



"Your Direct Source for Plant Maintenance, Reliability, Test & Measurement"

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2911 South Shore Blvd. Suite 170, League City, TX USA 77573 Phone: 281-957-5283 Fax: 281-334-4255

## Mini IR Thermometer

**Compact size**  
Convenient portable size with wide temperature range measuring up to 1200°F (650°C)

### Features:

- Compact thermometer measures temperature from -58 to 1200°F (-50 to 650°C) with 0.1° resolution up to 199.9°
- Adjustable High/Low setpoints with audible alarm alerts user when temperature exceeds the programmed setpoints
- Adjustable emissivity for better accuracy on different surfaces
- Built-in laser pointer identifies target area
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- 12:1 distance to target ratio
- Data Hold and Min/Max
- Overrange indicator
- Auto power off
- Complete with 9V battery and pouch case



Specifications	
Range	-58 to 1200°F (-50 to 650°C)
Basic Accuracy	±(1% of rdg + 2°F/1°C)
Max. Resolution	0.1°F/°C; 1°F/°C
Emissivity	0.95 fixed
Repeatability	±0.5% or ±1.8°F/°C
Field of View (Distance to Target)	12:1
Dimensions	3.2 x 1.6 x 6.3" (82 x 42 x 160mm)
Weight	6.4oz (180g)

### Ordering Information:

42510A .....Mini IR Thermometer 1200°F (650°C), 12:1  
42510A-NIST .....42510A with NIST Certificate



Reliability Direct, Inc.

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