EXTECH INSTRUMENTS
A FLIR COMPANY

Experience the Extech Advantage

PRODUCT DATASHEET

Dual Laser InfraRed Thermometer

High IR Temperature Range

Fast 100mS response with highest accuracy at point where dual lasers converge plus Type K input and USB interface

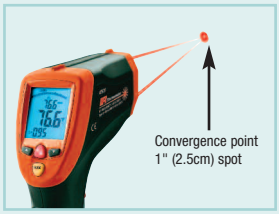


Features:

- High 50:1 distance to target ratio measures smaller surface areas at greater distances
- Dual Laser Targeting indicates ideal measuring distance when two laser points converge to 1" target spot
- Type K thermocouple input from -58 to 2498°F (-50 to 1370°C)
- Lock function for continuous readings
- White backlit multifunction LCD display with bargraph
- Fast 100 millisecond response time
- MAX/MIN/AVG/DIF feature displays highest, lowest, average, and MAX minus Min values
- Adjustable emissivity increases measurement accuracy for different surfaces
- Adjustable High/Low set points with audible alarm alerts user when temperature exceeds the programmed set points
- USB interface includes software
- Tripod mounting feature
- Complete with Type K Temperature probe, USB cable and software, tripod, carrying case and 9V battery



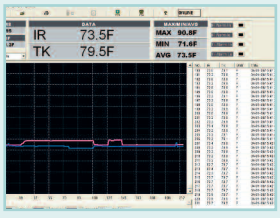
Fast response captures hot spots



Two laser points converge at a distance of 50"/127cm) and form a 1" (2.5cm) spot.



Max hold indicates and holds the peak temperature for easy identification of hot spots



Use the Lock function for continuous data transfer to your PC with the included USB cable & software.

Dual Laser

Our Fastest and Easiest-to-use IR Thermometer

- ✓Dual lasers identify exact measuring spot when they converge to a single spot
- ✓Fast response is ideal for quick checks of multiple spots in a process or for catching spikes in temperature

Specifications	42570
Laser Convergence Distance	50" (127cm)
IR Range	-58 to 3992°F (-50 to 2200°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)	50:1
Type K Range	-58 to 2498°F (-50 to 1370°C)
Memory	Manually Store/Recall 100 readings
Dimensions	8x6.1x2" (204x155x52mm)
Weight	11.3oz (320g)

Ordering Information:

42570 .....50:1 Dual Laser InfraRed Thermometer

CE 3 YEARS WARRANTY

Specifications subject to change without notice.
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