

# Keithley Test Leads and Probes

## Selector Guide

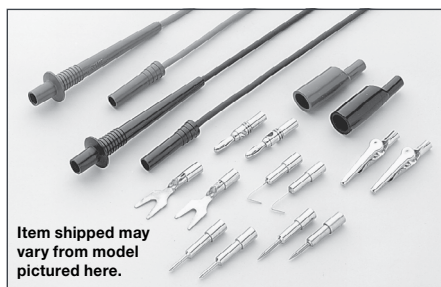
Model	Name	Use With:
1752	Premium Safety Test Lead Kit	All DMMs, Series 2400
1754	Safety Universal Test Lead Kit	All DMMs, Series 2400
2600-BAN	Banana Test Leads/Adapter Cable	2601B, 2602B, 2611B, 2612B
5804	General-Purpose, 4-Terminal Test Lead Set	Series 2400, 2750, DMMs
5805	Kelvin Probes, 0.9 m (3 ft)	Series 2400, 2750, DMMs
5805-12	Kelvin Probes, 3.6 m (12 ft)	Series 2400, 2750, DMMs
5806	Kelvin Clip Lead Set, 0.9 m (3 ft)	Series 2400, 2750, DMMs
5808	Single-pin Kelvin Probe	2700, 2701, 2750, Series 2400, DMMs
6517-RH	Humidity Probe with Extension Cable	6517A, 6517B
6517-TP	Thermocouple Bead Probe	6517A, 6517B
CA-109A	Test Lead Set for Output Connections	2000-SCAN, 2001-SCAN, 2001-TCSCAN



### 1752 Premium Safety Test Lead Kit:

Includes two banana leads with safety shrouds on both ends, two fully insulated alligator clips, two fully insulated needle probes, and two spring-action clip-on probes with safety blocks. Carrying case not included.

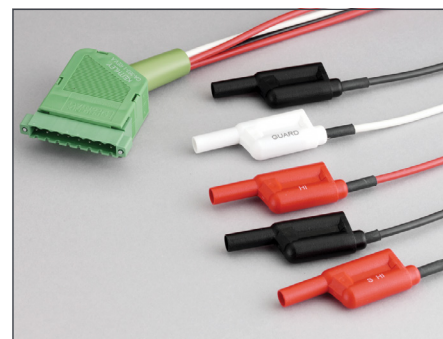
**For use with:** All DMMs, Series 2400  
SourceMeter SMU Instruments



Item shipped may vary from model pictured here.

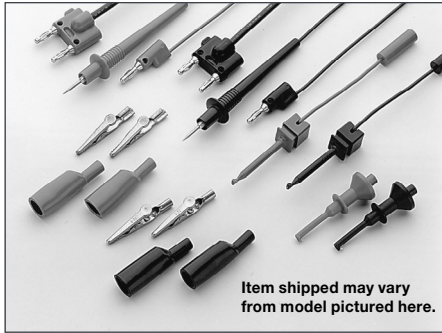
**1754 Universal Test Lead Kit:** 10-piece test lead kit with interchangeable plug-in accessories. Kit includes: 1 set of test leads, 91.4 cm (36 in), 1 red and black; 2 spade lugs, 2 standard banana plugs, 2 hooks, and 2 miniature alligator clips with boots.

**For use with:** All DMMs, Series 2400  
SourceMeter SMU Instruments



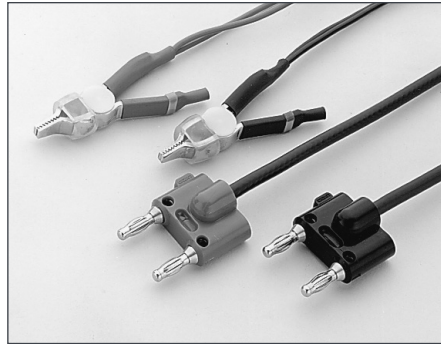
**2600-BAN:** 1 m (3.3 ft) banana test leads/adapter cable for a single Series 2600B SourceMeter channel (two needed for use with 2602B and 2612B). Provides safety banana connections to Hi, Sense Hi, Lo, Sense Lo, and guard.

**For use with:** 2601B, 2602B, 2611B, 2612B



**5804 Test Lead Set:** Designed to be used with Keithley instruments that measure 4-terminal resistance. Contains: 2 test leads, 0.9 m (36 in), red and black; 2 test clips, red and black; 2 plunger clip adapters, red and black; 2 alligator clips with boots (accept standard test probe tip); 2 alligator clips with boots (barrels accept standard banana plugs).

**For use with:** Series 2400 SourceMeter<sup>®</sup> SMU Instruments, 2750, DMMs



**5806 Kelvin Clip Lead Set:** 2 clip test leads, red and black, 0.9 m (36 in) with banana plug termination. Designed to be used with Keithley instruments that measure 4-terminal resistance. Maximum jaw opening 1/2 in. A package of 8 replacement elastic bands (P/N 5806-306B) is available.

