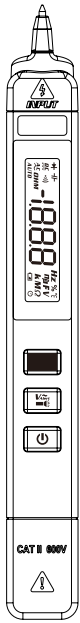


智能测电笔



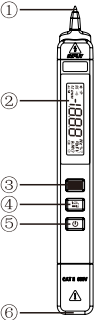
注意事项

- 使用前应检查仪表和附件，谨防任何损坏或不正常的现象。如发现本仪表壳体已明显损坏以及液晶显示器无显示等，或者您认为本仪表已无法正常工作，请勿再使用本仪表。
- 在测量时，遵循使用操作说明。
- 请勿随意打开仪表，以及更改内部接线，以免损坏仪表。
- 当液晶显示器显示“**CA**”符号，应充更换电池后再使用。
- 不要在高温、高湿和强电磁环境中存放或者使用仪表。
- 如果产品已经损坏，或者无法正常工作，请勿使用。如怀疑有问题，请及时送修。
- 在使用测电笔时，即使无显示或无声音报警，仍然可能会有电压存在。
- 测试交流36伏以上的电压时，要格外小心，因为这样的电压有发生触电的危险。
- 维护保养请使用软布及中性清洁剂清洁仪表外壳，切勿使用研磨剂及溶剂，以防外壳被腐蚀，损坏仪表。

产品描述

1. 产品外观描述

- 测试笔尖
- 显示屏
- 交流电压测量按键
- 功能切换/背光及手电开关按键
- 开关机按键
- 电池安装口



1

2、开关与按键说明

- 电源按键：**
长按1秒：开机/关机。
开机后短按：取消自动关机功能。
- 功能切换/背光及手电开关按键：**
短按：交流电压测量、非接触电压感应、火线判别切换。
长按1秒：背光及手电开/关。
- 交流电压测量按键：**
交流电压测量时，需要按住此键不放来获得准确测量结果。

3、LCD符号说明

符号	说 明
	自动关机标识
	低电量提示
	交流电压测试模式
	电压单位：伏特
	非接触电压感应模式
	火线判别模式



规格

概述

- 显示：LCD显示屏。
- 电池欠压指示：LCD显示**CA**符号。
- 采样速率：0.5秒。
- 报警方式：模拟条、背光灯及蜂鸣。
- 自动关机时间：约5分钟。
- 工作温湿度：0~40℃，0~90%RH。
- 存储温湿度：-20~60℃，0~75%RH。
- 供电：1.5V AAA x 2。
- 工作高度：最大2000米。
- 尺寸：22*22.5*188 mm。
- 重量：50g(不含电池)。

技术指标

交流电压：

量 程	分辨率	准确度
12~300V	1V	±5.0%

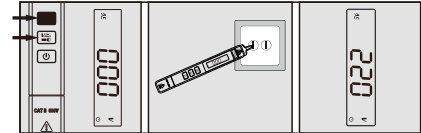
其他：

功 能	说 明
电压感应	无信号时屏幕显示“ NCU ”，有信号时，屏幕显示“-” 根据感应到的信号强度，蜂鸣器发出不同频率报警，并且中低档信号强度时绿色背光闪烁，高信号强度时红色背光闪烁。
LIVE	识别到火线时，背光变红色并发出报警声音，零线测试无反应。
自动关机	约5分钟无信号输入，仪表自动关机。

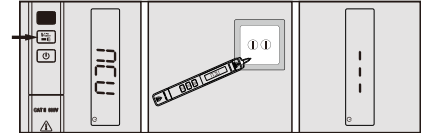
操作说明

交流电测量

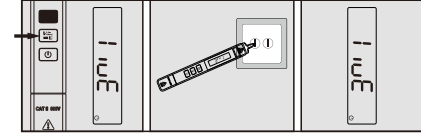
首先按 **V_{AC}** 键选择交流电压测试模式，将笔尖与被测物体接触，然后用手按住黑色按键不放，屏幕所显示数值即被测物体电压值。



非接触电压感应



火线判断



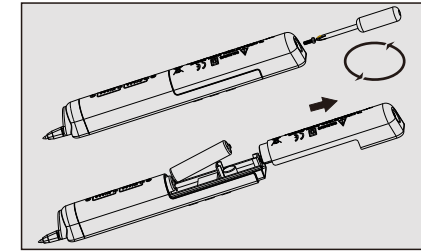
保养与维护

1. 一般保养与维护

- ★ 定期清洁仪表外壳，请勿化学溶剂清洁仪表外壳。
- ★ 保持仪表输入插孔干燥清洁。
- ★ 如发现仪表异常，请停止使用并送回校准维修。

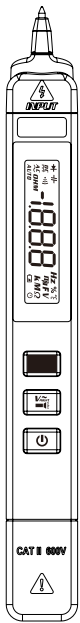
2. 更换电池

- 如果仪表出现 **CA** 符号，更换电池后再使用，否则会影响测量精度。
- ★ 关闭仪表电源，移除表笔。
 - ★ 用螺丝刀取出尾部螺丝，拔出后壳。
 - ★ 更换两节1.5V AAA电池，然后装上后盖并和螺丝。



