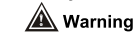


1. Safety instructions

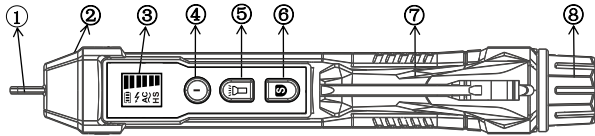


Warning

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.
- The screwdriver is forbidden to be used for electrified objects.

2. Instrument description



- ① Probe (NCV induction head) ⑤ Torch key
② Torch lamp ⑥ AC voltage detection range switching key with indicator light
③ LCD display ⑦ Screwdriver
④ The power key, with power indicator ⑧ The battery cover

- (1) strong voltage (2) Medium voltage
(3) Weak voltage (4) Battery Low voltage
(5) high voltage (6) AC symbol
(7) high sensitivity

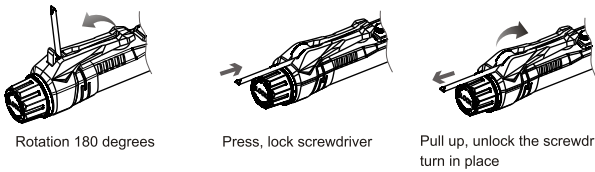
LCD has two kinds of backlight colors: "white" and "red".
(White means no AC signal is sensed, red means AC signal is sensed)

3. 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
When use this product, probe tester should insert into the power socket or close to the live wire. When the tester detects AC voltage signal, LCD backlight will changes from white to red, and LCD screen will flash according to the voltage signal. At the same time, the buzzer sends out sounds in different frequency. When a weak AC signal is sensed, the LCD screen displays "■■" in two cells; when a strong AC signal is sensed, the LCD screen displays "■■■■" in four cells; when a very strong AC signal is sensed, the LCD screen displays "■■■■■■" in six cells.

1

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. Selection of AC voltage detection range
The default AC voltage detection range: about 48~1000V.
To change the voltage range to about 12~1000V. Press sensitivity bottom "Ⓜ", LCD display "HS". To switch it back, press sensitivity bottom "Ⓜ" again, "HS" disappears on LCD, the tester detect voltage range 48~1000V.
When the tester detects AC voltage signal exceeds about 36V, the LCD displays "⚡"
6. 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.
7. Low battery indication
When the battery voltage is lower than about 2.7V, LCD display "■■■■" flashing. Please replace the battery in time. When the voltage is lower than about 2.6V, it will shut down automatically.
8. Screwdriver
Before use,the screwdriver should be rotated 180 degrees upward,pressed down, and lock the screwdriver.After employed,the screwdriver should be pulled up to unlock the screwdriver and rotated back to its original position.



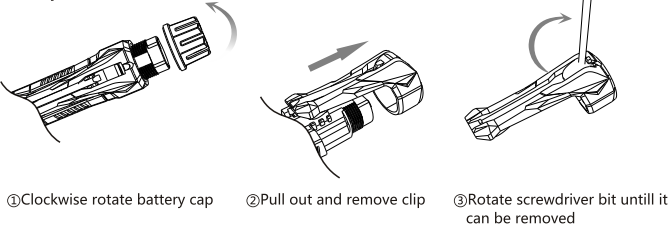
4. Battery replacement

As per the diagram below:

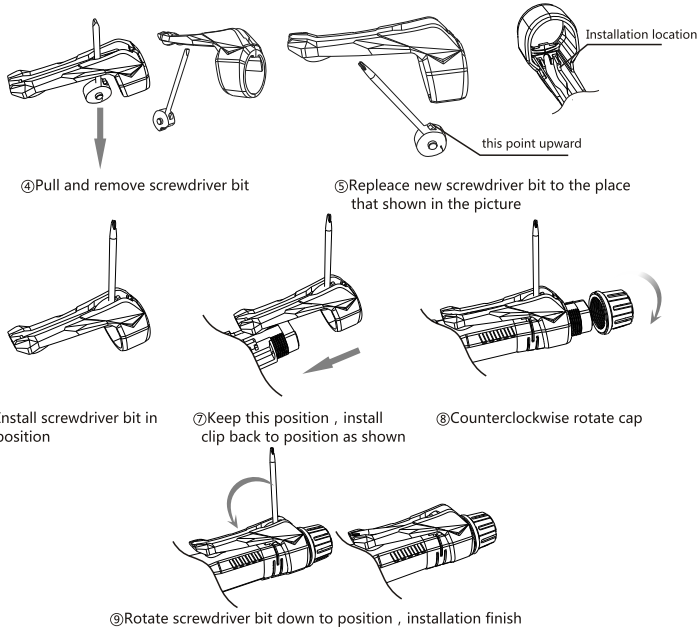
1. Rotate the battery cover
2. Take out the used battery
3. Insert new batteries follow battery anode and cathode indication.

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

5. Replace screwdriver bit



2



6. Specifications

AC voltage detection range	About 12 ~1000V (Acousto-optic prompt)	About 48~1000V (Acousto-optic prompt)
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 mode	To indicate weak, median, or strong voltage signal, the instrument uses different symble on screen and buzzer frequency.	
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	About45g	

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说明书折页后尺寸：105*148mm展开315*148mm