



ERMENRICH Zing ST30 Socket Tester User Manual

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ERMENRICH Zing ST30 Socket Tester



Product Information

The Ermenrich Zing ST30 Socket Tester is a device designed to test the electrical socket outlets. It is compatible with 230V and 50Hz power supply and has a CAT rating.

CAT Rating

The CAT rating is an abbreviation for Category Rating. It is a safety standard that indicates the maximum voltage level that the device can handle. A higher CAT rating means the device can handle higher voltage levels, making it safer to use.

Features

- Compact and lightweight design
- Easy to use with clear LED indicators
- Detects wiring faults such as open circuits, short circuits, and incorrect wiring connections

Product Usage Instructions

1. Insert the Ermenrich Zing ST30 Socket Tester into the electrical socket outlet that you wish to test.
2. Observe the LED indicators on the device to determine the status of the socket outlet:
 - If all three LEDs light up (Red, Amber, Green), it indicates that the socket is wired correctly.
 - If only the Red LED lights up, it indicates that there is an open circuit.
 - If only the Amber LED lights up, it indicates that there is a short circuit.
 - If only the Green LED lights up, it indicates that there is an incorrect wiring connection.
3. Refer to the user manual for more detailed information on how to troubleshoot any issues detected by the device.

OVERVIEW

1. European standard plug
2. LED indicator lights

Using

- Check that the device is clean as well as free of dust, grease, and moisture. Examine all of the socket leads for damage. Test the device on a properly functioning socket before using it for the first time.
- Insert the device into a power socket. Compare the LED indicator lights to the LED data table below. Pull the device out of the socket.
- If any errors are found, the wiring must be tested.

Note!

This device does not detect a connection to earth.

LED decryption table

N°	Wiring condition	LED display
1	CORRECT	● ● ●
2	LIVE/NEUTRAL REVERSE	● ○ ○
3	LIVE/EARTH REVERSE	○ ○ ●
4	NO EARTH	● ● ○
5	NO NEUTRAL	○ ● ●
6	NO LIVE	○ ○ ○

-  LED is on
-  LED is off

Specifications

- **Operating voltage range** 230V AC
- **Operating frequency** 50Hz
- **Plug** EU standard
- **Power consumption** < 1.5W
- **Overvoltage category** Cat. III/300 V
- **Pollution degree** 2
- **Operating temperature range** 0... +40°C (32... 104°F)
- **Power supply** AC

The manufacturer reserves the right to make changes to the product range and specifications without prior notice.

Care and maintenance

Make sure that the device plugs match the outlet. Never modify the plug in any way. Do not expose the device to rain or wet conditions. Use the device only within the permitted range. Do not use the device if it is not working

properly. Please note that the parameters of the power supply must comply with the technical characteristics of the device. Do not try to disassemble the device on your own for any reason. For repairs and cleaning of any kind, please contact your local specialized service center. Protect the device from sudden impact and excessive mechanical force. Store the device in a dry cool place. Only use accessories and spare parts for this device that comply with the technical specifications. Never attempt to operate a damaged device or a device with damaged electrical parts! If a part of the device or battery is swallowed, seek medical attention immediately. Keep away from children.

Warranty

Levenhuk International Lifetime Warranty

- All Levenhuk telescopes, microscopes, binoculars, and other optical products, except for their accessories, carry a lifetime warranty against defects in materials and workmanship. A lifetime warranty is a guarantee on the lifetime of the product on the market. All Levenhuk accessories are warranted to be free of defects in materials and workmanship for six months from the purchase date. The warranty entitles you to the free repair or replacement of the Levenhuk product in any country where a Levenhuk office is located if all the warranty conditions are met.
- For further details, please visit: www.levenhuk.com/warranty
- If warranty problems arise, or if you need assistance in using your product, contact the local Levenhuk branch

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Documents / Resources

	ERMENRICH Zing ST30 Socket Tester [pdf] User Manual ST30, Zing ST30 Socket Tester, Zing ST30, Socket Tester, Zing ST30 Tester, Tester
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References

- [🌐 Доживотна гаранция на Levenhuk – Официален уебсайт на Levenhuk в България](#)
- [🌐 Levenhuk optical instruments store | Levenhuk - best optical equipment](#)
- [🌐 Levenhuk lifetime warranty details | Levenhuk - best optical equipment](#)
- [🌐 Doživotní záruka společnosti Levenhuk – Oficiální webové stránky Levenhuk pro Českou republiku](#)
- [🌐 Levenhuk Lebenslange Garantie – Die offizielle Website von Levenhuk in Deutschland](#)

-  [Garantía internacional de por vida Levenhuk – Compre desde el sitio web oficial de Levenhuk en España](#)
-  [Levenhuk Lifetime Warranty – Levenhuk's official website in USA](#)
-  [A Levenhuk élettartamra szóló szavatossága – A Levenhuk hivatalos magyarországi weboldala](#)
-  [Gwarancja bezterminowa Levenhuk – Oficjalna witryna internetowa Levenhuk w Polsce](#)
-  [Поддержка - Гарантийное обслуживание Левенгук - Levenhuk Russia](#)

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