4

Smart Voltage Tester



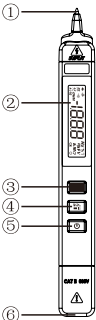
Security Information

- Check the instrument and accessories before use for any damage or irregularities. Do not use the instrument if the housing is visibly damaged or if the LCD display is not showing, or if you believe that the instrument is not working properly.
- Follow the operating instructions when measuring.
- Do not open the instrument or change the internal wiring as this may damage the instrument.
- When the LCD display shows the **CA** symbol, the battery should be replaced before use.
- Do not store or use the instrument in high temperature, high humidity and strong electromagnetic environment.
- If the product is damaged or cannot function properly, do not use it. If you suspect any problems, please send them for repair in a timely manner.
- When using this meter, even if there is no display or sound alarm, there may still be voltage present.
- When testing AC voltages above 36 volts, extreme caution should be exercised as such voltages pose a risk of electric shock.
- Use a soft cloth and a neutral cleaner to clean the instrument.

Product Description

1. Part Name

- Test probe
- LCD display
- AC voltage test button
- Function switch/flashlight switch button
- Power button
- Battery screw port



1

2、Button Description

- Power button:**
Long press for 1 second: Power on/off.
Short press after power on: Auto shutdown disable.
- Function switch/backlight and flashlight switch button:**
Short press: AC voltage test, non-contact voltage induction, and live wire check mode switch.
Long press for 1 second: Backlight and flashlight on/off.
- AC voltage measurement button:**
When test AC voltage, it is must to hold down this button to obtain accurate measurement results.

3、LCD full display symbol



Symbol	Description
	Auto shutdown symbol
	Low battery
	AC voltage test mode
	Voltage unit: Volt
	Non contact voltage sensing mode
	Firewire check mode

Specification

Overview

- Display: LCD display.
- Battery undervoltage indication: LCD display with **CA** symbol.
- Sampling rate: 0.5 second.
- Alarm mode: Analogue bar, backlight and beep.
- Automatic shut-off time: About 5 minutes.
- Operating temperature and humidity: 0~40℃，0~90%RH.
- Storage temperature and humidity: -20~60℃，0~75%RH.
- Power supply: 1.5V AAA x 2
- Working altitude: 2000m max.
- Dimensions: 22*22.5*188mm.
- Weight: 50g(Without battery).

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Technical index

AC Voltage:

Range	Resolution	Accuracy
12~300V	1V	±5.0%

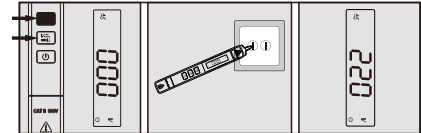
Others:

Function	Explanation
V_{AC} Voltage sensing	When there is no signal, the screen displays "NCU", when there is a signal, the screen displays "-", according to the signal strength sensed, the buzzer sends out different frequency alarms, and the green backlight flashes when the signal strength is medium and low, and the red backlight flashes when the signal strength is high.
Live wire check	When the live wire is recognized, the backlight turns red and an alarm sound sounds, and the neutral line test does not respond.
Auto power off	No signal input for about 5 minutes.

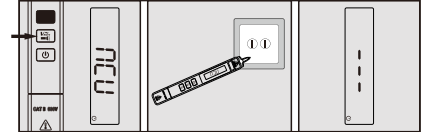
Operating Instructions

AC Voltage test

First press **V_{AC}** button to select the AC voltage test mode, contact the probe with the measured object, and then press and hold the black button with your finger, and the value displayed on the screen is the voltage value of the measured object.

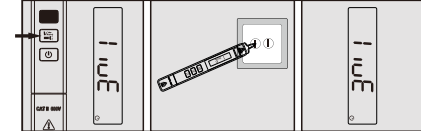


Non-contact voltage sensing



3

Live Wire Check



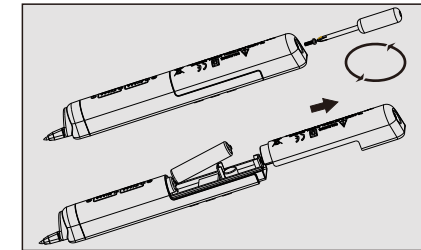
Care and maintenance

1. General maintenance

- ★ Clean the meter casing regularly. Do not clean with chemical solvents.
- ★ Keep the meter input jack dry and clean.
- ★ If the meter is abnormal, please stop using it and return it for calibration and maintenance.

2. Replace the battery

- If **CA** symbol appears, it should be charged before use, otherwise the measurement accuracy will be affected.
- ★ Shut down the meter and remove test leads.
 - ★ Remove the tail screw with a screwdriver, and pull out the rear case.
 - ★ Replace two 1.5V AAA batteries, then install the back cover and screw.



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