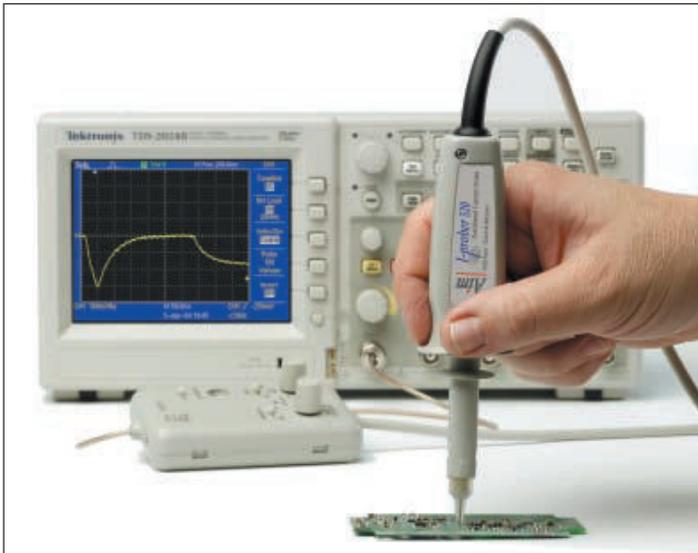




I-prober 520

Positional Current Probe
PCB Track - Touch & Measure

Note: Full technical details are available on the web site.



- ▶ Current measurement from non-contact probing of conductor
- ▶ Suitable for observation and measurement of current in PCB tracks, component leads and ground planes
- ▶ Wide dynamic range of 10mA to 20A peak to peak
- ▶ Wide bandwidth of DC to 5MHz
- ▶ Low noise equivalent to <math><6\text{mA rms}</math>
- ▶ Safety rated to 300V Cat II (600V Cat I)
- ▶ Suitable for connection to any oscilloscope
- ▶ High accuracy general purpose H-field probe
- ▶ Convertible into standard 'closed magnetic circuit' current probe

The I-prober 520 is supplied with a clip-on toroid assembly which converts it into a closed magnetic circuit probe for measuring current in a wire.

The toroid is open until the probe is attached, allowing insertion of the wire without disconnection.

The wide bandwidth, dynamic range and low noise of the probe are retained.



I-prober 520

- ▶ Current measurement by simple non-contact probing of PCB track
- ▶ DC to 5MHz bandwidth
- ▶ 10mA to 20A dynamic range
- ▶ Low noise figure



The I-prober 520 positional current probe is unlike any other current measurement device available.

Calibrated measurement of current normally requires the current to be passed through a closed magnetic loop. Typically this is done using some form of split clamp device. Whereas this is suitable for individual wires, it is of no use for measuring current in PCB tracks.

The I-prober 520 is a compact hand-held probe which is used with an oscilloscope. By placing the insulated tip of the probe onto a PCB track, the current flowing in the track can be observed and measured.

for more complete information:
www.aimtti.com/go/iprober