

# SPERRY INSTRUMENTS ET6204 4 Range Voltage Tester User Manual



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## OPERATING INSTRUCTIONS

### MODEL: ET6204 4 RANGE VOLTAGE INDICATOR

#### BEFORE USE:

**READ ALL OPERATING INSTRUCTIONS BEFORE USE.** Use extreme caution when checking electrical circuits to avoid injury due to electrical shock. Sperry Instruments assumes basic knowledge of electricity on the part of the user and is not responsible for any injury or damages due to improper use of this tester.

**OBSERVE** and follow all standard industry safety rules and local electrical codes. When necessary call a qualified electrician to troubleshoot and repair the defective electrical circuit.

#### SPECIFICATIONS:

**Operating Range:** 80-480 VAC/DC, 60 Hz, CAT II 600V

**Indicators:** Visual Only

**Operating Environment:** 32° – 104° F (0 – 32° C) 80% RH max., 50% RH above 30° C  
Altitude up to 2000 meters. Indoor use. Pollution degree 2. Accordance with IED-664.

**Cleaning:** Remove grease and grime with clean, dry cloth.

#### OPERATION:

To test for voltage insert test leads into outlet or carefully touch test leads to electrical contacts or circuit to be

tested. If voltage is present the neon indicators in the correct range will glow. Use the highest illuminated range for the correct voltage. The brightness of the bulbs will increase as the voltage increases.

To test for the live side of an electrical outlet insert one probe into the ground plug of the outlet while inserting the other probe in the alternate sides of the outlet. The neon indicator(s) will glow when the probe makes contact with the live side.

#### **SINGLE HAND OPERATION:**

Sperry's patented design allows for convenient single hand testing of outlets when the probes are snapped into the bottom housing of the tester. Just insert the probes into the outlet and if voltage is present the neon indicator(s) will glow.



**CAUTION REFER TO THIS MANUAL BEFORE USING THIS TESTER.**



**Double Insulation:** The tester is protected throughout by double insulation or reinforced insulation.



**Warning** – This product does not sense potentially hazardous voltages below 80 volts. Do not use outside of the marked/rated ranges indicated.

**Limited Lifetime Warranty** limited solely to repair or replacement; no warranty of merchantability or fitness for a particular purpose. Product is warranted to be free of defects in materials and workmanship for the normal life of the product. In no event shall Sperry Instruments be liable for incidental or consequential damage.

This unit is protected by the following US Patents: US Pat # 6,137,285

#### **INSTRUCTIONS**



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## References

-  [Sperry Instruments | Electrical Test and Measurement Tools](#)