

# 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 999.9°
- 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



Max hold indicates and holds the peak temperature for easy identification of hot spots

| Specifications                     |                                    |
|------------------------------------|------------------------------------|
| Range                              | -25 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                         | 0.10 to 1.00 adjustable            |
| 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

