

# IR Thermometer with Color Alert

**✓ 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" where the two lasers converge with 12:1 field of view
- Measures up to 950°F (510°C)
- 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 mode captures and holds rapidly changing temperatures
- Lock function for continuous readings (disables auto power off)
- Adjustable emissivity increases measurement accuracy for different surfaces
- Double molded housing
- Complete with case and 9V battery



**✓ Dual Laser**

## Our Fastest and most Accurate IR Thermometer

- ✓ Dual lasers identify distance and location where accuracy is highest
- ✓ 12" distance model
- ✓ Fast response is ideal for quick checks of multiple spots in a process or for catching spikes in temperature



**Dual Color Display** — Easy visual alert when temperature exceeds user programmed MAX and MIN setpoints, the display flashes from Blue to Red. Red backlit display will continue to flash until normal temperature is reached.

## 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 + 2°F/1°C)
Max resolution	0.1°F/°C
Emissivity	0.10 to 1.00 Adjustable
Field of View (Distance to Target)	12:1
Dimensions	5.7x4x1.6" (146x104x43mm)
Weight	5.7oz (163g)

## Ordering Information:

42509 .....12" distance Dual Laser InfraRed Thermometer  
42509-NIST .....12" dist. Dual Laser InfraRed Thermometer w/ NIST

