FLUKE ®

Industrial Test Leads, **Probes & Clips**

Test Leads

TL71 Premium Test Lead Set

- One pair (red, black) comfort grip probes with silicone insulated, right-angle test leads
- Recommended for μV measurements
- CAT IV 600 V. CAT III 1000 V, 10 A rating. UL listed

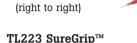


TL221 SureGrip™ **Extension Lead Set**

- One pair (red, black) of silicone insulated leads with straight connectors on both ends
- Reinforced strain relief
- Includes one pair (red, black) of female couplers
- Extends test leads by 1.5 m
- 600 V CAT IV, 1000 V CAT III, 10 A rating. UL listed



Kits



TL220 SureGrip™

Electrical Test Lead Kit Handy all-in-one kit that includes

TL238 SureGrip™ High Energy Test

• TL224 SureGrip™ Silicone Test Lead Set

TP238 SureGrip™ Insulated Tip

Test Probes with less than 4

mm of exposed metal (GS38)

with flexible removable

TP280 20 cm Test Probe

finger banner

Extenders

Accessory Kit

- AC220 SureGrip™ Alligator Clip Set
- TP1 Slim-Reach™ Test Probes (flat bladed)
- TL224 SureGrip™ Silicone Test Lead Set (straight to right)

Lead Kit Kit includes:



TL75 Hard Point™ Test Lead Set

- One pair (red, black) comfort grip probes with PVC insulated, test leads with rightangle shrouded banana plugs
- Recommended for general purpose measurements
- CAT IV 600 V, CAT III 1000 V. 10 A rating. UL listed

TL222 SureGrip™ Silicone Test Lead Set

- DMM test leads (red, black) with safety shrouded, standard diameter banana plugs
- Right angle connector on both ends
- Reinforced strain relief
- 1.5 meter silicone-insulated wire resists heat & cold
- CAT IV 600 V, CAT III 1000 V, 10 A rating. III. listed

TL224 SureGrip™ Silicone Test Lead Set

- DMM test leads (red. black) with safety shrouded, standard diameter banana plugs
- Right angle connector on one end and straight connector on the other
- Reinforced strain relief
- 1.5 meter silicone-insulated wire resists
- CAT IV 600 V, CAT III 1000 V, 10 A rating. UL listed

heat & cold

TL27 Heavy Duty Test Lead Set

- DMM test leads (red, black) with safety shrouded, standard diameter banana plugs
- Heavy duty EPDM insulation
- Length 1.5 m
- CAT III 1000 V, 10 A rating. UL listed

TLK-220 EUR SureGrip™

Handy all-in-one kit that includes:

- AC220 SureGrip™ Alligator Clip Set
- AC285 SureGrip[™] Large Jaw Alligator Clip Set
- TP74 Slim Reach Test Probe Set (4 mm)
- TL224 SureGrip™ Silicone Test Lead Set
- Large zippered soft case with moveable divider

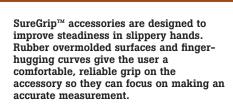
TLK-225 SureGrip™ **Master Accessory Kit**

leads and probes in a handy

- AC280 SureGrip™ Hook Clip Set
- AC283 SureGrip™ Pincer Clip Set
- AC285 SureGrip™ Large Jaw Alligator Clip Set
- TP220 SureGrip™ Test Probe Set
 TL224 SureGrip™ Silicone Test Lead Set
- 6-Pocket Storage Pouch



- silicone test leads with right angle shrouded banana plug
- Lantern tip (removable) for use with European wall sockets (4 mm Ø)
- Lantern tip can be removed for easy access to terminal blocks (2 mm Ø)
- · Removable, insulated IC caps allow probing on closely spaced leads and compliance with GS38.
- Cat IV 600 V, CAT III 1000 V, 10 A rating, UL listed









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Kits

ACC-T5-KIT Accessory Kit for use with T5

This kit completes the offering of a T5 with add-on probes and carrying case.

