

Current Clamps

Pico Technology supply a range of non-contact current clamps for applications ranging from automotive diagnostics to energy studies. All the current clamps can be used with our oscilloscopes and come with either BNC or 4 mm connectors. The clamps with 4 mm plugs can also be used with multimeters.

Choosing BNC or 4mm

The 60 A AC/DC and 600 A AC/DC current clamps are available with either BNC or 4mm connectors. The BNC versions give superior noise rejection, ideal for use in noisy environments, and can be connected directly to any of our oscilloscopes. The 4 mm versions are suitable for use with our EL040 Current Monitor Converter or with multimeters, or can be connected to an oscilloscope through our TA000 or TA020 test leads.



60 A AC/DC

- 10 mA to 60 A current clamp
- Measures both AC and DC current
- Selectable voltage output:
1 mV per 10 mA, 1 mV per 100 mA
- 20 A and 60 A ranges



Description	Order No.
60 A AC/DC - BNC	PP264
60 A AC/DC - 4 mm	PP218

600 A AC/DC

- Measures currents up to 600 A
- Measures both AC (up to 400 Hz) and DC currents
- Low battery indicator



Description	Order No.
600 A AC/DC - BNC	PP266
600 A AC/DC - 4 mm	PP179

300 A AC

- 0.1 A to 300 A current clamp
- No batteries required
- Voltage output 1 mV AC per 1 A AC
- Supplied with 4 mm connectors



Description	Order No.
300 A AC	TA011

2000 A DC / 1500 A AC

- Suitable for measuring currents up to 2000 A DC or 1500 A AC.
- Supplied with 4 mm connectors



Description	Order No.
2000 A AC/DC	TA015

Oscilloscope Probes

Pico's ergonomically designed oscilloscope probes are suitable for use with the whole range of Pico PC Oscilloscopes.

The high-quality 60 MHz and 250 MHz passive oscilloscope probes offer accurate measurements at a low cost and are ideal for general-purpose use, whilst the active differential oscilloscope probe allows you to make floating voltage measurements using a standard oscilloscope.

Whether you require a passive or an active oscilloscope probe, the Pico range offers high-performance at an affordable price.

For more information on the oscilloscope probes Pico provides, please visit: <http://accessories.picotech.com>



60 MHz Oscilloscope Probe x1/x10

- Standard x1 / x10 oscilloscope probe
- 60 MHz bandwidth
- 10 megohm / 15 pF input
- 600 V max. input
- 1.2 metre (4 foot) cable



250 MHz Oscilloscope Probe x1/x10

- Standard x1 / x10 oscilloscope probe
- 250 MHz bandwidth
- 10 megohm / 11 pF input
- 600 V max. input
- 1.2 metre (4 foot) cable
- Calibrated version available for use with PicoScope 5203 and 5204



Differential Oscilloscope Probe X10/X100

- Active circuitry
- x10 / x100 switchable
- ± 70 V DC + peak AC (10:1)
- ± 700 V DC + peak AC (100:1)
- DC to 25 MHz bandwidth
- Accuracy $\pm 2\%$
- 4 megohm / 5.5 pF inputs to ground
- 4 AA cells or mains adapter



The probe permits a conventional earthed oscilloscope to measure signals that are not referenced to earth, enabling mains voltages to be tested. Ideal for investigation of motor speed controls, uninterruptible power supplies, switch mode power supplies and process controllers.

Description	Order No.
60 MHz Oscilloscope Probe, x1 / x10	MI007
250 MHz Oscilloscope Probe, x1 / x10	MI103
250 MHz probe calibrated for PicoScope 5203 & 5204	MI145
Differential Oscilloscope Probe, x10 / x100	MI053