

Left to right: AC283, AC280, TP175, AC285, AC220, and TL224

Clips and probes compatibility chart

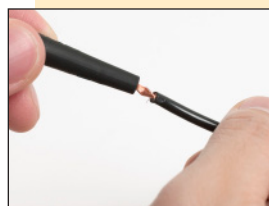
Model number	TL71	TL75	TL76	TL221	TL222	TL224	TL910
AC175	•	•	•				
AC87				•	•	•	
AC89				•	•	•	
AC220				•	•	•	
AC280				•	•	•	
AC283				•	•	•	
AC285				•	•	•	
AC288				•	•	•	
FTP-1				•	•	•	
TLK290				•	•	•	
TLK291				•	•	•	
TP1				•	•	•	
TP2				•	•	•	
TP4				•	•	•	
TP38				•	•	•	
TP74				•	•	•	
TP80				•	•	•	
TP175				•	•	•	
TP220				•	•	•	
TP912							•
TP920	•	•					
T5 Starter Kit	(compatible with T5/T+/T+Pro/330 Series Clamp Meters)						
TP165X	(compatible with 1503/1507/1577/1587)						

Did you know?

Because they are an integral part of the complete measurement system, worn or under-rated test leads can cause inaccurate readings and pose a serious shock or electrocution hazard if live wires are read as being de-energized.

To avoid these risks, use these precautions:

- Use the correct test probe for the application. Confirm that your meter and test accessory safety ratings meet or exceed the voltage level you plan to test. See the “Electrical measurement category ratings for test tools” chart on page 11 of this catalog for more information.
- Inspect your test leads before use to ensure the insulation is not nicked or cracked from age. Typically, you should plan on replacing your test leads every 18 months.
- Ensure there are no gaps or cracks at the junction between the insulated wire and banana plugs or probes at each end of the lead.
- Conduct a simple ohms measurement to confirm that your tools are electrically reliable and carry a signal within allowable loss parameters.



Modular clips (for use with modular test leads)

Using modular test leads, this wide variety of clips allows the configuration of leads to individual needs.

AC285 SureGrip™

Alligator Clips

One pair (red, black) large alligator clips with insulated, nickel-plated steel jaws.

- Multi-purpose tooth pattern grips anything from fine gauge wire to a 20 mm (0.8 in) bolt
- Safety rating: CAT IV 600 V, CAT III 1000 V, 10 A

AC220 SureGrip™

Alligator Clips

One pair (red, black) of small, insulated, nickel-plated jaws.

- Blunt tip grabs round screw heads up to 9.5 mm (0.37 in)
- Safety rating: CAT IV 600 V, CAT III 1000 V, 10 A

AC280 SureGrip™

Hook Clips

One pair (red, black) nickel-plated hook-style clips.

- Profile narrows to 5.6 mm (0.22 in) at tip
- Hook opening 6.4 mm (0.25 in) at front
- Base opening of 0.2 mm (0.08 in)
- Safety rating: CAT IV 600 V, CAT III 1000 V, 3 A

AC283 SureGrip™

Pincer Clips

One pair (red, black) nickel-plated pincers open to 5 mm (0.2 in). Perfect for continuity testing on circuit board components such as diodes.

- 11.4 cm (4.49 in) flexible insulated shaft
- Safety rating: CAT IV 600 V, CAT III 1000 V, 1 A

AC89 Heavy Duty Insulation Piercing Test Clip

Ideal probe for establishing accurate contact through insulation.

- Pierces 0.25 mm to 1.5 mm (0.01 in to 0.06 in) insulated wire
- Safety rating: 1000 V, 10 A

AC87 Heavy Duty Bus Bar Clip Set

One pair (red, black) flat, right angle clips designed for connecting to bus bars.

- Adjustable collar provides two ranges of jaw openings up to 30 mm (1.18 in)
- Safety rating: CAT III 600 V, 5 A



AC280



AC283



AC285



AC89



AC220



AC87