- TP220 SureGrip™ Test Probe Set
 AC285 SureGrip™ Large Jaw Alligator Clip Set
- C33 Soft Meter Case



L215 SureGrip™ Kit with Probe Light and Extender

- L200 Probe Light
- TP280 20 cm Test **Probe Extenders**
- TP220 SureGrip Test Probes
- TL224 SureGrip Silicon Test Lead Set
- Foldable soft pouch with six pockets and hook-and-loop



(for use with Modular Test Leads)

TP220 SureGrip™ Test Probe Set

- One pair (red, black) of Industrial test probes
- Sharp, 12 mm stainless steel tip provides reliable contact
- Flexible finger barrier improves arip
- Recommended for use with TL222 and TL224 test leads
- CAT IV 600 V; CAT III 1000 V, 10 A rating. UL listed

TP74 Lantern Tip Test Probe Set

- One pair (red, black)
- Tips include banana-style spring contacts with nickel-plated brass ends
- CAT III 1000 V, 10 A rating. III. listed

TLK290 Test Probe Kit

- Kit includes three flexible socket probes and a large alligator clip
- To be used on three phase
- Probes have flexible width test points that fit securely in 4 to 8 mm sockets.
- CAT III 1000 V, 8 A

Modular Test Probes

(for use with Modular Test Leads)

TP1, TP4, TP38 SlimReach Test Probe Sets

- · One pair (red, black) of slender probes for closely spaced or recessed terminals
- TP1: Flat blade design to hold securely in blade type wall sockets
- TP2: 2 mm diameter tip for electronics work. Also compatible with AC72.
- TP4: 4 mm diameter tip designed to fit into IEC wall outlets
- TP38: Insulated probe tip (designed to meet GS38 specs for United Kingdom).
- CAT IV 600 V, CAT III 1000 V, 10 A rating, UL listed

TP80 Electronic Test Probe Set

Recommended for use with TL222 and TL224

- One pair (red, black)
- IC insulated cap prevents shortening of IC legs for probing high density components or boards
- CAT III 1000 V, 10 A rating. UL listed

Modular Clips

(for use with Modular Test Leads)

AC220 SureGrip™ Alligator Clip Set

- One pair (red, black) of small, insulated, nickel plated jaws
- Blunt tip grabs round screw heads up to 9.5 mm
- Recommended for use with TL222 and TL224 test leads
- CAT IV 600 V. CAT III 1000 V, 10 A rating. UL listed

AC280 SureGrip™ Hook Clip Set

- One pair (red, black) of nickel plated clips
- Profile narrows to 5.6 mm at tip, hook opening 6.4 mm at front, 2 mm at base
- Recommended for use with TL222 and TL224 test leads
- CAT IV 600 V, CAT III 1000 V, 3 A rating. UL listed

AC283 SureGrip™ Pincer Clip Set

- · One pair (red, black) of nickel plated pincers open to 5 mm
- 11.4 cm flexible insulated shaft
- · Recommended for use with TL222 and TL224 test leads
- CAT IV 600 V, CAT III 1000 V, 1 A rating. UL listed

Modular Clips

(for use with Modular Test Leads)

AC285 SureGrip™

Large Jaw Alligator Clip Set

- One pair (red, black) of large alligator clips with nickel-plated steel jaws
- Multi-purpose tooth pattern grips anything from fine gauge wire to a 20 mm bolt
- Recommended for use with TL222 and TL224 test leads
- CAT IV 600 V; CAT III 1000 V, 10 A rating. III. listed

AC87 Heavy Duty Bus Bar Clip Set

- One pair (red, black) of flat, right angle design for connecting to bus bars
- Adjustable collar provides 2 ranges of jaw openings up to 30 mm
- CAT III 600 V, 5 A rating. UL listed

AC89 Heavy Duty Insulation Piercing Test Clip

- Single probe pierces 0.25 to 1.5 mm insulated wire
- Small pin allows selfhealing of the insulation
- CAT IV 600V, CAT III 1000 V, 5 A rating.

