

3. Operation

- ON/OFF detector

A. ON: press the power switch, the indicator light is bright, test detector will be self-checking, flashlight, expanding induced voltage signal light sensitivity, flickering lights, etc. Once a buzzer sound.

B. OFF: press the power switch again under the power on module.

- ON/OFF the flashlight

A. ON: press the flashlight button once time under the power on module.

B. OFF: press the flashlight button once time under the on module of flashlight.

- AC voltage detection

During the ON status of tester detector, insert the test pin into power socket or near the live conductor, the Indicator light will be flashing along with different buzzer warning.

The different indicator light compare with different current intensity as below:

Current intensity	Indicator light
LOW	Green on
MIDDLE	Yellow on
HIGH	Red on

- How to judge the N/L of electrical wires

Put the test detector near the separated electrical wires, or insert the detector into the power socket, according to different test objection, the indicated signal of N will be zero or lower or no , and the indicated signal of L will be higher.

- AC voltage detection Range

A. During the on status of test detector, the default detect voltage range is 48-1000V

B. Press S (open sensitivity extension function), the detect voltage range will be 12-1000V;

C. Press S again, The sensitivity extension function will be closed.

- Auto power-off

A. When detect no any voltage signal during 5 min, or no any operation on test detector, it will be power off.

B. During the flashlight working on, this test detector will be power-off around 3 min, although it detects any voltage signal or not.

- Low Battery power

When the battery power lower than 2.6V, the indicate light of power switch will be flash 3 times, and buzzle warning once time, then power OFF; warning to change the battery.

4. Change the battery

- Take off the battery cover.

- Take out the battery.

- Put 2 pcs new battery into the battery holder according to the correct +/- direction.

5. Technical Specification

Prompting Mode	Sound and light
Ac Voltage Detection	Around 12-1000V[Open S function]
Range	Around 48-1000V[Close S function]
Frequency	50HZ/60HZ
Safety Level	CE CAT 111 1000V/CAT 1V 600V
Power	2x1.5V AAA battery
Flashlight	White lightF5LED floodlight
Auto Power-Off	✓
Low Power Battery	✓
Usage Temperature	0°C - 40°C
Storage Temperature	-10°C - 50°C
Judge The N/L	Refer the above clause 4
Ncv Range	Auto choose low, middle, high degree
Signal Intensity/ Warning Mode	Refer the above clause 3.3
Dimension	162×23×27mm
Weight	About 48g (cover battery 14g)

高精度非接触式测电笔

High-Precision Noncontact Voltage Detector

62702A



使用说明书 \ User's Manual

中文 EN



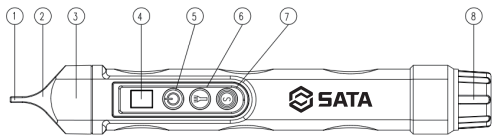
为能正确使用本测电笔，请详细阅读说明书

一、安全须知

- 严格按照说明书使用本测电笔；
- 如发现测电笔有损伤现象，请勿使用，以免出现危险或误测；
- 按电源开关键，指示灯未亮，请勿使用；检查电池是否倒置〔正确安装方法是电池正极向前〕，或电池是否有电或送修；
- 使用前，请在已知的带电的电源上进行测试，以确认测电笔功能正常；
- 本测电笔能在有足够强度感应电场存在的情况下，用非接触方式检测，声光同步提示。如果场强很弱，感应电压就低，则测电笔可能检测不到电压的存在。感应电压的存在或强弱，可能会受到多种因素的影响，如屏蔽的电压源，绝缘层的厚度，绝缘性能的优劣，亦或是完全绝缘，与电压源之间的距离，电压源电压的高低等等。
- 严禁拆卸绝缘罩对电压源进行接触式测试，以免产生人身伤害事故或损伤测电笔。

