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# **Circuit Voltage Testers Unit**

## **Instruction Manual**

### **MODEL:HT100**

We continue to be committed to provide you tools with competitive price. "Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually Saving Half in comparison with the top major brands.

MODEL:HT100



★ The picture is for reference only, please refer to the actual.

**NEED HELP? CONTACT US!**

Have product questions? Need technical support? Please feel free to contact us:

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product



Warning-To reduce the risk of injury, user must read instructions manual carefully.

## Parts



- ①Probe (NCV sensor)    ②Flashlight    ③Signal indicator    ④Display  
⑤Power switch    ⑥sensitivity/Flashlight(With sensitivity indicator)  
⑦Battery cover

## INSTRUCTIONS FOR USE

### 1.Power on/off

Press the power key and keep up for more than 1 second. The bee buzzed,the screen lit up and entered the test state. When the power on, power key was pressed and the bee turned to shut down.

### 2.High/low sensitivity

When the power is opened,the low sensitivity test state is defaults.

The sensitivity / flashlight key(less than 1second)can be switched at high and low sensitivity. When the sensitivity indicator light is lit, it is a highly sensitive test state. Low sensitivity test state when extinguished.

Notes:

High sensitivity: 12~1000V

Low sensitivity:48~1000V

### **3.Flashlight**

Press the sensitivity / flashlight key and hold for more than 2 seconds.The flashlight is opened;The flashlight is closed by pressing the sensitivity / flashlight key and holding for more than 2 seconds.No signal and no operation will be automatically closed after 3minutes.

### **4.AC voltage detection**


The voltage detector probe is placed near the AC voltage. When the voltage is induced, the signal light will be lit. The bar graph of the screen will become higher or lower as the voltage signal intensity is induced,and the beep beep hint will become faster or slower with the signal intensity. Note 1:because the socket structure is different, when not by the backlight color change to distinguish the Live and neutral,generally according to the detected signal intensity to distinguish.

Note2:Distinguish Live and neutral, if Live and neutral is near,the two lines can be separated as far as possible; it is true that it is not separable and can be distinguished according to the intensity of the signal. One of the strong signals is live wire and neutral wire with weak signal.

### **5.Auto power off**

After about 3 minutes without any operation and No signal detection,the voltage detector will be automatically shut down to extend the battery life.

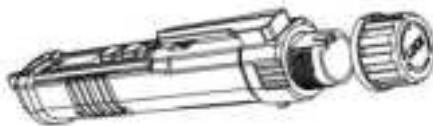
### **6.Low battery indicate**

When the battery voltage drops to less than 2.5 volts, the display will display " " symbol. When the battery voltage drops to less than 2.3 volts, the voltage detector will automatically turn off. When low battery tip,please replace the battery.

### **7.replace the battery.**

Replace the battery

Rotate the battery cover as shown below, then remove the old battery and install the new battery according to the positive and negative instructions of the battery.



### **Warning:**

To avoid electric shock, the battery cover should not be tested with voltage probe before locking.

### **Clean**

Clean with a wet cloth.

Notes: After cleaning, the voltage detector must be dried before it can be used.

## **Safety instruction**



### **Warning**

To avoid possible electric shock or personal injury:

- If the voltage detector is not used according to the instructions, the protection function provided by the electric pencil may be affected or invalidated.
- Do not use if the display is not displayed.
- Before using the voltage detector, please test the known power supply to ensure that the voltage detector is in good working condition.
- When using voltage detector, even if there is no indication or no sound alarm, there may still be voltage. Voltage detector indicates the effective voltage when a supply voltage generates enough intensity electrostatic field. If the field strength is very weak, voltage detector can't detect the existence of voltage. The existence of voltage may be affected by several factors, including but not limited to: shielded wires/cables, thickness and type of insulation, distance from voltage sources, differences in complete insulators, socket design, etc.
- Do not use voltage detector if it is damaged or unable to work properly. Before using, check whether the tip of the probe is cracked or broken.

- Do not apply the rated voltage exceeding the marking on the voltage detector.
- When testing voltages above 30 volts, be extra careful, because such a voltage is at risk of electric shock.
- Comply with local and national safety regulations and use appropriate protective equipment in accordance with local or national authorities.

### Product Parameter

Product name	Circuit Voltage Testers Unit
Model	HT100
Input:	1.5Vdc 2xAAA battery
Material	ABS
Colour	Black
Test voltage range	AC voltage :12-1000V, 50/60Hz
Operating temperature	0-40°C
Storage temperature	-10-50°C
Working humidity	<95%
Altitude	<2000m
Safety Compliance:	CAT.III 1000V
Accessory	2X1.5VAAA batteries



#### Environmental information

Electrical and electronic equipment (WEEE) contains materials,

components and substances that may be hazardous and harmful to human health and the environment if waste electrical and electronic equipment (WEEE) is not disposed of correctly. Products marked with a crossed-out wheeled bin are electrical and electronic equipment. The crossed-out wheeled bin indicates that waste electrical and electronic equipment must not be disposed of with unsorted household waste, but must be collected separately.



#### FCC Information:

**CAUTION:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment! This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This product may cause harmful interference.
- 2) This product must accept any interference received, including interference that may cause undesired operation.

**WARNING:** Changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the product.

**Note:** This product has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This product generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product off and on, the user is encouraged

to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the distance between the product and receiver.
- Connect the product to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

**Manufacturer:** Dongguan Habotest Instrument Technology Co., Ltd .

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