

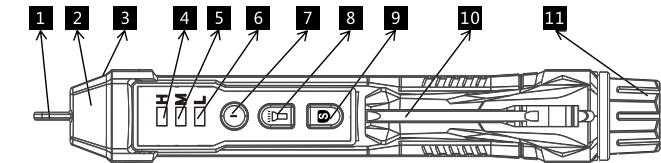
1.安全须知

警告

为避免可能发生的触电或人身伤害：

- 请严格按本说明书来使用本测试仪，否则测试仪提供的保护功能可能会受到影响。
- 如果电源指示灯未点亮，请勿使用。
- 使用前，在已知带电的电源上进行测试，以确保产品处于良好的工作状态。
- 在使用本测试仪时，即使没有声或光报警，仍然可能会有电压存在。测试仪只是指示了在有交流电压产生足够强度静电场时的有效电压。如果场强很低，则测试仪可能检测不到。测试仪可能会受以下因素的影响，这些因素包括但是不限于：
- 屏蔽的电线/电缆、绝缘层的厚度和类型、离电压源的距离、完全绝缘层、插座设计的差异等。
- 如果测试仪已经损坏，或测试仪无法正常工作，请勿使用。使用前，要特别检查探针是否开裂或者断裂。如怀疑有问题，请及时将测试仪送修。
- 请勿施加超过测试仪上标记的额定电压。
- 测试交流30V以上的电压，要特别小心，以防触电危险。
- 遵守当地和国家的安全规范。
- 依照当地或国家主管当局的规定使用适当的保护设备。
- 螺丝刀不能用于带电物体。

2.面板说明



- ① 探针 (NCV/感应头)

② 感应电压信号指示灯

③ 手电筒照明灯

④ 信号强度高指示灯

⑤ 信号强度中指示灯

⑥ 信号强度低指示灯
- ⑦ 电源开关键，带电源指示灯

⑧ 手电筒开关键

⑨ 交流电压探测范围切换开关键，带探测范围指示灯

⑩ 螺丝刀

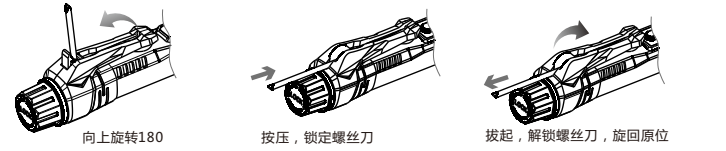
⑪ 电池盖

3.操作说明

1. 开启/关闭测试仪
开启测试仪：按下电源开关键大于1秒，电源指示灯点亮。
关闭测试仪：在测试仪开启状态下，按下电源开关键，电源指示灯熄灭。
2. 开启/关闭手电筒
开启手电筒：按下手电筒开关键，开启手电筒。
关闭手电筒：在手电筒开启状态下，按下手电筒开关键，熄灭手电筒。
如果手电筒未关，约5分钟后会自动熄灭。
3. 交流电压探测
把测试仪的探针插入电源插座或靠近带电导线，当测试仪探测到交流电压信号时，感应电压信号指示灯闪

烁，测试仪依据探测到的信号强度，点亮相应信号强度指示灯（高、中、低），同时蜂鸣器发出不同的报警声。当感应到交流电压信号时点亮信号强度指示灯（低）；当感应到较高交流电压信号时，同时点亮信号强度指示灯（中、低）；感应到最高交流电压信号时，同时点亮信号强度指示灯（高、中、低）。

4. 零线/火线判別
把待检测的两根导线尽可能的分开，然后用测试仪的探针分别贴近导线，如果是插座则将探针插入插孔中，测试仪探测感应信号强的一根是火线，感应信号弱的或无感应信号的是零线。
5. 交流电压探测范围选择
测试仪开机默认交流电压探测范围：约48~1000V。
轻按一下交流电压探测范围切换开关键，探测范围指示灯点亮，测试仪可探测电压范围约在12~1000V。
再轻按一下交流电压探测范围切换开关键，探测范围指示灯熄灭，测试仪可探测电压范围约在48~1000V。
6. 自动关机功能
测试仪约5分钟内没有操作且没有探测到电压信号时，测试仪会自动关机。
7. 电池欠压指示
当电池电压低于约2.6V时，电源指示灯闪烁3次，蜂鸣器鸣叫一声自动关机。请及时更换电池。
8. 螺丝刀功能
把螺丝向上旋转180°。用力想下按压锁定螺丝刀。使用完毕用力向上拔解锁螺丝刀，旋转回初始位置。



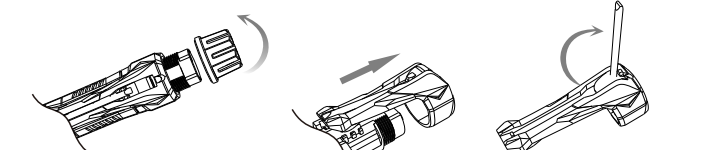
4.电池更换

按下图：

1. 如图所示旋转电池盖
2. 取出旧电池
3. 按电池正负指示装入新电池。

警告：为避免电击，电池盖在原位扣好前不要使用。

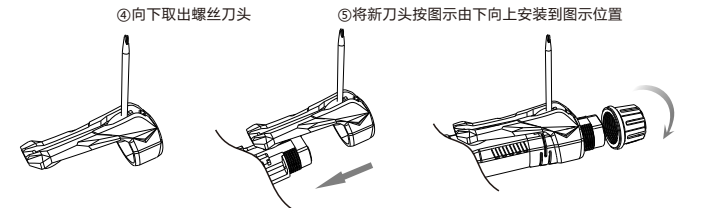
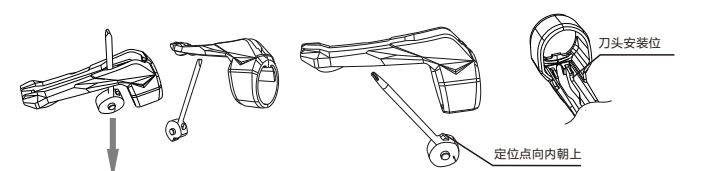
5.螺丝刀头更换



