

## 42570 Dual Laser InfraRed Thermometer



Extech's 42570 features high non-contact IR temperature range measuring up to 3992°F (2200°C). Fast 100mS response time with one of the highest accuracies at the spot where dual lasers converge. It also features a Type K input for making contact temperature measurements expanding your application use. In addition, it includes software, cable, and USB interface for continuous data transfer to your PC allowing further temperature analysis.



### 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) — range is dependent on probe
- 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 general purpose Type K Temperature probe, USB cable and software, tripod, carrying case and 9V battery

### Specifications

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/ Weight	204x155x52mm / 320g

### Ordering

42570 **N**\*..... Dual Laser IR Thermometer

**N** Indicates products that are available with optional calibration traceable to NIST. Order with -NISTL after part number.

\*Limited NIST for Certificate of Traceability from -4 to 1500°F (-20 to 815°C)



UPC Code: 793950425701