CAT IV 1000A Clamp Meter + IR Thermometer

Industrial Clamp-on multimeter with CAT IV-600V safety rating

Ideal for industrial applications, this full-size True RMS 1000A AC/DC Clamp features a built-in Infared Thermometer and rugged double molded housing.

EX840 CAT IV Clamp Meter Features:

- Built-in non-contact IR Thermometer with laser pointer
- True RMS Current and Voltage measurements
- Peak hold captures inrush currents and Transients
- MultiMeter functions include AC/DC Voltage, Resistance, Capacitance, Frequency, Diode, and Continuity
- 1.7" (43mm) jaw opening for conductors up to 750MCM or two 500MCM
- 4000 count backlit display
- Features include Data Hold and Min/Max and Auto Power off
- Autoranging with manual range button
- Complete with CAT IV test leads, 9V battery, general purpose Type K probe, pouch case, and Professional Test Lead Set

Professional Test Lead Features:

- 8-Piece Professional Test Lead set
- Two 42" (1m) PVC lead extensions with shrouded banana plugs at both ends
- Two modular 4" (102mm) Heavy Duty test probe handles with 0.16" (4mm) banana plug tip
- Two standard size, alligator clips with insulated rubber boot
- Two extra large, double-insulated, alligator clips with sharp teeth for piercing insulated wire. Jaws open to 0.8" (20mm)

Includes:

Pouch case to store the meter, temperature probe, and test leads. The additional 8pc set Professional Test Leads are packaged separately.

Built in IR Thermometer

CAT IV -600V safety rating for added protection and **True RMS** feature gives you accurate readings of non-sinusoidal waveforms.

Built-in IR Thermometer with laser pointer is an excellent troubleshooter for locating hot spots and overheating motors.

Specifications	Range	Basic Accuracy
AC Current	0.1 to 1000A	±2.8%
DC Current	0.1 to 1000A	±2.8%
AC Voltage	0.1mV to 1000V	±1.5%
DC Voltage	0.1mV to 1000V	±2.8%
Resistance	0.1 to 40MΩ	±1.5%
Capacitance	0.001nF to 40,000µF	±3.0%
Frequency	0.001kHz to 4kHz	±1.5%
IR Temperature	-58 to 518°F (-50 to 270°C)	±2.0% rdg or ±4°F/±2°C
Type K Temperature	-4 to 1400°F (-20 to 760°C)	±(3%rdg+9°F/5°C)
Continuity	Yes	
Inrush	Yes	
Diode	Yes	
Dimensions	10.6x4.3x2" (270x110x50mm)	
Weight	13.6oz (386g)	

Ordering Information:

EX840 .....1000A AC/DC True RMS Clamp/DMM+IR Thermometer
EX840-NISTL*.....EX840 with Limited NIST for Certificate of Traceability

**NISTL - Limited NIST for Certificate of Traceability to all functions except IR Thermometer*

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TESTERS AND TOOLS.COM
Trust Experience Reliability
sales@testersandtools.com
Tel: 602-795-4033, Fax: 602-795-4624

EN 61010-1 CAT III 1000V
EN 61010-1 CAT IV 600V
3 YEARS WARRANTY

Specifications subject to change without notice.
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