

# Mini Digital MultiMeter + IR Thermometer

**12 Function, rugged designed multimeter with built-in IR Thermometer**

Quickly identify overheating motors or locate hot spots on electrical panels and HVAC vents without contact

## Features:

- Built-in IR Thermometer with laser pointer for locating hot spots
- 6:1 Distance to Target Ratio
- 4000 count large backlit dual LCD with easy-to read digits
- Low current capability measure down to 0.1μA
- Functions include Type K Temperature, Capacitance, Frequency, and Duty Cycle
- Relative Mode
- Input fuse protection
- Auto power off and Data Hold
- Complete with test leads, general purpose bead wire temperature probe and 9V battery

**BUILT IN IR**  
**Thermometer**   
Patented



Built-in non-contact IR Thermometer quickly identifies hot spots on electrical panels



AC/DC Voltage measurements



Type K Temperature function

## Specifications

AC Voltage	0.1mV to 600V
DC Voltage	0.1mV to 600V
Basic Accuracy (VDC)	±0.5%
AC Current	0.1μA to 10A
DC Current	0.1μA to 10A
Resistance	0.1Ω to 40MΩ
Capacitance	0.01nF to 100μF
Frequency	0.001Hz to 10MHz
Temperature (Type K)	-4 to 1382°F (-20 to 750°C)
Duty Cycle	0.1% to 99.9%
Temperature (IR)	-5 to 446°F (-20 to 230°C)
Continuity / Diode	Yes
Dimensions	5.8x2.9x1.6" (147x76x42mm)
Weight	9.17oz (260g)

## Ordering Information

EX230 .....Autorange MultiMeter + IR Thermometer

EX230-NISTL\* .....EX230 with Limited NIST Certificate

EX230-NIST .....EX230 with NIST Certificate

\* Product certifies to all functions except IR Thermometer

