

TA000 and TA020 – Automotive Test Leads



The TA000 test lead has been custom made for automotive use with [PicoScope automotive oscilloscopes](#). Its length (3 meters – approx 10 ft) allows the oscilloscope to be placed on the work bench away from the car being tested or repaired. A wide range of probes, clips and gators can be plugged into the 4 mm connectors at the end of the cable. The TA020 is 5 meter (approx 16ft) version of TA000.

TA007 – Piercing Clips



The TA007 Insulation Piercing Test Clip set is ideally suited for automotive test and diagnosis. The piercing clips allow the user to provide the exact pressure needed to pierce the insulation of a wide range of wire types and sizes. The clips also feature a rotating banana jack that prevents the test lead from twisting and keeps the oscilloscope in the circuit while the wire is pierced, providing immediate confirmation that contact with the conductor has been made.



TA001 – Multimeter Probes



The multimeter probes offer a quick and easy solution, where a permanent connection is not required. The 4 mm socket in the handle of the probe connects straight into the TA000 test lead.



TA003 – Small Crocodile (Gator) Clips



The crocodile clips are fully insulated with a 4 mm socket in the handle, offering an easy connection to the TA000 test lead. The toothed grip offers good contact on fine wire, with a 11 mm jaw opening limit.



TA005 – Large Dolphin (Gator) Clips



The crocodile clips are fully insulated with a 4 mm socket in the handle, offering an easy connection to the TA000 test lead. The toothed grip offers good contact on fine wire, with a 30 mm jaw opening limit.

MI078 - BNC to 4 mm Adapter



The BNC to 4 mm adapter connects two 4 mm (“banana”) plugs to a BNC socket. If you have a sensor such as a current clamp with 4 mm plug outputs, for example, this adapter allows you to plug it into a Pico PC Oscilloscope with a BNC input. The 4 mm sockets and BNC plug are fully shrouded for safety.

Specifications

Maximum voltage	500 V CAT I
Maximum current	3 A
Maximum resistance	0.8 mΩ
Material	Polyamide insulators (-20 °C to +80 °C), brass Ni ground contacts, brass Au / Co conductor
Length	63 mm (about 2.5 in)
Width	34 mm (about 1.4 in)
Height	18.5 mm (about 0.8 in)
Weight	24 g (about 1 oz)

TA016 – Shrouded to Unshrouded Adapter



Shrouded-to-unshrouded adapters are for use with plugging the TA000 test leads into older style break out boxes that are not designed for use with shrouded 4 mm connectors.

MI168 – S-hook



This small but essential accessory makes it easy to keep all those test leads tidy in the engine bay.

The S-hook is about 100 mm (4 in) long and coated in plastic and rubber to protect the vehicle's paintwork and your cables. Hook one end underneath the bonnet or hood, and use the other end to hang a bundle of cables up to about 25 mm (1 in) thick.