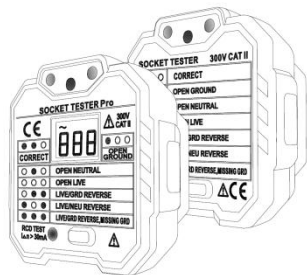


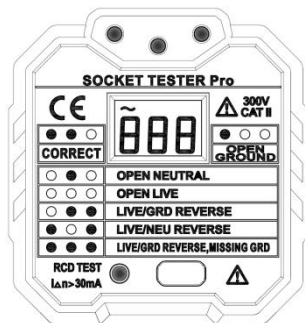
# Socket tester User manual



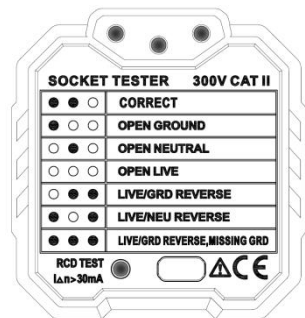
Socket tester is mainly used for power socket wiring detection and RCD test. It can detect the wiring status of the socket quickly and accurately. With LCD, it can also measure the voltage of the socket and display it.

## Warning

Please read the instruction manual carefully before use and strictly observe the safety rules and the caution, attention and warnings listed in the instruction manual.



With LCD



Without LCD

## Safety instruction

To avoid possible electric shock or personal injury:

- Please check the tester

carefully before using it and confirm if there is any damage. If there is any damage, please stop using it immediately and send it to repair.

- Check whether the tester is correct. Insert the tester into a known correct socket for testing and check that the test function is correct before using it.
- The RCD test must be properly operated under the correct wiring.
- When testing RCD, please close the equipment on the power line to ensure that power failure does not cause any harm. When testing in public places, it must be permitted to test.
- When using the tester to detect the wrong wiring of the socket, please find professional electrician maintenance wiring.

## Technical specifications

- operating voltage: 48~250V/45~65Hz
- Measure voltage (with LCD):

48~250V/45~65Hz  
accuracy:  $\pm (2.0\%+2)$

- operating temperature: 0°C~40°C
- operating Humidity: 20%~75%RH
- Storage temperature: -10°C~50°C
- Storage Humidity: 20%~80%RH
- Altitude:  $\leq 2000\text{m}$
- RCD test:  $>30\text{mA}$
- RCD working voltage: 220V $\pm$ 20V
- GFCI test:  $>5\text{mA}$
- GFCI working voltage: 110V $\pm$ 20V

**Note: RCD and GFCI functions do not coexist**

## Operation description

### Socket tester

Insert the tester into the standard three hole power socket, then observe the indicator light and the function table, judge whether the socket connection is correct, and then pull out the tester. When the

wrong connection is detected, please find a professional electrician to repair the wiring.

**Note:**

1. the test time is not more than 5 minutes
2. When using, please be careful not to touch the RCD button, so as not to trigger the leakage protection switch, causing unnecessary losses.

#### Voltage test (with LCD)

Insert the tester into a standard three hole power outlet. Read the socket voltage value from the tester screen, the unit is V.

**Note:**

1. the test time is not more than 5 minutes
2. When using, please be careful not to touch the RCD button, so as not to trigger the leakage protection switch, causing unnecessary losses.

#### RCD (or GFCI) Test

Insert the tester into the correctly connected three hole power socket, press the button (less than 3 seconds), and the normal RCD will trip off at this time, if it does not trip off, it indicates that the RCD has failed. Please find professional electrician maintenance in time.

#### Functional control table

|                                   | Re<br>d | Re<br>d | Re<br>d |
|-----------------------------------|---------|---------|---------|
| CORRECT                           | ●       | ●       | ○       |
| OPEN GROUND                       | ●       | ○       | ○       |
| OPEN NEUTRAL                      | ○       | ●       | ○       |
| OPEN LIVE                         | ○       | ○       | ○       |
| LIVE/GRD REVERSE                  | ○       | ●       | ●       |
| LIVE/NEU REVERSE                  | ●       | ○       | ●       |
| LIVE/ GRD REVERSE;<br>missing GRD | ●       | ●       | ●       |

**Note:**

1. LIVE/GRD RESVERSE, missing GRD: It is the reverse connection between the live

line and ground line, and the ground line is unconnected.

2. This tester cannot distinguish between neutral line and ground wire reverse.

#### Clean

Clean with a wet cloth, Cleanliness or other chemicals are not available

**Notes:** After cleaning, the tester must be dried before it can be used.

EN18105V11