

# 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  $\mu$ V measurements
- CAT IV 600 V, CAT III 1000 V, 10 A rating. UL listed



### TL75 Hard Point™ Test Lead Set

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



### TL76 All-in-one Test Lead Set

- One pair (red, black) 1.5 meter long silicone test leads with right angle shrouded banana plug
- Lantern tip (removable) for use with European wall sockets (4 mm  $\varnothing$ )
- Lantern tip can be removed for easy access to terminal blocks (2 mm  $\varnothing$ )
- 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



**New**

## Modular Test Leads

### 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



### 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. UL 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 heat & cold
- CAT IV 600 V, CAT III 1000 V, 10 A rating. UL listed



### 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



## Kits

### TL220 SureGrip™ Industrial Test Lead Kit

- Handy all-in-one kit that includes :
- AC220 SureGrip™ Alligator Clip Set
  - TP220 SureGrip™ Test Probe Set
  - TL222 SureGrip™ Silicone Test Lead Set (right to right)



### TL223 SureGrip™ Electrical Test Lead Kit

- Handy all-in-one kit that includes :
- AC220 SureGrip™ Alligator Clip Set
  - TP1 Slim-Reach™ Test Probes (flat bladed)
  - TL224 SureGrip™ Silicone Test Lead Set (straight to right)



**New**

**SureGrip™ accessories are designed to improve steadiness in slippery hands. Rubber overmolded surfaces and finger-hugging curves give the user a comfortable, reliable grip on the accessory so they can focus on making an accurate measurement.**

# Industrial Test Leads, Probes & Clips

## Modular Test Probes

(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 grip
- 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. UL listed



### TP1 Slim Reach Test Probe Set

- One pair (red, black) of slender probe bodies for probing closely spaced or recessed terminals
- Hard stainless steel probe tips
- Flat blade design to hold securely in blade type electrical wall sockets.
- CAT IV 600 V, CAT III 1000 V, 10 A rating. UL listed



### TP2 Slim Reach Test Probe Set

- One pair (red, black) of slender probe bodies for probing closely spaced or recessed terminals
- Hard stainless steel probe tips
- 2 mm diameter tip for electronics work. Also compatible with AC72
- CAT IV 600 V, CAT III 1000 V, 10 A rating. UL listed



### TP4 Slim Reach Test Probe Set

- One pair (red, black) of slender probe bodies for probing closely spaced or recessed terminals
- Hard stainless steel probe tips
- 4 mm diameter probe tip designed to fit securely into IEC electrical wall outlets
- CAT IV 600 V, CAT III 1000 V, 10 A rating. UL listed



## Modular Test Probes

(for use with Modular Test Leads)

### TP 38 Slim Reach Test Probe Set

- One pair (red, black) of slender probe bodies for probing closely spaced or recessed terminals
- Hard stainless steel probe tips
- 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 6.4mm 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™ 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. UL listed



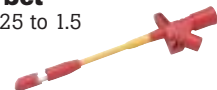
### AC87 Heavy Duty Bus Bar Clip Set

- 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 Set

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



## 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



**New**

All accessories have a one year warranty