

# CAT IV 1000A Clamp Meter + IR Thermometer

**Bluetooth<sup>®</sup> Transmitter with METERLiNK<sup>™</sup>**  
Wirelessly transmits Voltage and Current readings to your FLIR high-definition infrared camera to incorporate meter readings with thermal images

## Features:

- Built-in non-contact IR Thermometer design with laser pointer
- METERLiNK Wireless communication with FLIR Thermal Imaging Cameras (b60, i60, B-Series, and T-Series)
- CAT IV safety rating for industrial applications
- True RMS Current and Voltage measurements
- Peak hold captures inrush currents and Transients
- 1.7" (43mm) jaw opening for conductors up to 750MCM or two 500MCM
- 4000 count backlit display
- Autoranging with manual range button
- Data Hold, Min/Max and Auto Power off
- Complete with CAT IV test leads, 9V battery, Type K probe, pouch case, and Professional Test Lead Set



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



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



Patented



## Professional Test Leads:

- 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)

## Ordering Information:

EX845 .....1000A AC/DC True RMS Clamp/DMM+IR Thermometer  
EX845-NISTL\* .....EX845 with NIST Certificate

\*NISTL is a Limited NIST: Product is certified to all functions except IR Thermometer

## METERLiNK<sup>™</sup>

Bluetooth<sup>®</sup>

**METERLiNK frees the Thermographer from the manual process of collecting field data**



Infrared cameras quickly locate problems with electrical equipment



Collecting current measurements and associating them with the right component identified on an infrared image, can be a complicated and cumbersome process



Manual data collection results in unnecessary complexity and risk. METERLiNK eliminates this problem by allowing the thermographer to quickly take a current reading on an electrical target and associate those readings with the corresponding targets stored in an infrared image

Specifications	Range	Basic Accuracy
AC/DC Current	0.1 to 1000A	±2.8%
AC/DC Voltage	0.1mV to 1000V	AC: ±1.5%; DC: ±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/Weight	10.6x4.3x2" (270x110x50mm)/	13.6oz (386g)