- ①顺时针旋转取下电池盖

②向上拔出笔头盖

③将螺丝刀头旋转到适当的位置



- ⑥螺丝刀头安装就位

⑦保持刀头向上把笔头盖推回原位

⑧逆时针旋转安装电池盖

⑨将螺丝刀头旋转至原位

6.技术规格

交流电压范围：	约12~1000V(探测范围内指示灯亮)	约48~1000V(探测范围内指示灯亮)
频率	50Hz / 60Hz	
报警方式	声光报警	
手电筒	白色 LED 照明灯	
自动关机	√	
电池欠压指示	√	
零线/火线判断	根据信号强度来判断，信号强的是火线	
NCV灵敏度	自动选择 3 种灵敏度（高、中、低）	
NCV灵敏度指示方式	测试仪通过频率不同的报警声及不同颜色 LED 表示高、中、低不同的灵敏度	
使用温度	0~40 ℃	
存储温度	-10~50 ℃	
海拔高度	<2000m	
安全等级	CE CAT.III 1000V /CAT.IV 600V	
电源	2×1.5V AAA 电池	
产品尺寸	156mm×20mm×20mm	
产品 重量	约45g	

正面

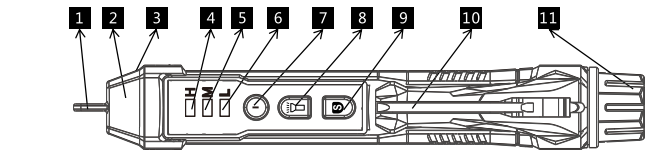
1. Safety instructions

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)

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 AC voltage detection range switching key with indicator light

⑩ Screwdriver

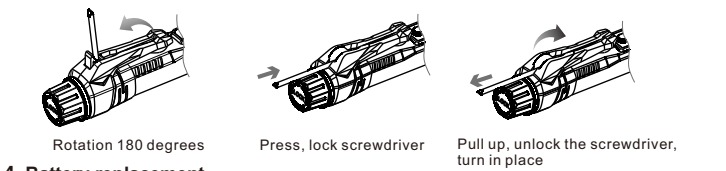
⑪ The battery cover

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
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. Zero/live wire judgment

4. 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
Tester boot default AC voltage detection range: about 48~1000V.
Press the AC voltage detection range to switch the key , The range indicator light is lit , The tester can detect voltage range of about 12~1000V.
Then press the AC voltage detection range switch key, the detection range indicator lights off, the tester can detect voltage range of about 48~1000V.
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 2.6V, the power indicator flashes 3 times, and the buzzer beeps and shuts off automatically. Please replace the battery in time.
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.



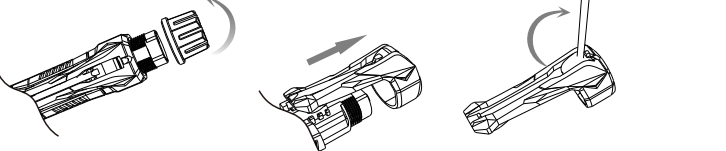
4. Battery replacement

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.

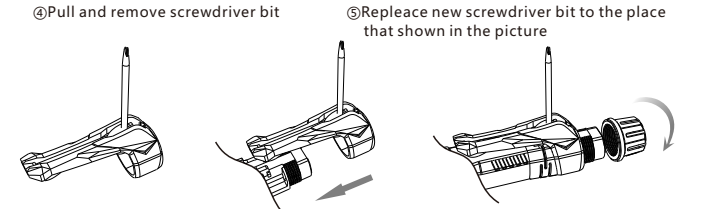
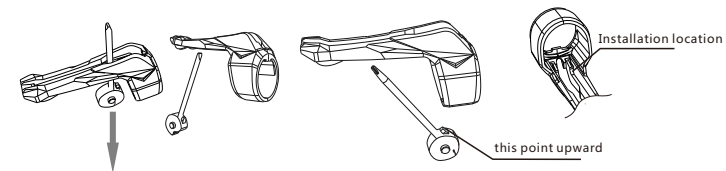
5. Replace screwdriver bit



- ①Clockwise rotate battery cap

②Pull out and remove clip

③Rotate screwdriver bit untill it can be removed



- ④Pull and remove screwdriver bit

⑤Replace new screwdriver bit to the place that shown in the picture

⑥Install screwdriver bit in position

⑦Keep this position , install clip back to position as shown

⑧Counterclockwise rotate cap

⑨Rotate screwdriver bit down to position , installation finish

6. Specifications

AC voltage detection range	About 12 ~1000V (The range indicator light is lit)	About 48~1000V (The range indicator light is lit)
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	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	About45g	

说明书折页后尺寸：105*148mm展开315*148mm