CM1000 & *CM1050* 1000A AC & AC/DC True RMS Clamp Meters

True RMS Clamp Meter with Inrush current, Low Pass Filter and LoZ

Features:

- Captures the instantaneous surge (inrush) current when power equipment is turned on
- 1.4" (35mm) clamp jaw
- Low Pass Filter (LPF) for filtering frequency and harmonic interference when measuring variable frequency drives
- LoZ mode for identifying ghost voltages
- Peak voltage measurement with Min/Max
- Built-in Non-Contact Voltage Detector with LED
- Data Hold freezes the display
- Relative Mode for making comparisons to a stored reference value
- Auto power off with disable
- Built-in flashlight
- Includes test leads, Type K thermocouple bead probe, 3 AAA batteries, and carrying case
- 1-year warranty

Model CM1000:

- Measures 1000A True RMS AC Current

Model CM1050:

- Measures 1000A True RMS AC and DC Current
- DC Zero function

Applications:

Typically when using a multimeter to measure current, you would have to "break the circuit" and place the meter in series with it, so that voltage and current would pass through it. A clamp meter allows you to easily measure current without breaking the circuit by clamping around a single conductor. This saves time and the circuit will not be damaged.

Ordering Information:

CM1000   1000A AC True RMS Clamp Meter
CM1000-NIST CM1000 with Certificate of Traceability to NIST
CM1050   1000A AC/DC True RMS Clamp Meter
CM1050-NIST CM1050 with Certificate of Traceability to NIST

	CM1000	CM1050
True RMS	√	√
Display counts	6000 count	6000 count
AC Current	1000A	1000A
ACA Accuracy	±2.8%	±2.8%
DC Current	—	1000A
AC/DC Voltage	1000V	1000V
Resistance	60MΩ	60MΩ
Temperature	-4 to 1832°F (-20 to 1000°C)	-4 to 1832°F (-20 to 1000°C)
Capacitance	100mF	100mF
Frequency	100kHz	100kHz
Duty Cycle	10.0 to 90.0%	10.0 to 90.0%
Continuity	<50Ω	<50Ω
Low Pass Filter (LPF)	Yes	Yes
LoZ	Yes	Yes
NCV Detector	>90V	>90V
Inrush Current	100ms	100ms
Safety Category	CAT IV-600V	CAT IV-600V
Dimensions	9.9 x 3.2 x 1.7" (249 x 81.5 x 42.2mm)	9.9 x 3.2 x 1.7" (249 x 81.5 x 42.2mm)
Weight	11.3oz (320g)	11.5oz (327g)

TRIPLETT
Test Equipment & Tools