

Non-contact AC Voltage Tester Operation Manual

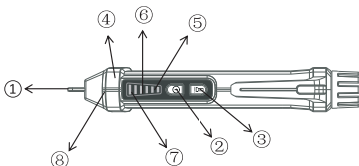
ETHOS 4056



Warning: Special attention is required when using this device, because the improper use may cause damages to this device or bodily injuries. Please fully abide by the safety rules and safety measures as provided for herein.

Structural Diagram

- ① Probe (NVC sensor)
- ② Power switch
- ③ Electric torch switch
- ④ Induced voltage indicator lamp
- ⑤ Signal intensity indicator lamp (low)
- ⑥ Signal intensity indicator lamp (moderate)
- ⑦ Signal intensity indicator lamp (strong) - red
- ⑧ Electric torch illumination lamp



Operating Instructions

AC Voltage Detection

Turn on the instrument's power switch ②, and the power indicator lamp (white) illuminates. Allow the instrument's probe to contact the power socket or to get near the live wire. If the instrument detects AC voltage, its induction indicator lamp ④ will flash. The relevant signal intensity indicator lamps (low, mid, high) light up, depending on the signal intensity detected, and the buzzer makes the different alarm sound. If the instrument detects common AC signal, the signal intensity indicator lamp (low) alone lights up; if it detects higher AC signal, the signal intensity indicator lamps (low, mid) both light up; if it detects highest AC signal, the signal intensity indicator lamps (low, mid, high) all light up.



Warning

1) If the AC voltage is detected, this indicates the presence of voltage, even though there is no alarm indication. The presence of voltage cannot be judged by the non-contact voltage tester. The detecting operation may be affected by such factors as socket design, insulation thickness and insulation type.

2) Before the instrument is used for detecting the AC voltage of the power socket etc, it must be tested for on a known live source to ensure it is working correctly.

Specifications

Technical indicators	
Range of AC voltage	12 ~1000V
Frequency	50 Hz /60Hz
Alarm mode	Sound and light alarm
Electric torch	White LED illumination lamp

Auto shutdown	√
Low-voltage indicator lamp	√
Zero/live line judgment	Sound (different frequency) and LED lamp
NCV sensitivity	Selecting 3 types of sensitivity automatically (low, mid, high)
NCV sensitivity indication mode	The instrument uses the alarm sound of different frequency and LED lamp of different color to indicate low, moderate or high sensitivity.
General parameters	
Power source	2×1.5V AAA battery
Product size	156mm×20mm×20mm
Product weight	45g
Security level	CE CAT.III 1000V/CAT.IV 600V
Service temperature	0~40°C
Storage temperature	-10~50°C
Altitude	<2000m

Auto Shut-down

If the instrument is not operated and detects no AC voltage within three minutes, it will turn off automatically.

Low voltage indicator lamp: when the battery voltage is less than around 2.6V, the power indicator lamp will flash three times for alarm, and the buzzer will sound once, before the instrument turns off automatically. The battery is to be replaced.

Electric torch: the electric torch lights up when the electric torch switch ③ is pressed, and goes out when the switch is again pressed. If the switch is turned on, the electric torque will go out automatically 5 minutes later.

Battery replacement:

As per the diagram below:

- 1) Rotate the battery cover;



battery rotation direction
as indicated

- 2) Take out the used battery ;
- 3) Put a new battery in as per battery anode and cathode indication.

Warning: To avoid electric shock, do not use this instrument before the battery cover is replaced.

Distributed by MTi

Victoria Road, Avonmouth,
Bristol, BS11 9DB
Tel: 0117 938 6400
Fax: 0117 923 5374