Safety instructions

Warning

To avoid possible electric shock or personal injury:

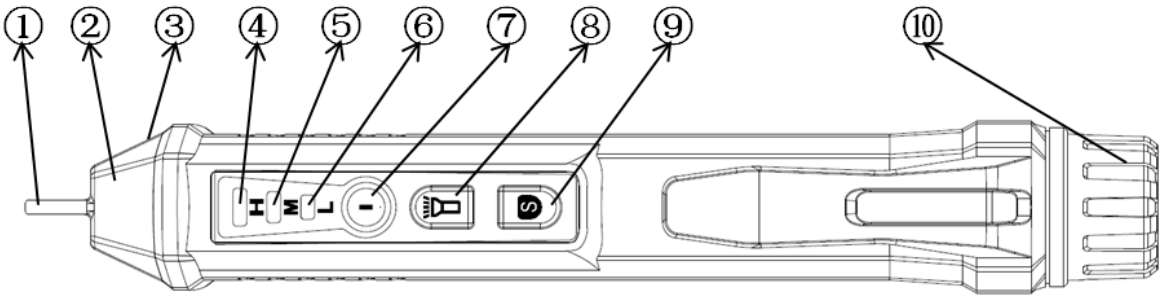
- Please use this tester strictly according to these instructions.
- Do not use if the power indicator is not on.
- Before use, test on a known power source to ensure that the product is in good working order.

When using this tester, there may still be voltage even if there is no sound or light alarm. The tester only indicates effective voltage when AC voltage produces an electrostatic field with sufficient strength. If the field strength is very low, the tester may not be able to detect it. The tester may be affected by the following factors, including, but not limited to:

Shielded wire / cable, Thickness and type of insulation, Distance from the voltage source, Complete insulation, Differences in socket design, etc.

- Do not use if the tester is damaged or the tester is not working properly. Before use, check that the probe is not cracked or broken. If in doubt, do not use.
- Do not use on voltages above 1000v.
- To test AC voltage above 30V, special care must be taken in case of electric shock.
- Comply with local and national safety regulations.
- Use proper protective equipment in accordance with local or national regulations.

Instrument description



1. Probe (NCV induction head)
2. Voltage indicator light
3. LED Light
4. High signal intensity indicator
5. Medium signal intensity indicator
6. Low signal intensity indicator
7. On/Off button
8. LED Light button/indicator
9. Sensitivity mode selector
10. Battery cover

Operation instructions

1. Turn on / off tester

Turn on-Press the on/off button (7). The button will illuminate when on.

Turn off-Press the on/off button (7). The light will go off.

2.Turn on / off LED Light

Turn on-Press the LED Light button/indicator button (8).

Turn off-Press the LED Light button/indicator button (8) again.

The LED light will turn off automatically after 5 minutes.

3. AC voltage detection

When the tester detects AC voltage, the voltage indicator light (2) flashes. Depending on the detected signal strength, the low, medium and/or high signal intensity indicator will illuminate. An audio alert is also triggered.

4.Neutral/live wire detection

Insert the probe into the socket. Neutral will generate a low or no signal and live will generate a strong signal.

5.Sensitivity Mode Selector

Tester default: AC voltage detection range: +- 48~1000V

Press the Sensitivity Mode Selector (9) which will illuminate the button when on. In this mode the tester's range is +- 12~1000V

6.Auto Power Off

The tester will switch off automatically after 5 minutes if no voltage signal is detected.

7.Low battery indication

When the battery voltage is lower than 2.6V, the power indicator flashes 3 times, and the buzzer beeps and shuts off automatically. Please replace batteries at this time to ensure safe oppeation.

Specifications

AC voltage detection range	+- 12 ~1000V (Sensitivity mode selector is lit)	+- 48 ~1000V (Sensitivity mode selector is off)
Frequency	50 Hz /60Hz	
Alarm mode	Sound and light alarm	
Torch	White LED illumination lamp	
Auto power off	√	
Low battery indication	√	
Neutral/live wire detection	According to the signal strength, strong signal is live wire	
NCV intensity	Selecting 3 types of sensitivity automatically (low, mid, high)	
NCV intensity indication mode	The instrument uses the alarm sound of differing frequencies and different color LEDs to indicate low, medium or high intensity	
Service temperature	0~40℃	
Storage temperature	-10~50℃	
Altitude	<2000m	
Security level	CE CAT.III 1000V /CAT.IV 600V	
Power	2×1.5V AAA batteries	
Size	156mm×20mm×20mm	
Weight	About 45g	

Battery replacement

As per the diagram at below

1.Rotate the battery cover anti-clockwise.

2.Take out used batteries.

3.Put new battery in as per battery anode and cathode indication. (+ end first)

Warning: To avoid electric shock, do not use this instrument before the battery cover is replaced.