



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# High Temperature IR Thermometer

**Measures surface temperature up to 1400°F (760°C)**  
With built-in Laser Pointer that identifies target area and improves aim

## Features:

- High temperature range from -58° to 1400°F (-50 to 760°C)
- 16 to 1 distance to target ratio measures smaller surface areas at greater distances
- Adjustable high/low alarm alerts user visually and audibly when temperature exceeds programmed limits
- Adjustable emissivity for better accuracy on different surfaces
- MAX/MIN/AVG/DIF features display highest, lowest, average, and MAX minus MIN values
- Large backlit display
- Laser pointer identifies target area
- Automatic Data Hold
- Automatic Power Off
- High Resolution of 0.1° up to 199.9°
- Complete with 9V battery and hard carrying case



Laser pointer identifies target area.

Specifications	
Range	-58 to 1400°F (-50 to 760°C)
Basic Accuracy	±2%rdg or 4°F (2°C) <932°F (500°C); ±(2.5%rdg + 5°)>932°F (500°C)
Max. Resolution	0.1°F/°C
Emissivity	0.1 to 1.00 Adjustable
Field of View (Distance to Target)	16:1
Dimensions	3.9 x 2.2 x 9" (100 x 56 x 230mm)
Weight	10.2oz (290g)

## Ordering Information:

- 42540 .....High Temperature IR Thermometer  
42540-NIST .....42540 with Calibration Traceable to NIST.