**For use with:** Series 2400 SourceMeter SMU Instruments, 2750, DMMs



**6517-RH Humidity Probe:** The 6517-RH comes with a 3 m (10 ft) extension cable and is designed to be used with the 6517B Electrometer. The 6517-RH measures the relative humidity of the testing environment.

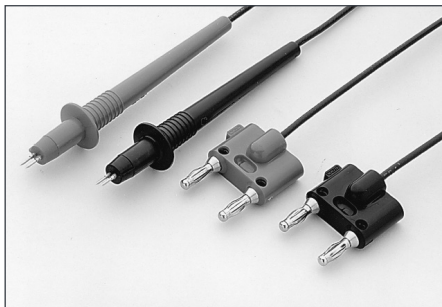
**Operating Temperature Range:** -10°C to +60°C

**Operating Humidity Range:** 0 to 100% RH

**Measuring Range:** 10 to 90% RH

**Temperature Dependence:** <±2% from -10°C to +60°C

**For use with:** 6517A and 6517B Electrometers



**5805 Kelvin Probes:** 2 spring-loaded test probes, red and black, 0.9 m (36 in) with banana plug termination. Designed to be used with Keithley instruments that measure 4-terminal resistance and in-circuit current. 1/8-in spacing between pin tips. A package of 8 replacement contacts (P/N CS-551) is available.

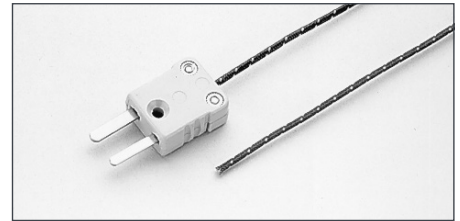
**5805-12:** Similar to 5805 but 3.6 m (12 ft) in length.

**For use with:** Series 2400 SourceMeter SMU Instruments, 2750, DMMs



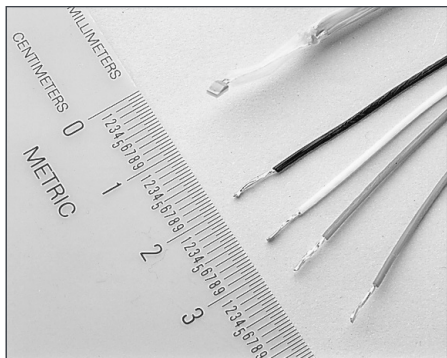
**5808 Low Cost, Single Pin, Kelvin Probes:** Two 1.17 m (46 in) long, single fixed pin probes with source and sense leads per probe and color coded standard safety banana plugs. Designed for applications requiring Kelvin resistance measurements with the convenience of a single point of circuit contact. The Kelvin connection at the base of each probe pin results in very low resistance errors, eliminating all wire and probe body resistance. For the highest precision sensing applications, use the 5805, 5806, or 5809 for complete control over sensing point placement.

**For use with:** 2700, 2701, 2750, Series 2400, DMMs



**6517-TP Thermocouple Bead Probe:** Designed to be used with the 6517B Electrometer, the 6517-TP measures the temperature of the testing environment. 6517-TP is 36 in. long and has a temperature calibration (range) of 0°C to 1250°C. Type K thermocouple.

**For use with:** 6517A and 6517B Electrometers and 2110 DMM

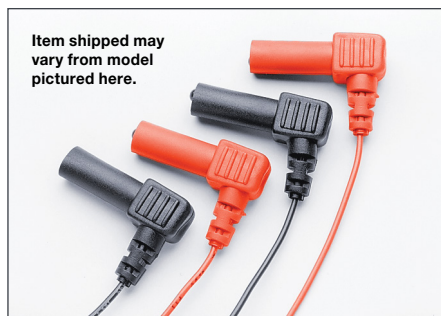


**8681 Low Cost RTD:** This inexpensive RTD has small size (0.09 in × 0.09 in) and fast thermal response time. 100 Ω, 0.385%/°C element. Meets or exceeds DIN 43760-1980-A, IEC 751:1983-A, BS1904: 1984-A, and JIS C1604-1981-0.2. Can be used with 8680 RTD Input Probe Adapter. Measures from -200° to +600°C.

**Length:** 0.9 m (3 ft).

**Accuracy:**  $\pm(0.15^{\circ}\text{C} + 0.002 \times |t|)^{\circ}\text{C}$ , where  $|t|$  is absolute value of temperature in °C.

**For use with:** 2001, 2002, 2010 DMMs (with 8680), 7700, 7702, 7706, 7708



**CA-109A Test Lead Set:** For output connections (two red, two black).

**For use with:** 2000-SCAN, 2001-SCAN, 2001-TCSCAN

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