CM600 & *CM650* *600A AC and AC/DC True RMS Clamp Meters*

True RMS Clamp Meter with Inrush current and Low Pass Filter

Features:

- Captures the instantaneous surge (inrush) current when power equipment is turned on
- 1.3" (33mm) clamp jaw
- Low Pass Filter (LPF) for filtering frequency and harmonic interference when measuring variable frequency drives
- 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
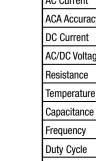- 1-year warranty

Model CM600:

- Measures 600A True RMS AC Current

Model CM650:

- Measures 600A 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.

	CM600	CM650
True RMS	√	√
Display counts	6000 count	6000 count
AC Current	600A	600A
ACA Accuracy	±2.5%	±2.5%
DC Current	—	600A
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	20.0 to 80.0%	20.0 to 80.0%
Continuity	<50Ω	<50Ω
Low Pass Filter (LPF)	Yes	Yes
NCV Detector	>90V	>90V
Inrush Current	100ms	100ms
Safety Category	CAT III-600V	CAT III-600V
Dimensions	9.4 x 3 x 1.5" (239 x 76.5 x 38mm)	9.4 x 3 x 1.5" (239 x 76.5 x 38mm)
Weight	10oz (282.8g)	10.3oz (290.6g)

Ordering Information:

CM600   600A AC True RMS Clamp Meter
CM600-NIST   CM600 with Certificate of Traceability to NIST
CM650   600A AC/DC True RMS Clamp Meter
CM650-NIST   CM650 with Certificate of Traceability to NIST