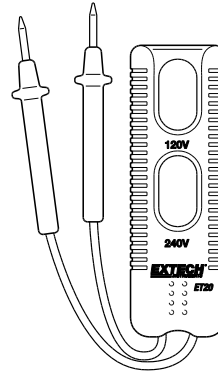


# EXTECH<sup>®</sup> USER MANUAL

## Model ET20 Dual Indicator Voltage Detector

2-Way AC/DC  
Voltage Tester  
(100-250V)



### OPERATION

To check a circuit for voltage, insert the test leads into the outlet receptacle slots or place the test lead tips on the electrical contacts to be tested. If voltage is present, the neon indicator will light indicating the voltage level of the circuit. Probes snap onto the housing for easy one-hand testing of outlets.

To test for the hot side of a receptacle, insert one probe into the ground post of the receptacle while inserting the other probe into the alternate slots of the receptacle. The neon indicator will light when the probe makes contact with the live side of the outlet.

To test for voltage on an outlet without a ground post, insert one test lead into the hot side of the receptacle while touching the other test lead to the cover plate screw.

**NOTE:** If AC Voltage is present, both electrodes will light. If DC Voltage is present, only one electrode will light.

**WARNING:** Risk of Electric Shock. Always check proper operation on a known working circuit before using. Voltages less than 100 Volts may not be detected by this tester, although they may be present.

**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.

### Two-year Warranty

*Teledyne FLIR LLC warrants this Extech brand instrument to be free of defects in parts and workmanship for **two years** from date of shipment (a six-month limited warranty applies to sensors and cables). To view the full warranty text please visit:*

<http://www.extech.com/support/warranties>.

### Calibration and Repair Services

**Teledyne FLIR LLC offers calibration and repair services** for the Extech brand products we sell. We offer NIST traceable calibration for most of our products. Contact us for information on calibration and repair availability, refer to the contact information below. Annual calibrations should be performed to verify meter performance and accuracy. Product specifications are subject to change without notice. Please visit our website for the most up-to-date product information: [www.extech.com](http://www.extech.com).

### Contact Customer Support

**Customer Support Telephone List:** <https://support.flir.com/contact>

**Calibration, Repair, and Returns:** [repair@extech.com](mailto:repair@extech.com)

**Technical Support:** <https://support.flir.com>

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