# EXTECH ET38 Screwdriver Voltage and Continuity Tester User Manual



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Contents



## Voltage Testing

To check a circuit for voltage, insert the screwdriver probe into the outlet or carefully touch probe to the electrical contact or conductor to be tested. Touch metal contact on the side of the tester housing with finger. If voltage is present, the LED indicator will light.

**WARNING:** Do not touch the screwdriver tip with fingers.

## Continuity Testing

1. Before taking a continuity test, make sure that power to the device or circuit under test is disconnected and that all fuses are removed.
2. Touch the probe to one end of the conductor to be tested.
3. Place finger or hand on the metal plate located on the tester handle.
4. Use other hand to complete the circuit on the other end of the conductor.
5. If continuity is made, the LED indicator will light.

**WARNING:** To avoid electric shock, never measure continuity on circuits that have voltage on them.

**CAUTION:** Always test on a known live circuit before use to make sure tester is operating correctly and batteries are good.

## Replacing Battery

To test the quality of the batteries, touch the contact point on the tester handle while touching the screwdriver tip. If the LED indicator does not light, replace the batteries.

1. Use a screwdriver to remove the Philips screw and open the battery compartment.
2. Replace with two (2) button type LR44 or equivalent batteries.
3. Replace the cover and re-test.

**CAUTION:** Use extreme caution when checking electrical circuits to avoid injury due to electrical shock. FLIR Systems, Inc. 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.

## Specifications

- Voltage Range 12~300V AC
- Frequency 50/60Hz
- Power supply Two 1.5V button cell batteries
- Operating Temperature 41 ~ 104°F (5 ~ 40°C)
- Relative Humidity 80% RH Max. 50% > 88°F (31°C)
- Altitude < 7000 ft. (2000m)
- Overvoltage class CAT II / 300V
- Pollution degree 2 (accordance with IED-664)
- Recommended Use Indoor

To clean, use a damp cloth only with no chemical detergents or alcohol. OVERVOLTAGE CATEGORY II

Equipment of OVERVOLTAGE CATEGORY II is energy-consuming equipment to be supplied from the fixed installation.

**Double Insulation**: The meter is protected by double insulation or reinforced insulation


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## Documents / Resources

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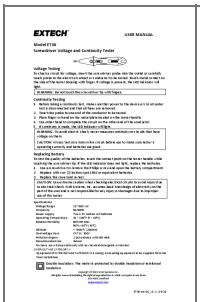
|  | **EXTECH ET38 Screwdriver Voltage and Continuity Tester** [pdf] User Manual<br>ET38, Screwdriver Voltage and Continuity Tester |

## References

- Extech is now on FLIR.com | Teledyne FLIR
- Extech is now on FLIR.com | Teledyne FLIR