

CM3000 1000A True RMS AC/DC Clamp Meter with 3000A AC Flex Clamp

Flex Clamp can measure high current (1.5 to 3000A) in tight spaces

Features:

- True RMS provides better accuracy when measuring non-sinusoidal or noisy waveforms
- Captures the instantaneous surge (inrush) current when power equipment is turned on
- 1.7" (42mm) clamp jaw
- Built-in Non-Contact Voltage Detector with audible/visual alerts
- Low Pass Filter (LPF) for filtering frequency and harmonic interference when measuring variable frequency drives
- LoZ (impedance) mode for identifying ghost voltages
- Min/Max records highest and lowest readings
- Data Hold freezes the display
- Relative Mode for making comparisons to a stored reference value
- Auto power off with disable
- Low battery indicator
- Built-in Flashlight
- Optional model complete with Certificate of Traceability to N.I.S.T.
- Includes 3000A AC Flex Clamp with (3) AAA batteries, Test Leads, Type K Thermocouple Bead Probe, 3 AAA batteries and carrying case
- 2 year warranty

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.



Specifications

True RMS	-
Display counts	6000 count with analog bargraph
AC Current	1000A
ACA Accuracy	±2%
DC Current	1000A
AC/DC Voltage	1000V
Resistance	60MΩ
Temperature	-40 to 1832°F (-40 to 1000°C)
Capacitance	60mF
Frequency	1MHz
Duty Cycle	10.0 to 90.0%
Continuity	<50Ω
Lo Pass Filter (LPF)	Yes
Lo Z Mode	Yes
NCV Detector	>50V
Inrush Current	100ms
18" (45.7cm) Flex Clamp Sensor	30A/300A/3000A AC
Safety Category	CAT IV-600V
Power	(3) AAA batteries
Dimensions	10.7 x 3.2 x 1.7" (272 x 81 x 43.5mm)
Weight	14.8oz (420g)

Ordering Information:

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CM3000-NIST CM3000 Including Certificate of Traceability to N.I.S.T.

