TO USE

Voltage Detection before use

1. **Wear the insulation gloves and rubber shoes.**
2. Inspect the appearance and structure of the machine for dirty spots or damage.
3. Extend the Insulating rod to check for proper operation and check for cracks or loose parts.
4. Pushing down the Switch Button to initiate the SelfTest. Check the internal circuits for proper operation. As a precaution, operate with a known working circuit so you can make sure that the device functions properly.



5. For the sake of personal safety, do not operate in humid weather or rainy days.

Handling and safekeeping

1. Put the front metal in contact with the subject line to detect voltage, hold the grip portion and identify by sound and flashing red light.
2. When inspecting a high voltage line don't touch any portion other than the grip.

6.MAINTENANCE

Battery replacement

If lighting is dim or the sound is too low, or if the equipment does not operate, replace the battery.

1. Use a screwdriver to unscrew the screw on back cover then slide the cover, take out the batteries and replace with new batteries type(button-cell LR44 1.5V).
2. Place back cover and secure bay screws.

Usage and storage

1. Avoid placing heavy weights on the device.
Avoid dropping the device.
2. Please clean the device after use.
Wipe the device gently with soft cloth and mild detergent to avoid using volatile solvents.
3. Keep the surface of the machine clean and store the device in dry places.
Avoid exposing the device to direct sunlight.
Avoid placing the device in hot, dry, and enclosed indoor areas with insufficient ventilation.
4. Perform Insulation. Testing every six months to ensure the device is safe to use.
5. If the device is not going to be used for a long time, remove the batteries and store them separately.
6. This device is operated at high-voltage.
If it malfunctions, please send it to our company or an authorized dealer for repair. It is absolutely forbidden to dismantle the machine by yourself for repair.
Our company is not liable for any damage caused by repairing the machine by yourself.
You are responsible for any unfortunate consequence caused by the unauthorized repair.