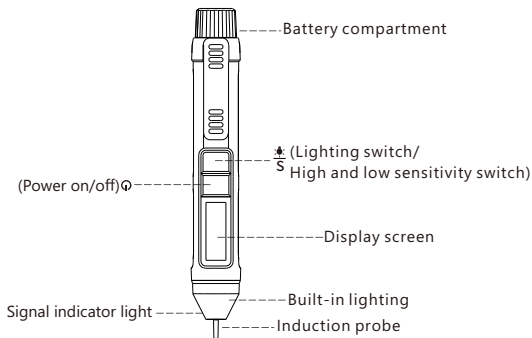




Safety Instructions

- Please use it under the conditions specified in the technical parameter table.
- Avoid moisture and water entering the instrument.
- Before use, please test on a known live power source to ensure that the product is in good working condition.
- Avoid switching between high and low sensitivity during detection.
- Even if there is no sound and light alarm, there may be voltage. Factors that may affect the detection of the instrument, including but not limited to shielded wires, insulation thickness and distance from the voltage source, etc.
- Do not apply a voltage exceeding the rated voltage calibrated by the instrument.
- When the detected voltage exceeds 36V, or the environment is humid, please be careful to avoid electric shock.

1. Power On and Off

Insert the battery according to the positive and negative poles (to avoid accidental electric shock, do not use it before screwing on the battery cover). Press and hold the "⏻" button to turn the instrument on; short-press the "⏻" button turn the instrument off.

Note: When the instrument is not used for a long time, please remove the battery in advance and place it properly.

2. Automatic Shut-down

When there is no key operation or no voltage signal is detected for about 5 minutes, the instrument will automatically shut down.

Note: Press and hold both the "⏻" button and the "⚡" button simultaneously while the instrument is off. The instrument will power on with

the auto power-off function disabled for this session, and the "⏻" icon in the upper left corner of the screen will disappear.

3. Lighting

Press and hold the "⚡" key, the instrument turns on or off the lighting.

Note: In the power-on state, when the instrument is turned off, the lighting lamp will turn off synchronously.

4. Sensitivity Switch

The tester defaults to low-sensitivity testing mode upon power-on. Briefly press the "⚡" key to switch between high and low sensitivity. In low-sensitivity mode, the display indicates a voltage range of 70V~1KV; In high-sensitivity mode, the display indicates a voltage range of 12V~1KV.

5. AC Voltage Detection

When the probe is brought near an AC voltage source, the signal indicator lights up and the backlight turns red. As the induced voltage signal strengthens, the analog bar on the display increases, the percentage value rises, and the buzzer alarm becomes more rapid.

Note: Generally, a red backlight indicates that the object under test is live.

6. Neutral/Fire Wire Discrimination Method

(1) For testing socket outlets: Insert the probe into the socket outlet. The neutral and live wires can be distinguished by the signal percentage detected. A higher percentage indicates the live wire; a lower percentage indicates the neutral wire.

(2) For testing electrical wires: First separate the wires as far apart as possible. Place the probe against the wire. The neutral and live wires can be distinguished by the signal percentage detected. A higher percentage indicates the live wire; a lower percentage indicates the neutral wire.

7. Battery Undervoltage Prompt

A "🔋" icon will appear on the display when the battery voltage is low. The tester will automatically power off when the battery voltage drops below 2.3V. Please replace the battery promptly when the low battery indicator appears.

8. Technical Parameters

AC voltage range	About 12~1000V (High sensitivity) About 70~1000V (Low sensitivity)
Frequency	50Hz/60Hz
Alarm method	Sound and light alarm
NCV sensitivity	2 types (High, Low)
Operating temperature	0~40°C
Stored temperature	-10~50°C
Altitude	<2000m
Security level	CE; CAT.III 1000V; CAT.IV 600V
Power	2 pcs 1.5V AAA dry cell batteries
Dimensions	160*24*29mm
Material	ABS
Weight	About 41g (Exclude battery)