

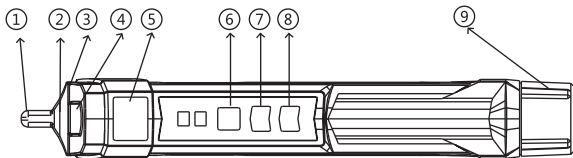
Safety information

Warning

To avoid possible electric shock or physical injury:

- Please use this test pen strictly according to the manual, otherwise the protection function provided by the tester may be affected.
- If the power indicating light is not on, do not use it.
- Before use, test it on a known live power supply to ensure that the product is in good working condition.
- When using this tester, even if there is no sound or light alarm, there may still be voltage. The tester only indicates the effective voltage when there is enough electrostatic field generated by AC voltage. If the electric field is low, the tester may not detect it. The tester may be affected by the following factors, including but not limited to:
 - If the tester is damaged, or cannot work normally, do not use it. Before use, check whether the probe is cracked or broken. For any doubt, please send the tester for repair in time.
 - Do not apply the rated voltage more than the number marked on the tester.
- When testing the voltage above 36V AC, care should be taken to prevent the danger of electric shock.
- Comply with local and national safety regulations.
- Use appropriate protective equipment according to the regulations of local or national authorities.

Panel description:



- ①Probe (NCV sensor head) ② Flashlight ③ Induced voltage indicating light
④Power light (red), Voltage switching indicating light(orange),Wall detection indicating light(green)
⑤Signal strength indicating light-High (red) Medium(green) Low(green light flashing)
⑥Power key ⑦ Flashlight key ⑧Signal strength key ⑨Battery cover

Operating instructions:

1.Power on and off

Power on: Press the () key, and the power light is on. Power off: Press the () key again, and the power light is off.

2.Turn on/off the flashlight

Turn on the flashlight: press the () key to turn on the flashlight.Turn off the flashlight: press the () key again to turn off the flashlight.If the flashlight is not turned off, it will automatically turn off after about 5 minutes.

3.AC voltage detection

Insert the test pen into the socket or place it close to the wire, if the green light flashes ,the detection voltage is low;if the green light stays on, and the detection voltage is medium; the red light is always on, and the detection voltage is high.And the buzzer alarms at different speeds. Plug the stylus into a socket or near a wire and if the green light is flashing, the detection voltage is low;

If the green light stays on, the detection voltage is medium; If the red light stays on, the detection voltage is high. At the same time the buzzer will sound a fast or slow alarm.

4.Zero/ Fire wire test

Place the test pen near the wire or insert it into the socket,the one with high detection induction signal is fire wire,while the one with low or no signal is zero wire.

5. Selection of voltage detection range

Default voltage range: (red light)on, about 48~1000V.

Press the signal key(), (orange light)on. The voltage range of the test pen is about 12~1000V. Press the signal key()again, (red light)on, about 48~1000 V.

6. Selection of partition line

Press the signal key() for about two seconds, (green light)on , and enters the partition line. At this time, every short press of the signal key () can adjust the induction signal to weaken.

7Automatic shutdown

When the test pen is not operated for about 5 minutes and detect no voltage signal, it will automatically shut down.

8. Low battery voltage

When the battery voltage is lower than about 2.7V, the power light flashes for 3 times, and the buzzer sounds to automatically shut down.Please replace the battery in time.

Technical specifications:

Range of AC voltage	About 48~1000V (the default light is red on duriung power on)	About 12 ~1000V (the orange light is on if press the signal key shortly)
Frequency	50 Hz/60Hz	
Alarm method	Sound-lightg alarm	
Flashlight	White LED lighting lamp	
Automatic shutdown	√	
Low battery voltage	√	
Zero /Fire wire test	Tested from the signal strength, the fire wire has strong signal.	
NCV sensitivity	Automatically select 3 sensitivities (high, medium and low)	
Sensitive display mode of NCV	The test pencil shows different sensitivities through different alarm sounds and LED of different colors:high (red), medium (green all the time) and low (green flashing)	
Use temprature	0~40 °C	
Storage temprature	-10-50°C	
Altitude	< 2000m	
Safety class	CE CAT.III 1000V /CAT.IV 600V	
Power supply	2 *1.5v AAA battery	
Product size	156mm x 20mm x 20mm	
Product weight	About 45g	

Battery replacement:

Please refer to the following :

1. Rotate the battery cover as shown in the figure.
2. Take out the old battery
3. Put the new battery according to the positive and negative indication of the battery.

