

Please read the operation instruction, before you use the 2-Pole Voltage Tester:

1. Safety Warnings

This instruction manual contains warnings and safety rules which have to be noticed by the user. It ensures safe operation of the instrument and maintenance instrument in safe condition. Therefore read through these operating instructions before using the instrument.

2. Notice

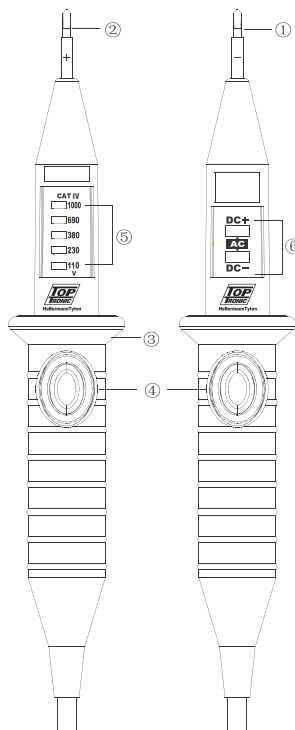
- Do not allow a disassembly of the safety voltage detector by unauthorized persons.
- Be sure to only use the safety voltage indicator in systems, appliances and devices within the area of the nominal voltage of 110V-1000V AC/DC.
- Do not use voltage tester in the wet environment.
- Before applying the detector to any apparatus, please confirm the function of the voltage detector. For example, connecting the detector to a known functioning power source.

3. Caution

- Please do not connect the tester to the voltage source for more than 60 seconds.
- After maximum operation (measuring AC / DC 1000V voltage source for 60 seconds), the tester must take a rest for 60 seconds.

4. Instrument Layout And Specifications

- ①. L1 probe-
- ②. L2 probe+(Instrument probe)
- ③. Barrier
- ④. Pen measurement switches
- ⑤. 110V 230V 380V 690V 1000V LEDs Voltage indication
- ⑥. Polarity indication LEDs for voltage



Voltage range:

Alternating voltage: 110-1000V

Direct voltage: 110-1000V

Voltage indication: LED

Levels of indication: LED +/- 110V 230V 380V 690V 1000V
LEDs voltage indication.

Power consumption: Is ≤3.5 mA

Degree of protection: IP 65

Polarity indication: LED

Maximum permissible operating time (MT) : 60s

Suggest Recovery time (RT) :60s

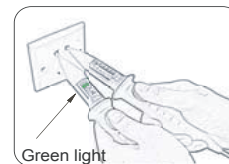
Range of operating temperature: -10°C to +55°C

Over voltage category: CAT IV 1000V

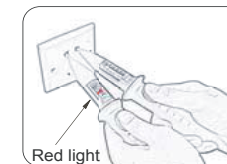
5. Operation

Pressing positive and negative switches at the same time will activate the tester

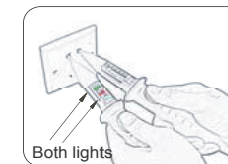
- Green light indicates +ve DC
- Red light indicates -ve DC
- Both lights indicate AC



↓
+DC



↓
-DC



↓
AC

6. Cleaning and Storage

- Use a lightly damp cloth with neutral detergent for cleaning the instrument.
- Do not use abrasives or solvents.
- Do not expose the instrument to the direct sun, high temperature and humidity or dewfall.
- Please operate this unit strictly according to the manual instruction

7. Safety Symbol

| | |
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| | Caution, risk of electric shock. Under normal use, hazardous voltages may be present |
| | Suitable for live working |
| | Always check proper operation of the device on a known working circuit before use |
| | Alternating current(AC) |
| | Both direct and alternating current(AC/DC) |
| | Direct current(DC) |

8. Environment

- Do not dispose of electrical appliances as unsorted municipal waste. Use separate collection facilities.
- Contact your local government for information regarding the collection systems available
- If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.
- When replacing old appliances with new ones. The retailer is legally obligated to take back your old appliance for disposal at least for free of charge.

9. IP 65

The instrument is totally protected against dust and against low pressure jets of water from all directions.



* **Environmental notice** At the end of the product's lifetime, please dispose of it at appropriate collection points provided in your country.