

CLAMP ADAPTERS

Model CA60

AC/ DC mA Current Clamp (CA-60)

Tecpel CA-60 Miniature Clamp Meter is designed for use with any multimeter with 200mV or/and 2V ranges. Its small jaw size enables it to be used in very small confined spaces.

- This miniature clamp meter features two Hall effect sensors
- For use with any multi-meter with 200mV or/and 2V ranges. For direct readout, input impedance of least 1M ohm.
- High conversion factor for low DC and AC mA measurement.
- With the small jaw size it can be used in very confined spaces (eg circuit panel or wiring loom)
- The high frequency response at 20 kHz is useful for waveform monitoring on an oscilloscope.
- Zero adjustment is made easy by just pushing the ZERO button.
- It is best for locating small signal, industrial control, battery leakage, and automotive usage
- Monitor small signal, waveform and leakage



- CA-60 Specifications:
 - o 0 ~ 60 Amp DC or AC current
 - o 9mm conductor jaw opening capability, fits tight space
 - o Transformer ratio: 10:1, 100:1
 - o 1 mV/10mA or 1 mV/100mA conversion
 - o Frequency response to 20kHz
 - o Accuracy:
 - o DC A : $\pm 1.5\%$
 - o ACA : $\pm 2\%$ (40Hz ~ 2kHz)
 - o AC A : $\pm 4\%$ (2k ~ 10kHz)
 - o AC A : $\pm 6\%$ (10k ~ 20kHz)
 - o Output: 1mV/ 10mA, 1mV/ 100mA
 - o Monitor small signal, waveform and leakage
 - o Size: 7.7" x 2.8" x 1.3"
 - o Safety: Designed to meet IEC 100-1, IEC 1010-2-032 CE
- CA-06 Adapter (Option)
 - o BNC- Female 4mm Banana post adapter for receiving Signal output from CA-600 and able to be monitored by oscilloscope.



Model CA600

AC/ DC Current Clamp (CA-600)

Current Clamp Meter - Tecpel CA-600 Converts any Digital Multimeter to a current clamp, and is capable of measuring current without disconnecting the circuit under test. Lightweight and easy to use, the AC/DC current clamp adapter comes complete with Battery and Owners manual. This Adapter is able to work with an oscilloscope by using the CA-06 which is an optional accessory.

- Measure current without disconnecting circuit under test
- AC/DC 600A capability
- Dual Hall-effect sensors
- Accuracy DC: +2%+2A AC: +3%+2A (50~400Hz)
- For use with any multi-meter at 200mV or 2V ranges for direct readout.
- Input impedance at least 1M ohms
- Power on indicating
- Zero adjustment knob to compensate the hysteresis effect in DC Measurements.)
- Transformer ratio:1000:1
- Output 1mV/A
- Jaw opening capability:30mm conductor
- Confirm to Safety: IEC 1010-1, IEC 1010-2-032,UL,CE approved.
- Low battery indication

Specifications :

- o Measurement range: 600A DC or AC
- o Accuracy: $\pm 2\%$ reading +2A
- o Frequency Response (AC): 50Hz to 400Hz
- o Input Resistance: 10kHz typical
- o Maximum Conductor Size: 1.1" (30mm)
- o Transformer ratio:1000:1
- o Output 1mV/A
- o Jaw opening capability:30mm conductor
- o Confirm to Safety: IEC 1010-1, IEC 1010-2-032,UL,CE approved.
- o Low battery indication

CA-06 Adapter (Option)

- o BNC- Female 4mm Banana post adapter for receiving Signal output from CA-60 and able to be monitored by oscilloscope.

General:

- o Power Requirement: 9V battery
- o Dimensions 178x70x33mm
- o Weight: 290g
- o Accessories: Battery, owners man



Model CA1000D

AC/ DC Current Clamp (CA-1000D)

1. 1000A AC or DC Current Clamp
2. Measure current without disconnecting circuit under test
3. Measure to 1000A DC or AC
4. Outputs 1mV per Amp, operates on 2V range of any DMM

Specifications :

- o Measurement range: 0-1000A AC/DC
- o Accuracy: $\pm(1.5\sim3.5\%+3A)$
- o Output: 0-1V rms or DC with $\geq 1M\Omega$ input impedance
- o Transfer rate: 1mV/1A
- o Overload protection: 1200A for 60 seconds maximum
- o Frequency Response (AC): 50Hz to 400Hz

General:

- o Power Requirement: 9V battery
- o Dimensions 244x100x40mm
- o Jaws Opening Capability: 57mm Conductor, 70 x 18 mm bus bars
- o Weight: 290g
- o Accessories: Battery, owners man

