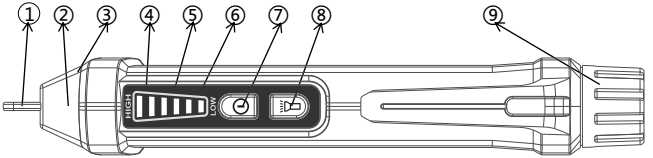
Safety instructions

Warning

To avoid possible electric shock or personal injury：

- Please use this tester strictly according to this instruction, otherwise, the protection function provided by tester may be affected。
- Do not use if the power indicator is not on。
- Before use, test on the known power to ensure that the product is good。
- When using this tester, there may still be voltage even if there is no sound or light alarm. The tester only indicates the effective voltage when the 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 insulating、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 cracked or broken. If in doubt, please timely repair tester。
- Please do not apply the rated voltage above the mark on the tester。
- 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 Induction voltage indicator light
③ Torch lamp
④ High signal intensity indicator
⑤ Medium signal intensity indicator
⑥ Low signal intensity indicator
⑦ The power key, with power indicator
⑧ Torch key
⑨ The battery cover

Operation instructions

1. Turn on / off tester
   Turn on：Press the power key greater than 1 second, the power indicator light is lit。
   Turn off：Press the power key, power indicator lights off。
2. Turn on / off torch
   Turn on：Press the torch key to turn on the torch。
   Turn off：Press the torch key, the torch turn off。
   If the torch doesn't turn off, it will turn off automatically in about 5 minutes。

3. AC voltage detection
   The probe tester inserted into the power socket or close to the live wire，When the tester detects the AC voltage signal, the induction voltage signal lamp flashes，According to the detected signal strength, the tester can illuminate the corresponding signal intensity indicator (high, middle, low)，At the same time, the buzzer sends out different alarm sounds。When the AC voltage signal is sensed, Low signal intensity indicator is lit；When sensing a higher AC voltage signal，Light up the signal intensity indicator (middle, low) at the same time；When the highest AC voltage signal is sensed, the signal intensity indicator (high, middle, low) is also lit。
4. Zero/live wire judgment。
   Try to separate the two wires to be detected as far as possible，Then close the wire with the probe of the tester，If it is a socket, insert the probe into the socket，One of the strong signals detected by a tester is live wire，a weak or no inductive signal is zero wire。
5. Auto Power Off
   When the tester does not operate for about 5 minutes and the voltage signal is not detected, the tester will turn off automatically。
6. Low battery indication
   When the battery voltage is lower than about 2.6V, the power indicator flashes 3 times, and the buzzer beeps and shuts off automatically. Please replace the battery in time。

Specifications

AC voltage range	About 12 ~1000V
Frequency	50 Hz /60Hz
Alarm mode	Sound and light alarm
Torch	White LED illumination lamp
Auto power off	√
Low battery indication	√
Zero/live wire judgment	According to the signal strength, strong signal is live wire
NCV intensity	Selecting 3 types of sensitivity automatically (low, mid, high)
NCV intensity indication	The instrument uses the alarm sound of different frequency and LED lamp of different color to indicate low, moderate or high sensitivity
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 below：

1. Rotate the battery cover
2. Take out the used battery
3. Put new battery in as per battery anode and cathode indication。

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

Battery rotation direction as indicated