FLUKE ®

Calibration

Shielded Calibration Test Leads

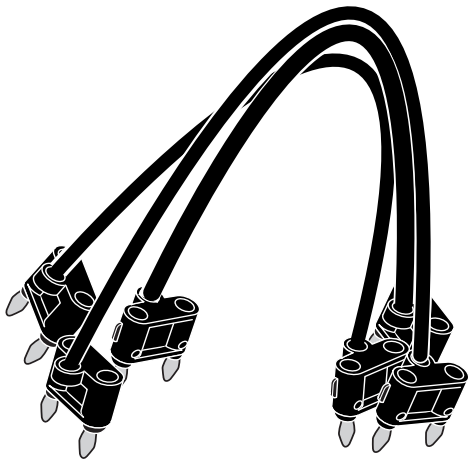
Test Leads

Instruction Sheet

Introduction

Use the shielded calibration test leads with the Multi-Product Calibrators to calibrate voltage up to 1000 V, resistance, RTD simulation, capacitance, and current up to 3.2 A.

Figure 1. Test Leads



Contact Fluke Calibration

Fluke Corporation operates worldwide. For local contact information, go to our website: www.flukecal.com

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Safety Information

⚠⚠Warning

To prevent possible electrical shock, fire, or personal injury when you use the Shielded Calibration Test Leads:

- **Do not use test leads if they are damaged. Examine the test leads for damaged insulation.**
- **Connect the test leads first to the Device Under Test (DUT), then to the calibrator.**
- **Do not make connections to the calibrator output terminals if they are energized.**
- **Before you make any connections to the output terminals, push the RESET key on the calibrator and verify that the calibrator is in STANDBY mode.**
- **When you do a calibration, do not touch any portion of the test leads. If you touch the leads, this creates a safety hazard and introduces noise and thermal errors to the measurement.**
- **Clean only with a damp cloth of mild detergent and water. Do not immerse in liquid.**

Symbols

Table 1. Symbols

Symbol	Description
	Consult user documentation.
	WARNING. RISK OF DANGER.
	WARNING. HAZARDOUS VOLTAGE. Risk of electric shock.
	This product complies with the WEEE Directive marking requirements. The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Do not dispose of this product as unsorted municipal waste.

Use the Test Leads

For best performance from these leads:

- When you calibrate a DUT with µV sensitivity (for example, 5-1/2 and 6-1/2-digit digital multimeters), allow the test leads and connectors to temperature stabilize for several minutes before you do the calibration. See the appropriate documentation from the meter manufacturer for recommended stabilization times.
- When you use two-wire compensation, stack the test leads so that the Ω-sense lead is closest to the DUT terminal.
- Fluke Calibration recommends that you use the test leads for high-resistance measurements because their internal shielding reduces noise pickup.

Specifications

Rated Voltage: 1000 V max. For calibration use only, max transient 1500 V pk
Rated Current: 3.2 A, max