

Picoprobe®

BY GGB INDUSTRIES INC.

Tungsten Probe Tips

T-4 Series

T-4 tips are for use in most standard commercial micropositioners for probing integrated circuits, pads, or lines. GGB Industries, Inc., does not manufacture a probe amplifier for use with this tip.

Each T-4 tip uses the same 10, 22, 35, 60, or 125 micron diameter tungsten wire as our Model 12C Picoprobe®, but is mounted to a 0.020 inch diameter, 2 inch long copper shaft.

An advantage of the 10 and 22 micron models pointed out by some of our users is that because the tungsten probing wire is thin and flexible it minimizes damage to the integrated circuit and allows them to probe the device for a much longer period of time. The flexible T-4 tip remains in contact with the circuit even in the presence of probe table vibrations.

T-4 tips are not recommended for use on sensitive nodes where capacitance loading could be a problem. If you would like samples, please contact our office.



Scanning electron microscope photograph of a T-4-10 Tungsten point. (1 micron = 0.5 cm)

Part Number	Tungsten Wire Diameter	Point Radius
T-4-10	10 micron	<0.1 micron
T-4-22	22 micron	<1.0 micron
T-4-35	35 micron	<2.0 micron
T-4-60	60 micron	<3.0 micron
T-4-125	125 micron	<5.0 micron

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