

CM600
0.1 to 600 Amperes AC/DC

CM100
1 mA to 100 Amperes AC/DC

CM1000
0.1 to 1000 Amperes AC/DC

CMseries

AC/DC Current Clamp Meters

Simple and easy to use

- ▶ Using the rotary switch on the handle, select the type of current: AC or DC.
- ▶ Press the lever to open the clamp meter jaw and insert the wire or cable into the opening.
- ▶ Read the current measurement on the LCD display.

How it works

The CM series of clamp meters measure the electrical current in wires, cables or electrical wiring systems by detecting the magnetic field generated around them by the flow of electricity.

These instruments are capable of measuring currents without direct contact to the circuit for quick, safe and accurate results.

Besides detecting and measuring current, current peaks and parasitic draws, they also integrate voltage, resistance and continuity measurement functions, to cover a wide range of common electrical measurements.

Main features

- ▶ State of the art ergonomic design and styling for enhanced handling and use.
- ▶ Three models with wide measuring ranges: 1 mA to 100 A (CM100), 0.1 A to 600 A (CM600) and 0.1 A to 1000 A (CM1000).
- ▶ AC/DC current and voltage measurement.
- ▶ Ultra-low current measurement capability (1 mA for CM100) for current leak measurement and troubleshooting.
- ▶ Safely measures current without contact with the wire or circuit.
- ▶ Double insulation, IEC 1010, CAT II 600V (CM100 and CM600), CAT II 1000 V (CM1000).
- ▶ Continuous reading and data hold modes.
- ▶ Auto zero button for easy and quick zeroing of the measurement.
- ▶ Quick response: <0.5 seconds.
- ▶ Large LCD display with symbols.
- ▶ Soft pouch for instrument protection
- ▶ Auto power off.

Model

CM100

CM600

CM1000

| | | | |
|------------------------|--|-----------------|----------------|
| ▶ DC Current | 0.001 to 100 A. | 0.1 to 600 A. | 0.1 to 1000 A. |
| ▶ AC Current | 0.001 to 100 A. | 0.1 to 600 A. | 0.1 to 1000 A. |
| ▶ DC Voltage | 0.1 to 600 V. | 0.1 to 600 V. | 0.1 to 1000 V. |
| ▶ AC Voltage | 0.1 to 600 V. | 0.1 to 600 V. | 0.1 to 1000 V. |
| ▶ Resistance | 10 to 100 KOhm | 0.1 to 1000 Ohm | 10 to 100 KOhm |
| ▶ Continuity test | Yes | Yes | Yes |
| ▶ Display | 4 digit LCD, 9999 counts with measurement units. | | |
| ▶ Autopolarity | Automatic (-) negative polarity indicator. | | |
| ▶ Zero adjustment | One touch button. | | |
| ▶ Sample rate | 0.5 sec. or 2 samples/sec. | | |
| ▶ Peak hold function | 10 mS for DCV and DCA. | | |
| ▶ Over range indicator | "OL" indicator for all functions. | | |
| ▶ Power | 2xUM-4 or AAA batteries. | | |
| ▶ Auto power off | Automatic power off after 30 min of inactivity. | | |
| ▶ Battery life | Approximately 50 hrs. (w/alkaline batteries) | | |

| | |
|----------------------|--|
| ▶ Clamp size opening | 1/2" (12.5 mm) Max. |
| ▶ Dimensions | 7.95" (H) x 2.62" (W) x 1.33" (D) (202 mm x 67 mm x 33.8 mm). Approx. 6.34 Oz (180 gr.). |
| ▶ Weight | |

| | |
|----------------------|---|
| ▶ Clamp size opening | 1" (25 mm) Max. |
| ▶ Dimensions | 7.44" (H) x 2.75" (W) x 1.33" (D) (189mm x 70 mm x 34 mm). Approx. 7.76 Oz (220 gr.). |
| ▶ Weight | |

CM100

1/2" (12.5 mm) Max.
7.95" (H) x 2.62" (W) x 1.33" (D)
(202 mm x 67 mm x 33.8 mm).
Approx. 6.34 Oz (180 gr.).

CM600 and CM1000

1" (25 mm) Max.
7.44" (H) x 2.75" (W) x 1.33" (D)
(189mm x 70 mm x 34 mm).
Approx. 7.76 Oz (220 gr.).

Instrument includes:

- ▶ Clamp meter
- ▶ User's manual
- ▶ Soft carrying pouch
- ▶ Test leads
- ▶ 2 x AAA Alkaline batteries
- ▶ 1 year parts and labor warranty



Other GTC products



LTX Series

From -20° up to 1400 °F
Infrared thermometers
with laser sight



CT8002

Professional cordless
computer-safe
circuit tester



FF310

FaultFinder
Open and short circuit
finder and tracer



TA110

Laser tachometer and
counter



ST05

Oxygen sensor tester
and simulator



CT Series

Automotive and
industrial digital
multimeters



TA Series

Smartach - Tachometers
and Engine Analyzers

General Technologies Corp. #121-7350 72nd Street Delta, BC V4G 1H9 - Canada
Toll Free: 800-440-5582 / Tel: 604-952-6699 / Fax: 604-952-6690 www.gtc.ca / info@gtc.ca



**General
Technologies
Corp.**