

# Test Leads, Probes & Clips

## Modular Leads

### TL21A Extension Lead Set

- Extends test leads by 1.5 m
- One pair (red, black) silicone insulated leads
- One pair (red, black) female couplers
- CAT III, 1000V, 10A rating. UL listed



### TL22 Test Leads

- DMM test leads (red, black) with safety shrouded, standard diameter banana plugs.
- Includes right-angle connector on both ends
- CAT III, 1000V, 10A rating. UL listed



### TL24 Test Leads

- DMM test leads (red, black) with safety shrouded, standard diameter banana plugs.
- Includes right-angle connector on one end and straight connector on the other.
- CAT III, 1000V, 10A rating. UL listed



## Kits

### TL20 Industrial Test Lead Set

- One pair each of TL22 silicone test leads, AC20 heavy duty alligator clips and TP20 sharp industrial test probes
- CAT III, 1000V, 10A rating.



### TL23R & TL23F Electrical Test Leads Sets

- One pair each of TL24 silicone test leads, AC20 heavy duty alligator clips and TP4 4mm Slim-Reach™ test probes (TL23R) or TP1 flat bladed Slim-Reach™ test probes (TL23F)
- CAT III, 1000V, 10A rating.



### TL80A Basic Electronic Test Lead Set

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



### TL81A Deluxe Electronic Test Lead Set

- 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, 300V. UL Listed



Leads, Probes and Clips Compatibility Chart

	7-300 / 7-600	10 / 11 / 12 / 12B	16	27	70 Series III	73 Series III	21/75 Series III	23/77 Series III	26/79 Series III	8060A / 8062A	83 Series III	85 Series III	87 Series III	187 Series	189 Series	867B	39 / 41B	123	190 Series	43	45	50S/50D	51/52/53/54 series II	30 / 31 / 32 / 33 / 36	705	712	713	714	715	716	717	718	724	725	741B	743B	744	787		
<b>Kits</b>																																								
TL20	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●															
TL23R/TL23F	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●															
TL80A/81A*	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●															
<b>Modular leads</b>																																								
TL21	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●															
TL22	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●															
TL24	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●															
<b>Molded Lead and Probe Sets</b>																																								
TL71	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●															
TL74	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●															
TL75	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●															

\*CAT II, 300V

# Test Leads, Probes & Clips

## Test Leads & Probe Sets

### TL71 Premium Test Lead Set

- One pair (red, black) comfort grip probes with silicone insulated, right-angle test leads
- Replacement test leads for 80 Series IV DMMs
- Recommended for uV measurements
- CAT III, 1000V, 10A rating. UL listed



### TL74 4 mm Diameter Test Lead Set

- One pair (red, black) 1.5 meter long silicone test leads with 4 mm spring probe tips for probing standard banana plugs
- Removable, insulated IC caps allow probing on closely spaced leads
- CAT III, 1000V. 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 III, 1000V, 10A rating. UL listed



## Modular Probes & Clips

### AC20 Heavy Duty Alligator Clips

- One pair (red, black) safety grip, spring loaded alligator clips
- Insulated jaws with wide 20 mm opening
- CAT III, 1000V, 10A rating.



### AC70A Alligator Clips

- Slide-on alligator clips (red, black) for test probes with 1.93 mm to 2.13 mm long tips
- Gold-plated jaws provide 8mm opening
- CAT III, 600V, 10A rating.



### AC80 Heavy Duty Hook-Style Test Clips

- One pair (red, black) safety grip, spring loaded hook clips
- Hook opening is 10mm x 2mm
- CAT III, 1000V, 3A rating.



### AC83 Heavy Duty Pin-Grabber Test Clips

- One pair (red, black) safety grip, spring loaded pin grabber hooks
- Flexible shaft is 100mm long and grabber extends 9.5mm
- CAT III, 1000V, 1A rating.



### TP74 Lantern Tip Test Probes

- One pair (red, black)
- Tips include banana-style spring contacts with nickel-plated brass ends
- Category III, 1000V, 10A rating
- Use with TL22 and TL24 Test leads



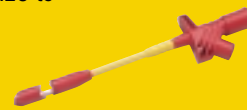
### AC85A Large Jaw Alligator Clips

- One pair (red, black) fully insulated banana jack alligator clips
- Curved jaw (20 mm opening), strong teeth and spring provide superior grip
- CAT III, 600V, 10A rating.



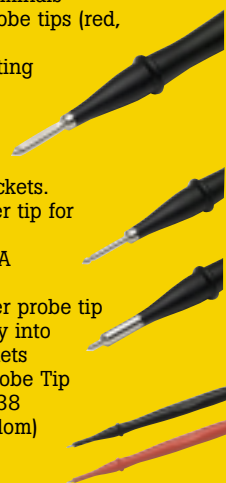
### AC89 Heavy Duty Insulation Piercing Test Clip

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



### TP1, TP2, TP4 & TP38 Slim Reach Test Probes

- Slender probe bodies for probing closely spaced or recessed terminals
- Hard stainless steel probe tips (red, black)
- CAT III, 1000V, 10A rating. UL listed.
- **TP1** has a flat blade design to hold securely in blade type electrical wall sockets.
- **TP2** has 2mm diameter tip for electronics work. Also compatible with AC70A alligator clips
- **TP4** has 4mm diameter probe tip designed to fit securely into IEC electrical wall outlets
- **TP38** has Insulated Probe Tip (Designed To Meet GS38 Specs for United Kingdom) Use with TL22 and TL24 Test leads



### TP20 Industrial Test Probes

- One pair (red, black)
- Extra long, very sharp stainless steel tips for probing recessed components and piercing insulation
- CAT III, 1000V, 10A rating.



### TP80 Electronic Test Probes

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





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