sisco

Voltage detector User manual

⚠ Warning

Please read the instruction manual carefully before use and strictly observe the safety rules and the caution, attention and warnings listed in the instruction manual.

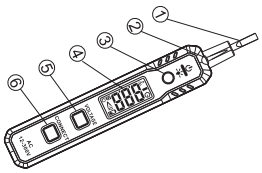
Safety Instruction

⚠ Warning

To avoid possible electric shock or personal injury:

- The protection provided by the stylus can be compromised or rendered useless if you fail to use it according to instructions.
- Before using the voltage detector, please test on a known live power supply to ensure that the detector is in good working condition.
- When using voltage detector, even if there is no indication or no sound alarm, there may be a voltage. Do not use the product if it is damaged or does not work properly. If any problem is suspected, please send it to repair in time.
- Do not apply more than the rated voltage marked on the probe.
- When testing voltages above 30 volts, be extra careful, because such a voltage will pose a risk of electric shock.
- Comply with local and national safety regulations and use appropriate protective equipment as required by local or national authorities.

The meter Structure



① Probe (NCV sensor)
② Flashlight
③ Power/light Switch
④ Display
⑤ AC test button
⑥ Conduction/Positive measurement Switch

Operation Description

Power on/ off

Press the power key and keep up for more than 1 second, the buzzer deeps and the screen lit up then entered the open state.when the meter is turned on,press the power key and keep up for more than 1 second, meter turn off.

Flashlight

When the meter powered on, press the “power/light” button to turn on the flashlight; when the flashlight is turned on, press the “power /light” button again to turn it off.

The meter will be turned off automatically after 5 minutes when there is no induction signal and no operation.

Inductive Mode Measuring

Power-on default sensing mode measurement status. When the probe of the test pen is placed close to the AC voltage source, the buzzer sounds; the frequency of the buzzer sounds has three levels, which increases with the signal. At the same time, the display screen will display "— — U" , and "HI" when the signal is strong. With this function, you can distinguish between zero and live wires, or find the break point of the wire.

AC Voltage Detection

After starting up, press and hold the contact measurement key to enter the AC voltage measurement mode. When the probe of the test pen contacts the conductor with AC voltage, the display screen displays the corresponding AC voltage. This function can detect the AC voltage and distinguish the zero and live wires according to the voltage.

Connected the wire

After the machine is turned on, press the test pen conduction/positive pole measurement button with the right hand, hold one end of the uncharged wire with the left hand, contact the other end of the wire with the probe of the test pen, if the wire is connected normally, the display will display the "- - C" and buzzer sound, if the wire is open, the test pen does not respond.

Battery Positive Detection

After starting up, press and hold the connection/positive pole measurement key of the test pen with the right hand and the negative pole of the battery with the left hand; use the probe of the test pen to touch the positive pole of the battery. If it is normal, the display screen will display "— — P" and the buzzer will sound. If it is connected reversely, the test pen will not respond.

In general, when the backlight is red, it indicates that the object under test may be dangerous and should be operated carefully.

⚠ *Warning*

***1*：Due to the different structure of the socket, when the zero and live wires cannot be distinguished by the induction mode, it can be switched to the AC voltage detection mode, which can generally be distinguished according to the voltage detected by the electric pen.**

***2*：When the induction mode is used to distinguish the zero and live wires: if the zero and live wires are very close, separate the two wires as far as possible for detection; if it is impossible to separate them, distinguish them according to the strength of the detected signal, the one with strong signal is the live wire, and the one with weak signal is the zero wire.**

***3*：As the detector measurement requires human contact to form a loop, please ensure that your fingers can touch the detector keys well.**

***4*. Because the induction mode**

of the electric pen has high sensitivity, it can sense the weak electric field signal, so it is normal to trigger the induction when the metal detector contact the object with the weak electric field directly.

Auto Power Off

After about 5 minutes without any operation and No signal detection, the voltage detector will be automatically shut down to extend the battery life.

Low Battery Indicate

When the battery voltage drops to less than 1.2 volts, the display will display " " symbol. When low battery tip, please replace the battery.

Technical Specifications

Operating voltage:

AC voltage: 12~300 V,

50/60 HZ

Measurement error：

±（5%+3）

Application environment:

Operating temperature： 0~40°C

Storage temperature： -10~50°C

Humidity：≤95%

Altitude：≤2000m

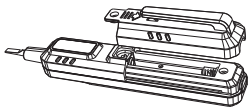
Safety Compliance：

CAT.II 300V

Battery：1×1.5V AAA

Replace the Battery

Push off the battery cover as shown below, then take out the old battery, and install the new battery according to the positive and negative indications of the battery.



⚠ Warning：

To avoid electric shock, do not use a voltage probe to detect the voltage before the battery cover is fastened and locked. \n In order not to affect the detection, please ensure that the human body is insulated from the ground.

Clean Indication

Clean with a wet cloth.

Notes: After cleaning, the voltage detector can’t be used until it is completely dry.