

## High IR Temperature Range Infrared Thermometer with Type K Input and USB interface

The 42570 Dual Laser Infrared Thermometer provides accurate targeting with a fast 100 millisecond response time. The dual laser system let the user quickly focus the instrument on a 1+ spot at a distance of 50+ by visually converging the two lasers on the target to be measured. The 42570 covers an extended infrared temperature range from -58 to 3992°F ( -50 to 2200°C ) with an accuracy of  $\pm(1\% \text{ of rdg} + 2^\circ\text{F}/1^\circ\text{C})$  making it ideal for quick checks of multiple spots in a process or for catching spikes in temperature. Manually store and recall up to 100 readings. The Type K thermocouple provides an input from -58 to 2498°F (50 to 1370°C).

This model is shipped with a Type K temperature probe, USB cable and software, carrying case and 9V battery.

The 42570 Infrared Thermometer 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



### To Order

- 42570 Dual Laser Infrared Thermometer

**WARRANTY:** The following is made in lieu of all warranties, expressed or implied, including the implied warranties of merchantability and fitness of purpose: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved by Telatemp Corporation to be defective.

**LIMITATION OF LIABILITY:** All physical properties, statements, and recommendations are either based on tests we believe to be reliable or our experience, but they are not guaranteed. Telatemp Corporation recommends each user determine the suitability of the products for the intended application. Telatemp Corporation shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory.

*\*Prices and specifications are subject to change without notice.*

### 42570 Dual Laser Infrared Thermometer

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:	8 x 6.1 x 2" ( 204 x 155 x 52mm)
Weight:	11.3oz (320g)

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