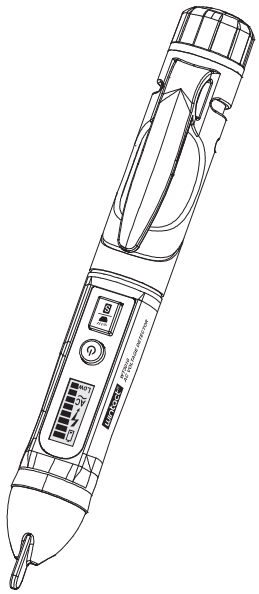
wintact®

MODEL: WT3010

Ac Voltage Detector
Instruction Manual



Standard：Q/HTY 003-2015

Version：3010-EN-00

A. Introduction

Adopting humanized pen clip design, this non-contact electric pen features novel appearance, stable performance, safe and easy usage, low power consumption, high sensitivity, etc.; special for electrician in household line detection.

B. Functions

- ► High and low sensitivity switch
- ► Flashlight
- ► AC voltage detection
- ► Automatic turnoff
- ► Low battery indication
- ► Selectable forms of alarm in sound, light and screen

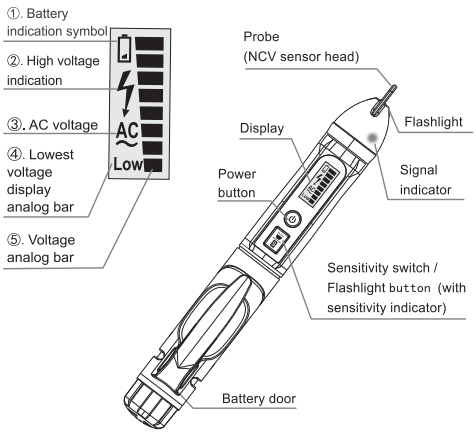
C. Safety Instructions

⚠ Warning

To avoid possible electric shock or personal injury:

1. If test pen is not operated properly, the protection provided by test pen may be affected.
2. If the test pen fails to display, do not use it.
3. Before using test pen, please test it on a given power supply to ensure that test pen is under good working condition.
4. When using the test pen, even if there is no display or no sound alarm, there may still exist voltage. This test pen indicates effective voltage when power supply voltage generates sufficient strength electrostatic field. If the electric field is weak, the test pen cannot detect the presence of voltage. The existence of voltage may be affected by several factors, including but not limited to: exhausted wires / cables, thickness and type of insulation, distance from voltage source, complete insulation, differences in socket design, etc.; if the product is damaged or s not working properly, do not use it if it is. Before use, check the end of probe for cracks or breaks. If you suspect problems, please send it for repair in time.
5. Do not apply more than the rated voltage marked on test pen.
6. Be very careful when testing voltages above 30 VAC, as there is a risk of electric shock from such voltages.
7. Observe local and national safety regulations, and use appropriate protective equipment in accordance with local or national authorities.

D. LCD full-screen display and component nam



E. Operation steps

► Power on / off:

Press power button for more than 1 second, until the pen beeps; with display screen lighting up, while the test state is on; under power-on state and power button are off.

► High and low sensitivity switch:

The default setting of test pen is low-sensitivity test state after turning on.Press sensitivity switch / flashlight button (less than 1 second) to switch between high and low sensitivity; when sensitivity indicator is on, it is under high sensitivity test state; when it is off, it is under low sensitivity test state.

Note: High sensitivity range: 12 ~ 1000V
Low sensitivity range: 48 ~ 1000V

► Flashlight:

Press sensitivity switch / flashlight button and keep it for more than 2 seconds, flashlight is turned on; when it is turned on, press sensitivity switch / flashlight button again for more than 2 seconds, then turn off the flashlight t. Test pen will automatically shut down if there is no further operation within 3 minutes.

► AC voltage detection:

place the probe of test pencil near AC voltage source, the signal indicator will light up, the analog bar on display will grow higher or lower with the intensity of the voltage signal sensed, and the beeping sound of the peak will also change with signal intensity; the backlight will also change from green to red for use to know voltage intensity intuitively. In general, if the backlight is red, the electric pen detects live wire; if it is green, electric pen detects null wire or ground wire.

Note

① Due to different structures of the socket, if null wire and live wire cannot be distinguished by the color change of backlight, they can generally be distinguished according to the signal intensity detected by electric pen.

② In distinguishing null wire and live wire, if two wires are very close, try to separate them for detection; if two wires are really inseparable, it can be distinguished according to the intensity of detected signal. The strong one is the live wire, and the weak one is the neutral wire.

► Automatic turnoff:

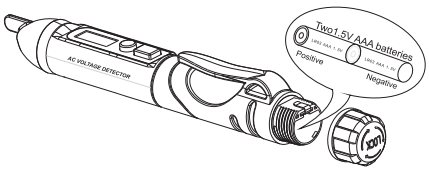
After about 3 minutes of no induction signal or no operation, the test pen will automatically shut down to extend battery life.

► Low battery indication:

When battery voltage is low, the display will show" ▭ "icon; when battery voltage drops below 2.4V (volt), the test pencil will automatically shut down. When the under voltage indication appears, please replace batteries in time.

F. Operation steps

1. Screw off battery door as shown below, then remove batteries, and insert new batteries according to battery polarity instructions.



2. ⚠ Warning:

To avoid electrical shock, do not use test pen for voltage detection before battery door is fastened and locked.

3.Cleaning:

Clean with damp cloth.

Note: After cleaning, test pen must be completely dry before use.

G. Technical parameters

Working voltage:	
AC voltage	12~1000V , 50/60Hz
Working environment:	
Working temperature	0~40℃
Storage temperature	−10~50℃
Humidity	≤95%
Altitude	≤2000 meters
Safety level	CAT.Ⅲ1000V
	CAT.Ⅳ600V:CE
Power supply	2*1.5V AAA batteries
Dimensions	21*26.30*167.45CM
Weight	47.4g（including batteries）

Specific Declarations:

Our company shall hold no any responisibility resulting from using output from this product as an direct or indirect evidence.

We reserves the right to modify product design and specification without notice.

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