

Safety Notices

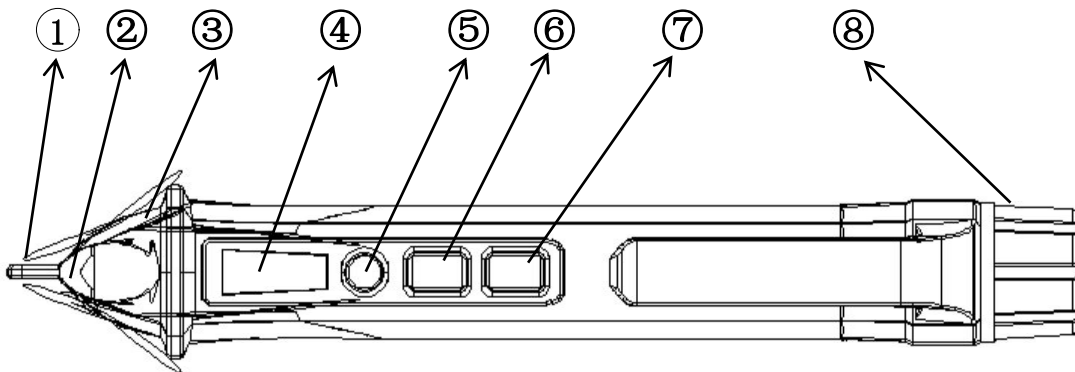


Warning

In order to avoid possible electric shock or human injury:

- Please use this tester strictly according to this manual, otherwise the protection function provided by the tester may be affected.
- If the power indicator is not on, please do not use.
- Before use, test on the electrified power supply, to guarantee the product under sound working condition.
- Before using this tester, even there's no sound or light alarm, voltage may still exist. The tester only indicates the valid voltage when there's AC voltage generating electrostatic field with sufficient intensity. If the electric field intensity is very low, the tester may not detect. The tester may be affected by the following factors, and these factors include but not limited to:
Shielded wires/cables, insulation layer thickness and type, distance from voltage source, complete insulation layer, socket design difference etc.
- If the tester is damaged, or the tester cannot work normally, please do not use. Before use, specially check whether the probe is cracking or broken. If you suspect there's a problem, please send the tester for repair timely.
- Please do not apply voltage exceeding rated voltage indicated on the tester.
- When testing voltage above AC 36V, be very careful, to avoid electric shock.
- Please comply with local and national safety codes.
- Use proper protective equipment according to regulations of local or national authorities.

Panel Description



- ① Probe (NCV inductive head)
- ② Flashlight
- ③ Induced voltage signal indicator
- ④ Signal intensity indicator - High (red light lighted up), medium (green light lighted up) and low (flashing green light)
- ⑤ Power on/off button, with power indicator
- ⑥ Flashlight on/off button
- ⑦ AC voltage detection range switching button (S) with detecting range indicator
- ⑧ Battery cover

Operation Instructions

1. Turn on/off tester
Turn on tester: Press the power on/off button, tester self-check, flashlight, induced voltage signal indicator, signal intensity indicator (high, medium and low), and button indicator flashes once at the same time, and the power indicator is normally on.
Turn off tester: When the tester is on, press the power on/off button, the power indicator turns off.
2. Turn on/off flashlight
Turn on the flashlight: When the tester is on, press the flashlight on/off button, to turn on the flashlight.
Turn off the flashlight: When the flashlight is on, press the flashlight on/off button, to turn off the flashlight.
If the flashlight is not off, it will turn off automatically after about 5 minutes.
3. AC voltage detection
Insert the probe of the tester into power socket or get close to the live wire, when the tester detects AC voltage signal, the induced voltage signal indicator flashes, and the tester lights up corresponding signal intensity indicator (high, medium and low), according to the detected signal intensity, meanwhile the buzzer makes alarming sounds of different frequencies. When AC voltage signal is detected, the green signal intensity indicator (low) is flashing; when higher AC voltage signal is detected, the green signal intensity indicator (medium) is lighted up; when the highest AC voltage signal is detected, the red signal intensity indicator (high) is lighted up.
4. Neutral line/live wire judgment.
Separate two wires to be tested as far as possible, and then use the probe of the tester to get close to the wires, for socket, insert the probe into the socket, and the one with strong induced signal detected by the tester is live wire, while the one with weak induced signal or without induced signal is neutral line.
5. AC voltage detection range selection
The starting default AC voltage detection range of the tester: About 48~1000V.
Press the AC voltage detection range switching button (S), the detection range indicator lights up, and the detectable voltage range of the tester is about 12~1000V.
Press the AC voltage detection range switching button (S) again, the detection range indicator lights off, and the detectable voltage range of the tester is about 48~1000V.
6. Automatic shutdown function
When there's no operation of the tester and there's no voltage signal detected by the tester within 5 minutes, the tester will power off automatically.
7. Battery undervoltage indication
When the battery voltage is lower than about 2.6V, the power indicator flashes for 3 times, while the buzzer makes a sound and then turns off. Please replace the battery timely.

Technical Specifications

AC voltage range:	About 12 ~1000V (button S indicator is on)	About 48 ~1000V (button S indicator is off)
Frequency	50 Hz /60Hz	
Warning method	Audible and visual alarm	
Flashlight	White LED floodlight	
Automatic shutdown	√	
Battery undervoltage indication	√	
Neutral line/live wire judgment	Judge according to signal intensity, and the one with strong signal is live wire.	
NCV sensitivity	Select 3 sensitivities automatically (high, medium and low)	
NCV sensitivity indication	The tester indicates different sensitivities of high (red light lighted up), medium	

method	(green light lighted up) and low (green light flashing) via alarm sounds of different frequencies and LEDs of different colors.
Use temperature	0~40 degrees
Storage temperature	-10~50 degrees
Altitude	<2000m
Security level	CE CAT.III 1000V /CAT.IV 600V
Power supply	2×1.5V AAA battery
Product size	156mm×20mm×20mm
Product Weight	About 45g

Battery Replacement:

According to the following figure:

1. Rotate the battery cover as shown in the figure
2. Take out the old battery
3. Install the new battery according to battery polarity indication.

Warning: In order to avoid electric shock, do not use before the battery cover is fastened in the original place.

