

CT-1/CT-2 - CT-1/CT-2 Current Probes with P6041 BNC Probe Cable.

> Features

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AC Current Probes

CT-1 * CT-2 * CT-4

FEATURES

CT-1

- 25 kHz to 1 GHz
- 12 A Maximum Pulse Current
- 450 mA Maximum CW Current
- For 50 Ohm Input
- AC Only
- Solid Core
- ESD Testing
- Disk Drive Read/Write Signals

CT-2

- 1.2 kHz to 200 MHz
- 36 A Maximum Pulse Current
- 2.5 A Maximum CW Current
- For 50 Ohm Input
- AC Only
- Solid Core

CT-4

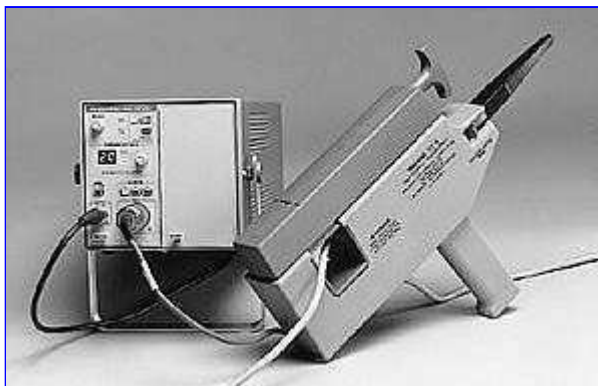
- Pulsed Currents to 20,000 A
- Continuous Currents up to 2000 A p-p
- Accepts 1.5 in. Diameter Conductors
- Measurements on Bare Conductors to 3000 V Peak (1000 Vrms) CAT III
- AC
- Split Core
- Use with A6312, A6302, A6302XL, P6021 or TCP202

CT-1/ CT-2 Current Probes

The CT-1 and CT-2 Current Probes are designed for permanent or semi-permanent in-circuit installation. Each probe consists of a current transformer and an interconnecting cable. The current transformers have a small hole through which a current carrying conductor is passed during circuit assembly.

The P6041 Probe Cable provides the connection between the CT-1 and CT-2 Current Transformers and a BNC oscilloscope input. A 50 Ohm termination is required to

terminate the cable when connected to a high impedance (1 megaohm) oscilloscope input. One probe cable can be used to monitor several current transformers that have been wired into a circuit.



CT-4

CT-4 Current Probe

The CT-4 is a robust clip-on high current transformer that extends the measurement capability of the P6021, A6302/XL, A6302, A6312 and TCP202 clip-on current probes. Maximum low frequency performance down to 0.5 Hz is obtained using the AM 503S. Current amplitudes to 20,000 A may be measured using the A6302/XL, P6021, A6302, A6312 or TCP202 (with passive termination), provided the amp* second ratings are not exceeded.

The CT-4 may be used with the P6021 for measurements at normal line frequency and above. (The P6022 and A6303 are not compatible with the CT-4.)

The CT-4 has receptacles for current probes in either 20:1 or 1000:1 step-down ratios.

The 1.5 in. square split-core opening makes it possible to clip onto large conductors without breaking the circuit under test. Insulated core and shield assemblies allow measurements on bare wires to 3000 V peak (1000 Vrms, CAT III), and to 14 kV with the included high voltage bushing.



Tektronix Measurement products are manufactured in ISO registered facilities.



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