



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 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



FLIR Commercial Systems
 Luxemburgstraat 2
 2324 Meer
 Belgium
 Tel. : +32 (0) 3665 5100
 Fax : +32 (0) 3303 5624
 E-mail : flir@flir.com

FLIR Systems AB
 Antennvägen 6
 187 66 Täby
 Sweden
 Tel. : +46 (0)8 753 25 00
 E-mail : flir@flir.com

FLIR Systems UK
 2 Kings Hill Avenue - Kings Hill
 West Malling - Kent
 ME19 4AQ
 United Kingdom
 Tel. : +44 (0)1732 220 011
 E-mail : flir@flir.com

FLIR Systems GmbH
 Berner Strasse 81
 D-60437 Frankfurt am Main
 Germany
 Tel. : +49 (0)69 95 00 900
 E-mail : flir@flir.com

FLIR Systems France
 20, bd de Beaubourg
 77183 Croissy-Beaubourg
 France
 Tel. : +33 (0)1 60 37 55 02
 E-mail : flir@flir.com

FLIR Systems Italy
 Via Luciano Manara, 2
 I-20812 Limbiate (MB)
 Italy
 Tel. : +39 (0)2 99 45 10 01
 E-mail : flir@flir.com

FLIR Commercial Systems
 Avenida de Bruselas, 15- 3º
 28108 Alcobendas (Madrid)
 Spain
 Tel. : +34 91 573 48 27
 E-mail : flir@flir.com

FLIR Systems, Middle East FZE
 Dubai Airport Free Zone
 P.O. Box 54262
 Office B-22, Street WB-21
 Dubai - United Arab Emirates
 Tel. : +971 4 299 6898
 E-mail : flir@flir.com

FLIR Systems Russia
 6 bld.1, 1st Kozjevicheskoy lane
 115114 Moscow
 Russia
 Tel. : + 7 495 669 70 72
 E-mail : flir@flir.com