



Expand your testing capability or update your tools with these test lead sets and kits. Designed for industrial, electrical, and electronic needs, these collections range from starter to master test lead selections.

TLK-225

Test lead sets and kits

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Test lead sets and kits compatibility chart

Model number	TL27	TL80A	TL81A	TL220	TL223	TL225	TL238	TLK-220	TLK-225	TLK287	TLK289	TLS430
10/11/12/12B	•	•	•	•	•	•	•	•	•	•	•	•
110/111/112	•	•	•	•	•	•	•	•	•	•	•	•
114/115/116/117	•	•	•	•	•	•	•	•	•	•	•	•
20/70 Series	•	•	•	•	•	•	•	•	•	•	•	•
27	•	•	•	•	•	•	•	•	•	•	•	•
70/73 III	•	•	•	•	•	•	•	•	•	•	•	•
175/177	•	•	•	•	•	•	•	•	•	•	•	•
179	•	•	•	•	•	•	•	•	•	•	•	•
80 Series III/83V	•	•	•	•	•	•	•	•	•	•	•	•
87/89 IV	•	•	•	•	•	•	•	•	•	•	•	•
87V	•	•	•	•	•	•	•	•	•	•	•	•
187/189	•	•	•	•	•	•	•	•	•	•	•	•
287/289	•	•	•	•	•	•	•	•	•	•	•	•
45/8845/8846	•	•	•	•	•	•	•	•	•	•	•	•
39/41B	•	•	•	•	•	•	•	•	•	•	•	•
43B	•	•	•	•	•	•	•	•	•	•	•	•
90 Series	•	•	•	•	•	•	•	•	•	•	•	•
120 Series	•	•	•	•	•	•	•	•	•	•	•	•
190 Series	•	•	•	•	•	•	•	•	•	•	•	•
321/322	•	•	•	•	•	•	•	•	•	•	•	•
330 Series	•	•	•	•	•	•	•	•	•	•	•	•
705/707	•	•	•	•	•	•	•	•	•	•	•	•
712/713	•	•	•	•	•	•	•	•	•	•	•	•
715	•	•	•	•	•	•	•	•	•	•	•	•
716/717	•	•	•	•	•	•	•	•	•	•	•	•
718	•	•	•	•	•	•	•	•	•	•	•	•
725/726	•	•	•	•	•	•	•	•	•	•	•	•
741/743	•	•	•	•	•	•	•	•	•	•	•	•
744	•	•	•	•	•	•	•	•	•	•	•	•
787/789	•	•	•	•	•	•	•	•	•	•	•	•
1577/1587	•	•	•	•	•	•	•	•	•	•	•	•

(compatible with 430 Series Power Quality Analyzer)

Clips and probes compatibility chart

Model number	TL27	TL80A	TL81A	TL220	TL223	TL225	TL238	TLK-220	TLK-225	TLK287	TLK289
AC72		•	•								
AC87	•		•	•	•	•	•	•	•	•	•
AC89	•		•	•	•	•	•	•	•	•	•
AC220	•		•	•	•	•	•	•	•	•	•
AC280	•		•	•	•	•	•	•	•	•	•
AC283	•		•	•	•	•	•	•	•	•	•
AC285	•		•	•	•	•	•	•	•	•	•
TLK290			•	•	•	•	•	•	•	•	•
TLK291			•	•	•	•	•	•	•	•	•
TP1	•		•	•		•	•	•	•	•	•
TP2	•		•	•	•	•	•	•	•	•	•
TP4	•		•	•	•	•	•	•	•	•	•
TP38	•		•	•	•	•	•	•	•	•	•
TP74	•		•	•	•	•	•	•	•	•	•
TP80	•		•	•	•	•	•	•	•	•	•
TP220	•		•	•	•	•	•	•	•	•	•
TP912											
TP920		•	•								
T5 Starter Kit	(compatible with T5/T+/T+Pro/330 Series Clamp Meters)										
TP165X	(compatible with 1503/1507/1577/1587/1650 Series)										



TLK289

NEW! TLK289 Industrial Master Test Lead Set

Designed for electrical and electronics testing in today's industrial environment including clips and probes for dependable contact with a variety of test points. Includes eight items:

- One pair each (red, black)
 - AC285 SureGrip™ Alligator Clips
 - AC220 SureGrip™ Alligator Clips
 - AC280 SureGrip™ Hook Clips
 - TP220 SureGrip™ Industrial Test Probes
- TPAK ToolPak™
- 80BK-A Integrated DMM Temperature Probe
- C116 Soft Carrying Case

NEW! TLK287 Electronics Master Test Lead Set

The perfect test lead set for today's electronics test and design. Includes 11 items:

- Precision electronic probes with multiple spring-loaded sharp tips to maximize contact with SMD test points
- Micro-grabbers and leads to enable fine SMD testing
- Mini-alligator clips, grabbers, and probes for virtually every electronics need
- Modular test leads and lead-probe combinations
- Couplers for long lead applications



TLK287

Test lead sets and kits



TL81A

TL81A Deluxe Electronic Test Lead Kit

This 11-item kit includes pouch and two each (red, black) of:

