



42509 IR Thermometer with Color Alert



Blue backlight: within temperature range

Red backlight plus audible alert: exceeds temperature

Extech's 42509 is one of the fastest and most accurate IR Thermometers with dual lasers identifying the distance and location where accuracy is highest. Fast response is ideal for quick checks of multiple spots in a process or for catching spikes in temperature. Easy programmable High/Low Alarm with fast two color display and audible alarm.

Features

- Great for processes that require temperature control and monitoring
- Fast and accurate measurements at 12" (30cm) where the two lasers converge with 12:1 field of view
- Programmable alarm with audible beeper — Blue backlit dual LCD display changes to Red backlit when reading exceeds High or Low set points
- Exclusive 150 millisecond instantaneous response for capturing spikes in temperature
- Max Hold
- Lock function for continuous readings
- Adjustable emissivity increases measurement accuracy for different surfaces
- Double molded housing
- Complete with case and 9V battery

Specifications

Laser Convergence Distance	12" (30.5cm)
Range	-4 to 950°F (-20 to 510°C)
Repeatability	±0.5% or 1.8°F/1°C
Basic Accuracy	±(1% of rdg + 1°C)
Max resolution	0.1°F/°C
Emissivity	0.10 to 1.00 Adjustable
Field of View (Distance to Target)	12:1
Dimensions/ Weight	5.7x4x1.7" (146x104x43mm) / 5.7oz (163g)

Ordering

42509 **N** IR Thermometer with Color Alert

N Indicates products that are available with optional calibration traceable to NIST. Order with -NIST after part number for product plus Calibration Certificate.