TLK291 Fused Test

Probe Set

- · One pair (red, black) fused test probes
- Designed to meet GS38 specs for United Kingdom
- CAT III 1000V, 0.5A
- Fuse rating: 500 mA/1000 V/FF/50 kA

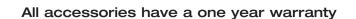
Push-on Clip

(for use with TL71 and TL75 Test Lead Sets)

AC72 Alligator Clip Set

- · Slide-on alligator clips (red, black) for TL71/TL75
- Jaws provide 8 mm opening
- CAT IV 600 V, CAT III 1000 V, 10 A rating. UL listed





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Electronic Test Leads, **Probes & Clips**

Test Leads

TL910 Electronic Test Lead Set

- Very small 1 mm tips to access hard to reach test points
- Probe tip length up to 100 mm, test lead length: 1
- Included: 3 sets of spring loaded gold tips and 2 sets of stainless steel tips
- CAT IV 600 V, CAT III 1000 V, 3 A rating

Test Leads

TL960 Micro-Hook Test Lead Set

- 1 pair (red, black) of test leads with multi-stacking 4 mm banana plugs and micro-hooks
- Micro-hooks attach to component leads up to 1 mm diameter
- 90 cm long PVC insulated leads
- 30 V rms or 60 V DC, 15 A

Kits

TP920 Test Probe Adapter Kit

- Set of push-on adapters for TL71 and TL75 test probes
- IC test adapters, extended probe tips, medium alligator clips (max.opening 7.6 mm)
- CAT II 300 V, 5 A rating



TP912 Replacement Tips for TL910

- Replacement tips for TL910
- Five sets of gold plated and stainless steel tips

Patch Cords

TL930 Patch Cord Set (60 cm)

- 1 pair (red, black) multi-stacking 4 mm banana plug patch cords
- Nickel-plated banana plugs
- 61 cm long PVC insulated leads
- 30 V rms or 60 V DC, 15 A



- TL950 Mini-Pincer Test Lead
- TL960 Micro-Hook Test Lead Set



TL40 Retractable Tip Test Lead Set

- One pair (red, black) of test leads with sharp needle point tips adjustable to desired length from 0 to 76 mm
- Extra hard probe tips to provide long service life
- Flexible silicone insulated test
- CAT II 150 V, 3 A rating, UL listed

TL932 Patch Cord Set (90 cm)

- 1 pair (red, black) multistacking 4 mm banana plug patch cords
- Nickel-plated banana plugs
- 90 cm long PVC insulated leads
- 30 V rms or 60 V DC, 15 A

TL80A Basic Electronic Test Lead Kit

- One pair (red, black) each 1 meter long silicone test lead set. alligator clip and probe tip extender.
- C75 soft carrying case
- CAT II 300 V. UL listed



TL940 Mini-Hook Test Lead Set

- 1 pair (red, black) of test leads with multi-stacking 4 mm banana plugs and mini-hooks
- · Mini-hooks attach to component leads up to 1.5 mm diameter • 90 cm long PVC
- insulated leads
- 30 V rms or 60 V DC, 15 A

TL935 Patch Cord Kit (60, 90, 120 cm)

- 3 sets (red and black pairs) of multi-stacking 4 mm banana plug patch cords
- Nickel-plated banana plugs
- 60 cm, 90 cm, 120 cm long PVC insulated leads
- 30 V rms or 60 V DC, 15 A

TL81A Deluxe Electronic Test Lead Kit

- Includes components of TL80, plus one pair (red, black) each
- modular 1 meter long silicone test lead, test probe, hook-style and pinch style clip, alligator clip, IC probe
- tip adapter and spade lugs
- Quadfold soft carrying case
- CAT II 300 V. UL listed

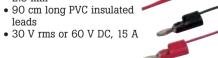


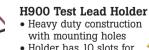
BP980 Double Banana Plug Kit

- 5 pair (red. black) of double 4 mm banana plugs
- Each plug has 3.1 mm holes for mounting wires and components
- Brass plugs/jack, beryllium copper springs
- 30 V rms or 60 V DC, 15 A

TL950 Mini-Pincer Test Lead Set

- 1 pair (red, black) of test leads with multi-stacking 4 mm banana plugs and mini-pincers
- Mini-pincers open to 2.3 mm





wires up to 8 mm in diameter



L x 8.9 cm W x 3.2 cm H