

Socket tester instruction manual

1. Safety instruction

WARNING

To avoid possible electric shock or personal injury, please read the following instructions carefully:

- Please use the tester strictly according to this manual, otherwise the protection function provided by the tester may be affected.
- When using this tester, even if the LED indicator is not on, there may still be a voltage.

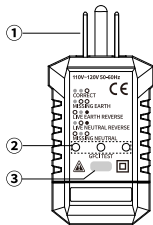
- Do not use if the tester is damaged or does not work properly. Before use, it is necessary to check whether the connector is cracked or broken. If you suspect there is a problem, please send the tester to repair in time. Do not apply more than the rated voltage marked on the tester. The maximum voltage RMS for socket testing is 135V.
- Take special care during testing to avoid the risk of electric shock.
- Comply with local and national safety regulations. Use appropriate protective equipment in accordance

with local or national authorities.

- This socket tester supports only single-phase power system, support correct wiring, lack of ground wire, live wire ground reverse connection, live wire neutral reverse connection, lack of neutral line.

2. Panel description

- ① US gauge plug
- ② LED indicator
- ③ GFCI test key



3.Operation instruction

3.1 Socket connection test

Socket test steps: Insert the plug of the instrument into the socket to be tested, and the display panel prompts the socket wiring status: correct wiring, lack of ground wire, live wire grounding reverse connection, live wire neutral reverse connection, lack of neutral wire.

- ● ○ CORRECT
- ○ ○ MISSING EARTH
- ● ● LIVE EARTH REVERSE
- ○ ● LIVE NEUTRAL REVERSE
- ● ○ MISSING NEUTRAL

3.2 GFCI test

GFCI test steps: When the display panel of the instrument shows the correct connection, press the GFCI key for about 1 second, then the resistance between the live wire and the ground wire will be switched on, and the resistance parameter is about 16kΩ.

Note: Instrument plugs only support US gauge sockets. Do not press the GFCI test key for a long time, and release the key even if the device does not trip when pressing GFCI for more than 1 second. At the same time, please check the line problem.

4.Technical parameter

1. Voltage range: 100~135V 50~60Hz
- 2.GFCI test resistance: about 16kΩ.
3. Safety level: IEC61010-1 CAT II 300V.
4. Pollution level: 2.
5. Altitude: < 2000m.

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