



# FLIR CM78 1000A Clamp Meter with IR Thermometer

The FLIR CM78 is a True RMS Industrial Grade 1000A Clamp Meter for the electrician who needs a safe, capable combination tool.

- Integrated IR Thermometer provides fast non-contact measurements on panels, conduits, and motors
- Powerful Worklights not only assist with clamping but are bright enough to serve as a primary worklight
- FLIR Tools Mobile connects the FLIR CM78 to your compatible smartphones and tablets via Bluetooth\*
- METERLiNK® technology wirelessly integrates electrical readings on your infrared image with FLIR Thermal Cameras

**Features:**

- Voltage and Current, Min, Max, Average, Auto Power Off, Data Hold, Relative, Peak Hold, Battery Status Indicator, Bright White LED Backlight

**Includes:**

- 6 AAA Batteries, User Manual/CD, CAT IV Silicon Test Leads and Limited Lifetime Warranty



TECHNICAL SUMMARY	MAX RANGE	BASIC ACCURACY
AC/DC Current	1000A	±2.5%
AC/DC Voltage	1000V	±1.5%
Resistance	40.00MΩ	±1.5%
Capacitance	4.000mF	±3%
Frequency	4000Hz	±1.5%
Temperature (IR)	-20 to 518°F, -20 to 270°C	±2%
IR Distance to Target Ratio	8 inches away : 1 inch spot size	
Type K Temperature (optional probe)	-4 to 1400°F, -20 to 760°C	±3%



GENERAL INFORMATION	
Bluetooth Range Max	32ft (10m)
Jaw Opening	1.7in (42mm, 1500MCM)
Category Rating	CAT IV-600V, CAT III-1000V
Warranty	Limited Lifetime*

\* See [www.flir.com/test](http://www.flir.com/test) for latest compatibility information and more warranty details

**Ordering Information**

CM78 ..... 1000A True RMS Clamp Meter + IR Thermometer  
 CM78-NIST..... CM78 with Certificate of Traceability to NIST  
 TA80..... CAT IV Silicon Test Leads



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