

CM1070 1000A True RMS AC/DC Clamp Meter with Dual Type K and μ A

Dual Type K input for Superheat and Differential temperature measurement

Features:

- μ A for HVAC flame rod current measurement
- True RMS provides better accuracy when measuring non-sinusoidal or noisy waveforms
- 1.9" (48mm) clamp jaw
- Built-in Non-Contact Voltage Detector with LED
- Peak voltage measurement (>1ms)
- Min/Max captures highest and lowest readings
- Data Hold freezes the display
- Zero button for Capacitance and DC Current
- Auto power off with disable
- Low battery indication
- Built-in Flashlight
- Optional model with Certificate of Traceability to NIST
- Includes Test Leads, (2) Type K Thermocouple Bead Probes, 9V battery, and carrying case
- 1 year warranty

Specifications

True RMS	Yes
Display	Dual 50,000 count backlit LCD
AC/DC Current	1000A
ACA Accuracy	$\pm 2.5\%$
AC/DC μ A Current	5000 μ A
AC/DC Voltage	600V
Resistance	50M Ω
Temperature	-148 to 1800 $^{\circ}$ F (-100 to 1000 $^{\circ}$ C)
Capacitance	5mF
Frequency	10MHz
Duty Cycle	5.0 to 95.0%
Continuity	<50 Ω
NCV Detector	>90V
Peak Capture	>1ms
Jaw Size	1.9" (48mm)
Power	9V battery
Safety Category	CAT IV-600V
Dimensions / Weight	9.1 x 3 x 1.6" (230 x 76 x 40mm) / 11.1oz (315g)



NIST
TRACEABLE
CALIBRATION
AVAILABLE

Applications:

Dual Type K input for Superheat and Differential Temperature measurement

μ A Current for HVAC flame rod measurement

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:

CM1070 1000A True RMS AC/DC Clamp Meter with Dual Type K and μ A
CM1070-NIST CM1070 with Certificate of Traceability to NIST

CAT IV
600V

RoHS **CE**