二、面板说明

- ① 探针（NCV 感应头）；
- ② 手电筒；
- ③ 感应电压信号指示灯；
- ④ 信号强度指示灯 --- 高（红），中（黄），低（绿）；
- ⑤ 电源开关键，带电源指示灯；
- ⑥ 手电筒开关键；
- ⑦ 交流电压探测范围切换开关键（灵敏度扩展），〔S〕带探测范围指示灯；
- ⑧ 电池盖。



三、操作说明

- 开启 / 关闭测电笔

A：开启测电笔：按下电源开关键，电源指示灯点亮，测电笔自检一次，手电筒、感应电压信号指示灯灵敏度扩展，指示灯等闪烁一次。蜂鸣器发声一次。

B：关闭测电笔：在开启状态下，按一下电源开关键，关闭测电笔。

- 开启 / 关闭手电筒

A、开启手电筒：在测电笔电源开启状态下，按下手电筒开关键，开启手电筒。

B、关闭手电筒：在手电筒开启状态下，按一下手电筒开关键，关闭手电筒。

- 交流电压探测

在测电笔开启状态下，将探针插入电源插座或靠近带电导线或其他带电体，感应电压信号指示灯闪烁，测电笔依据探测到的信号强度，点亮相应的信号强度指示灯（低、中、高），同时蜂鸣器发出不同频率的提示音响，感应电压信号指示灯与蜂鸣器同步闪烁。当感应到较低电压信号时，〔低〕绿色信号强度指示灯亮；当感应到稍高电压信号时，〔中〕黄色信号强度指示灯点亮；当感应到较高电压信号时，〔高〕红色信号强度指示灯点亮。

- 零线 / 火线判别

把待检测的两根导线分开，然后用测电笔探针靠近待测导线，如果探测插座时，则将探针插入插孔中，根据环境的不同，零线无感应信号或信号相对较弱。火线感应信号相对较强。

- 交流电压探测范围

A：测电笔开机时，默认交流电压探测范围约 48-1000V，

B：按一下“S”键，灵敏度扩展功能开启，“S”键指示灯点亮，测电笔电压探测范围扩展至约 12-1000V。

C：按一下“S”键，“S”键指示灯灭，灵敏度扩展功能关闭。

- 自动关机功能

A：测电笔在五分钟内没有检测到电压信号，且没有任何操作，测电笔会自动关机。

B：手电筒开启后，一直未关闭，无论测电笔与否探测到电压信号，约 3 分钟后，自动关闭。

- 电池欠压提示

当电池电压低于约 2.6V 时，电源指示灯闪烁 3 次，蜂鸣器响一次，自动关机时，提醒需更换电池。

四、电池更换

- 取下电池盖。
- 取出旧电池。
- 按电池正负极指示装入二节新电池。

Instruction Manual of voltage detector

1. Safety instructions

- Use the voltage detector according with the instruction strictly.
- Stop use the voltage detector immediately when found any damage to avoid any danger.
- Stop use when press the power on and the indicator light is not bright. Check whether the battery whether put inverted. Follow the +/- direction to install the battery. check whether the battery is charged.
- Test on a known live power to confirm that the detector functions is normal before use.
- This detector use the non-contact way to detect the voltage, it has enough presence of induced electric field intensity, with sound and light prompting. If field strength is very weak, the detect voltage maybe no signal. When detector detect the presence of voltage is weak or strong, it may be influenced by many factors, such as blocking voltage source, the thickness of the insulation, or the completely covered insulation, or the distance between the voltage source, high and low voltage source and so on.
- It is forbidden to remove the insulation cover on test objection to contact voltage source, avoid any danger to person or test detector.

2. Display/Operation panel

- ① Test pin (NCV detector)
- ② Flashlight
- ③ Indicator light to detection voltage;
- ④ Signal strength indicator - high (red), middle(yellow), low (green);
- ⑤ ON/OFF Power switch with indicator light;
- ⑥ ON/OFF to flashlight ;
- ⑦ ON/OFF button of AC voltage detection range (sensitivity extension), [s] indicator light with voltage range
- ⑧ Battery cover

