

1000A Clamp Meters with IR Thermometers

Clamp-on multimeter with built-in non-contact InfraRed Thermometer

Ideal for industrial applications the 800 series Full size 1000A clamps feature a built-in Infrared thermometer and rugged double molded housing.

EX800 Series Features:

- Peak hold captures inrush currents and Transients
- 43mm (1.7") jaw opening for conductors up to 750MCM or two 500MCM
- Complete with test leads, 9V battery, Type K probe (-30 to 300°C/-22 to 572°F) for EX820/EX830, and case

Model EX810

- AC Current
- Average responding

Model EX820

- AC Current
- True RMS
- Type K thermometer

Model EX830

- DC/ AC Current
- True RMS
- Type K thermometer
- DC Zero



True RMS meter 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.



Complete with test leads, 9V battery, type K probe (EX820/EX830) and belt holster

BUILT IN IR
Thermometer
Patented

EX800 SERIES

Specifications	EX810	EX820	EX830	Basic Accuracy
IR Temperature (IR)	✓ -50 to 270°C -58 to 518°F	✓ -50 to 270°C -58 to 518°F	✓ -50 to 270°C -58 to 518°F	✓ ±2.0% rdg or ±2°C/±4°F
AC Current	0.1 to 1000A	0.1 to 1000A	0.1 to 1000A	2.8% (EX810) 2.5% (EX820, EX830)
DC Current	—	—	✓ 0.1 to 1000A	±2.5%
AC Voltage	0.1mV to 600V	0.1mV to 600V	0.1mV to 600V	±1.8% (EX810) ±1.5% (EX820, EX830)
DC Voltage	0.1mV to 600V	0.1mV to 600V	0.1mV to 600V	±1.5%
Resistance	0.1 to 40MΩ	0.1 to 40MΩ	0.1 to 40MΩ	±1.5%
Capacitance	0.001nF to 40,000μF	0.001nF to 40,000μF	0.001nF to 40,000μF	±3.0%
Frequency	0.001kHz to 4kHz	0.001kHz to 4kHz	0.001kHz to 4kHz	±1.5%
Type K Temperature	—	✓ -20 to 760°C -4 to 1400°F	✓ -20 to 760°C -4 to 1400°F	±(3%rdg+5°C/9°F)
Continuity	Yes	Yes	Yes	Yes
Inrush	Yes	Yes	Yes	Yes
Diode	Yes	Yes	Yes	Yes
Dimensions	270x110x50mm (10.6x4.3x2")	270x110x50mm (10.6x4.3x2")	270x110x50mm (10.6x4.3x2")	
Weight	386g (13.6oz)	386g (13.6oz)	386g (13.6oz)	

Ordering Information:

EX8101000A AC Clamp/DMM+IR Thermometer
EX8201000A AC True RMS Clamp/DMM+IR Thermometer
EX8301000A AC/DC True RMS Clamp/DMM+IR Thermometer

