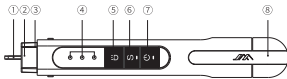


User Manual

JM-G2704/Non-Contact Electrical Test Pen

Introduction



- ① Probe(NCV Inductive Probe)
- ② Flashlight
- ③ Signal Indicator light LED4
- ④ Signal Indicator light LED3、LED2、LED1
- ⑤ Flashlight Key
- ⑥ Sensitivity Adjustment Key
(with light indicator)
- ⑦ Power Key
(with power indicator)
- ⑧ Battery Cover

Warning

Please read the instructions carefully before using, and strictly comply with the safety rules and instructions for caution, attention, warning, etc., to avoid possible electric shock or personal injury.

Safety Instruction

- 1.If the electric test pen is not used as instructed, the protection provided by test pen may be affected or invalidated.
- 2.Before using the electric test pen, please test on the known live power supply to ensure the test pen is in good working condition.
- 3.Do not use the test pen if it is damaged or does not work properly.
Before use, please specifically check the tip of the probe if it has cracks or breakage.
Note: If any problem is suspected, please do not use.
- 4.Do not apply more than the rated voltage marked on the test pen.

5.Extra care should be taken when testing AC voltages above 30V, as there is a risk of electric shock.

6.Please comply with local and national safety rules,

use the appropriate protective equipment as specified by local or national authorities.

7.The voltage may exist even if the test pen has no display or sound alarm during the operation.

It indicates the effective voltage when the power supply voltage generates electrostatic field of sufficient strength.If the electric field is very weak, the test pen cannot detect the voltage.

The existence of voltage may be affected by several

factors, including but not limited to:Shielded wire/cable、 thickness and type of insulation layer、 distance from voltage source、 complete insulation、 differences in socket design, etc.

Limited Responsibility

Our company can not be responsible for indirect damage or loss due to usage of the test pen.



Instructions for Use

1.Power On/Off

Press the power key and keep more than one second, the power is on. When it beeps and indicate light is on, please start the testing. Press the power key to shut down when in power-on status.

2.Low and High Sensitivity Switch

Low sensitivity test status is the default setting when starting up.

Press the sensitivity adjustment key to switch between high and low sensitivity.

When the sensitivity indicator light is on, it is in the high sensitivity status.

When the sensitivity indicator light is off, it is in the low sensitivity status.

Note: High sensitivity range: 12~1000V

Low sensitivity range: 48~1000V

3.Flashlight

Press the flashlight key and the light turns on. When the flashlight is on, press the flashlight key again to turn off the flashlight.

It will automatically shut down after 5 minutes under no induction signal and no operation.

4.AC Voltage Detection

When the probe is near the AC voltage source, the signal indicator light LED4 will blink. It will speed up or slow down depending on the signal intensity.Signal indicator lights LED1 and LED2 will light up depending on the signal intensity.The beep also gets faster or slower depending on the signal intensity.When the signal is strong enough, the signal indicator LED3 red light will be on.

Generally when the red light is on, it detects the fire line. Only when the green light is on, it detects the zero line or ground line.

Note 1: Due to the different structure of the socket, when the zero fire line cannot be distinguished by whether the red light is on, it can be distinguished by the strength of the signal detected by the electric pen.

Note 2: When identifying a zero fire wire, separate the two wires as far as possible if the null wire is close to each other. If it really can not be separated, according to the detection of signal strength to distinguish, the strong signal is a fire line, the weak signal is the zero line.

5.Auto Power Off

After no induction signal or no operation for about 3 minutes, the pen will shut down automatically to extend the battery life.

6.Undervoltage Indicator

The power indicator blinks when the battery voltage drops below about 2.5 volts.

It will power off automatically when the battery voltage drops below about 2.4 volts.

When under voltage occurs, please replace the battery in time.

7.Replace the Battery

Rotate to open the battery cover, then take out the old battery, according to the positive and negative battery instructions to replace the new battery.

Warning: To avoid electric shock, do not use the test pen to detect the battery until the battery cover is buckled and locked.

Technical Parameters

Voltage Sensitivity: AC 12 ~1000V

Frequency: 50/60Hz

Operating Temperature: 0~40°C

Storage Temperature: -10~50°C

Humidity: ≤95%

Altitude: ≤2000m

Security Level: CAT.III 1000V CAT.IV 600V

Electrical Standard: GB4793.1-2007

Power Source: 2×1.5V AAA Batteries (included)

Cleaning

If the test pen is dusty, please wipe it using a dry towel.

Note: Make sure that moisture does not enter the test pen during cleaning to prevent damage.