

# CM675IR 600A True RMS AC/DC Clamp Meter with 4:1 IR Thermometer

*Instantly measure the surface temperature of objects without making contact*

## Features:

- Built-in laser identifies the target area
- 6000 count color EBTN (Enhanced Black Twisted Nematic) display provides clear readings at a maximum angle
- 60-segment analog bargraph for viewing trends
- 1.3" (33mm) clamp jaw
- True RMS provides better accuracy when measuring non-sinusoidal or noisy waveforms
- VFD low pass filter for frequency and harmonic interference when measuring variable frequency drives
- Built-in Non-Contact Voltage Detector with LED indicator
- Relative Mode displays changes from baseline
- Min/Max captures highest and lowest readings
- Data Hold freezes the display
- Auto power off conserves battery life
- Low battery indication
- Built-in Flashlight
- Includes Test Leads, Type K Thermocouple Bead Probe, (3) AAA batteries, and carrying case
- Optional model complete with Certificate of Traceability to N.I.S.T.
- 1 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.

Infrared Thermometer measures the surface temperature of moving objects or objects that are out of reach or too hot to touch.



## Specifications

True RMS	Yes
Color EBTN Display	6000 count with 60-segment analog bargraph
AC/DC Current	600A
ACA Accuracy	±1.5%
AC/DC Voltage	1000V
Resistance	60MΩ
Type K Temperature	-4 to 1800°F (-20 to 1000°C)
Infrared Temperature	-22 to 662°F (-30 to 350°C)
Distance to Target Ratio	4:1
Capacitance	99.99mF
Frequency	10kHz
Duty Cycle	20.0 to 80.0%
Continuity	<50Ω
NCV Detector	>90V
Power	(3) AAA batteries
Safety Category	CAT IV-600V
Dimensions / Weight	9.4 x 1.7 x 2.6" (239 x 44 x 66mm) / 11.2oz (318g)

## Ordering Information:

CM675IR 600A TRMS AC/DC Clamp Meter with 4:1 IR Thermometer  
CM675IR-NIST CM675IR including Certificate of Traceability to N.I.S.T.