- Test leads with a safety-shrouded, right angle banana connector on one end and a stainless steel test probe on the other. Rated up to 10 A.
- Insulated alligator clips. Rated up to 5 A
- Insulated probe tip extenders. Rated up to 3 A
- Modular test probes with banana connector. Rated up to 10 A
- Modular hook-style clip test leads. Rated up to 5 A
- Modular pinch-style clip test leads. Rated up to 5 A
- Modular alligator clips. Rated up to 5 A
- Slide-on IC probe tip adapters (rated up to 3 A) and test lead couplers
- Bare spade lug. Rated to 10 A

TL220 SureGrip™ Industrial Test Lead Set

Handy all-in-one set that includes essential test items for industrial environments. Three-item set includes:

- AC220 SureGrip™ Alligator Clips
- TP220 SureGrip™ Industrial Test Probes
- TL222 SureGrip™ Silicone Insulated Test Leads
- Safety rating: all CAT IV 600 V, CAT III 1000 V



TL80A



TL220

TL80A Basic Electronic Test Lead Kit

The fundamental accessories for testing are included in this four-item kit.

- TL71 Premium Test Lead Set
- C75 Accessory Case
- Safety rating: CAT II 300 V

TLK-225 SureGrip™ Master Accessory Set

Set includes all the SureGrip™ leads, clips, and probes in a handy roll-up pouch. This 13-item set includes:

- AC220 SureGrip™ Alligator Clips
- AC280 SureGrip™ Hook Clips
- AC283 SureGrip™ Pincer Clips
- AC285 SureGrip™ Alligator Clips
- TP220 SureGrip™ Industrial Test Probes
- TL224 SureGrip™ Insulated Test Leads
- Six-pocket storage pouch
- Safety rating: all CAT IV 600 V, CAT III 1000 V

TL223 SureGrip™ Electrical Test Lead Set

All-in-one set includes three test lead accessories:

- AC220 SureGrip™ Alligator Clips
- TP1 Slim Reach Test Probes (flat-bladed)
- TL224 SureGrip™ Insulated Test Leads
- Safety rating: all CAT IV 600 V, CAT III 1000 V



TLK-225



TL223



TLK-220

TLK-220 US SureGrip™ Industrial Test Lead Kit

Special-value SureGrip™ five-piece kit for industrial applications, in a roomy carrying case. Kit includes:

- AC220 SureGrip™ Alligator Clips
- AC285 SureGrip™ Alligator Clips
- TP220 SureGrip™ Industrial Test Probes
- TL224 SureGrip™ Insulated Test Leads
- C116 zippered vinyl case with moveable divider
- Safety rating: all CAT IV 600 V, CAT III 1000 V

T5 Starter Kit

Special-value three-piece kit for the electrical professional with a Fluke T5 Voltage, Continuity and Current Tester. Kit includes:

- TP220 SureGrip™ Industrial Test Probes
- AC285 SureGrip™ Alligator Clips
- C33 Soft Carrying Case
- Safety rating: all CAT IV 600 V, CAT III 1000 V

TLK291 Fused Test Probe Set

One pair (red, black) fused test probes offer added measurement protection by providing firm and secure contact. Probes fit on modular leads or on fixed-lead test tools.

- Each probe contains a 500 mA/1000 V/50 kA fuse
- Safety rating: CAT IV 600 V, CAT III 1000 V



TLK291



T5 Starter Kit

TL238 SureGrip™ Test Lead Set for High Energy Environments

This kit is specially designed for high energy environments. Three-piece kit includes:

- TP238 SureGrip™ Insulated Test Probe Set
- TP280 SureGrip™ Test Probe Extender
- TL224 SureGrip™ Insulated Test Leads
- Safety rating:
 - TP238 and TL224: CAT IV 600 V, CAT III 1000 V, 10 A
 - TP280: CAT III 1000 V, 10 A

TL225 SureGrip™ Stray Voltage Adapter Test Lead Kit

The Fluke TL225 adds low input impedance to a multi-meter, desensitizing it to low energy and eliminating ghost or stray voltages. Four-piece kit includes:

- SV225 Stray Voltage Adapter
- TL224 SureGrip™ Insulated Test Leads
- TP220 SureGrip™ Industrial Test Probes
- C75 Accessory Case
- Safety rating: All CAT IV 600 V, CAT III 1000 V, 10 A

For more information on the adapter, see page 43.



TL225



TL238

TLK290 Flexible Socket Probe Set

Set includes three flexible socket probes and a large alligator clip for use with 4 mm (0.16 in) shrouded test leads.

- Test probes are for use on motor and three-phase sockets
- Probes have flexible test points that fit securely between 4 mm and 8 mm (0.16 in and 0.32 in) sockets
- Alligator clip opening: 20 mm (0.8 in)
- Safe contact such as in CEE 16 A and CEE 32 A plugs
- Safety rating: CAT IV 600 V, CAT III 1000 V, 8 A

TLS430 Test Leads and Alligator Clips

Test lead replacement set for the Fluke 430 Series Three-Phase Power Quality Analyzers.

- Set includes five each (4 black, 1 green) of test leads and alligator clips
- Safety rating: CAT IV 600 V, CAT III 1000 V



TLK290



TLS430