

# Mini Digital MultiMeters + IR

**Rugged design with built-in IR Thermometer**  
Quickly identify overheating motors or locate hot spots on electrical panels and HVAC vents without contact

## Common Features:

- Large backlit dual LCD with easy-to read digits
- Low current capability
- Input fuse protection
- Auto power off and Data Hold
- Complete with test leads, general purpose bead wire temperature probe (Model EX230), and 9V battery

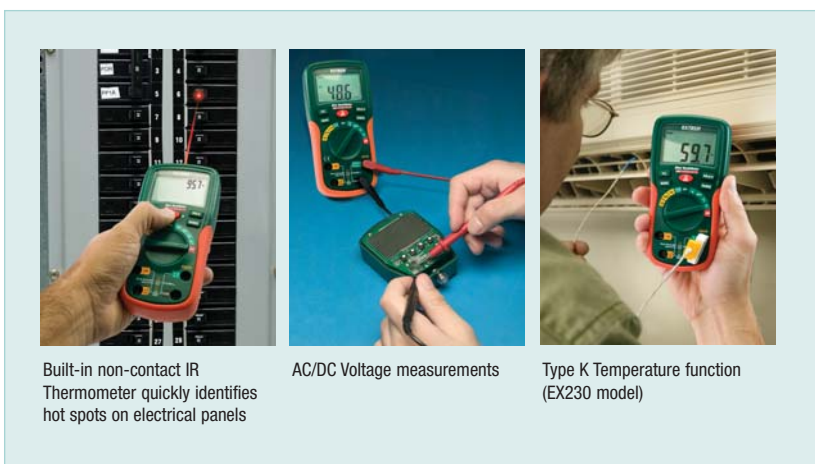
## Model EX210

- 2000 counts
- 4:1 Distance to Target Ratio
- Max Hold

## Model EX230

- 4000 counts
- 6:1 Distance to Target Ratio
- Advanced functions include Type K Temperature, Capacitance, Frequency, and Duty Cycle
- Relative Mode

**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 (EX230 model)

Specifications	EX210	EX230
Display Counts	2000	4000
Basic Accuracy (VDC)	±0.5%	±0.5%
AC/DC Voltage	0.1mV to 600V	0.1mV to 600V
AC/DC Current	0.1µA to 10A	0.1µA to 10A
Resistance	0.1Ω to 20MΩ	0.1Ω to 40MΩ
Capacitance	—	0.01nF to 100µF
Frequency	—	0.001Hz to 10MHz
<b>Temperature (IR)</b>	-5 to 446°F (-20 to 230°C)	-5 to 446°F (-20 to 230°C)
Temperature (Type K)	—	-4 to 1400°F (-20 to 760°C)
Duty Cycle	—	0.1% to 99.9%
Continuity / Diode	Yes	Yes
Dimensions	5.8x2.9x1.6" (147x76x42mm)	
Weight	9.17oz (260g)	

## Ordering Information

EX210 .....Autoranging MultiMeter + IR Thermometer

EX210-NISTL\* .....EX210 with Limited NIST Certificate

EX210-NIST .....EX210 with NIST Certificate

EX230 .....Autoranging MultiMeter + IR Thermometer

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

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

\* Product certifies to all functions except IR Thermometer

