



## 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 METERLiNK-enabled 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 silicone 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](http://www.flir.com) 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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