

ET60

DC Voltage Circuit Test Kit



Introduction

Thank you for purchasing the Triplett ET60 DC Voltage Circuit Test Kit. This meter is user-friendly and reliable. Please read this manual thoroughly before operation.

The ET60 Digital Circuit Tester Kit is designed for testing 6V, 12V, 24V, and 48V DC systems. This instrument is compatible with all vehicle voltages, including those in computerized engines. It allows users to quickly and safely measure accurate voltage values. The digital display provides clear polarity indication with two distinct colors: red for positive polarity and green for negative polarity.

For enhanced usability, the tester features a flexible coil cord that extends up to 12 feet, making it suitable for a wide range of testing applications.

Kit Components:

The ET60 kit includes four essential accessories to accommodate various testing scenarios:

- **Standard Probe & Alligator Clip** – Ideal for general testing applications.
- **Long Testing Probe** – Suitable for hard-to-reach testing points.
- **Wire Piercing Probe** – Designed for situations where the electrical source is not easily accessible.
- **4mm Banana Jacks** – Ensuring compatibility with most circuit testing equipment and meters.

Operating Instructions:

1. Connect the black alligator clip to the negative terminal of the vehicle battery.
2. Connect the red alligator clip to the testing point.
3. When the circuit is live, the voltage value and polarity will be displayed on the LCD screen.

Component Testing Procedure:

1. Attach the crocodile clip to a good grounding point, preferably the negative terminal of the battery or the vehicle chassis.
2. Use the probe tip to complete the circuit by touching the electrical connector or piercing the insulation of the positive wire (ensure any wire damage is repaired after testing).
3. If the tester's display does not illuminate, the circuit may not be receiving power and further diagnostics will be required.

Technical Specifications:

- Compatible with 6V, 12V, 24V, and 48V DC systems.
- Voltage measurement range: 4V – 60V DC.
- Flexible coil cord extends up to 12 feet.
- Maximum testing current: <10mA.
- Display: LCD screen.
- Polarity Indication:

- **Red Display:** Positive polarity.
- **Green Display:** Negative polarity.
- Suitable for automotive electrical circuits only (6V, 12V, and 48V DC systems).
- **Not intended for AC circuit testing.**

Included Accessories:

- Standard Probe
- Long Probe
- Wire Piercing Probe
- Small Probe
- Red Alligator Clip

WARRANTY STATEMENT

Triplett Test Equipment offers a one-year warranty to the original purchaser of its products. We guarantee that our products will be free from defects in workmanship and materials for one (1) year from the purchase date.

This warranty does not cover:

- Products purchased from unauthorized distributors.
- Items that have been repaired or altered by unauthorized individuals.
- Damage from misuse, abuse, misapplication, negligence, or accidents.
- Products with altered, defaced, or removed serial numbers.
- Accessories, including batteries.

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