

# 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



## 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

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.

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



**airconcern**

more info for Extech 42570

Phone: 01235 838 555

Email: cs@airconcern.co.uk

Web: www.airconcern.co.uk

Air Concern Ltd, Building 173 Curie Avenue Harvell Didcot, Oxfordshire