

## High Temperature IR Thermometers

Choice of mini or standard size thermometer with range up to 1000°F or 1400°F

### Features:

- Built-in laser pointer identifies target area
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- High resolution of 0.1° up to 199.9°
- Automatic Data Hold when trigger released
- Fixed 0.95 emissivity covers 90% of surface applications
- Auto power off
- Complete with 9V battery

#### Model 42510

(Wide Range Mini IR Thermometer)

- Compact thermometer with wide temperature range from -58 to 1000°F (-50 to 538°C)
- Audible and visible overrange indicators

#### Model 42540

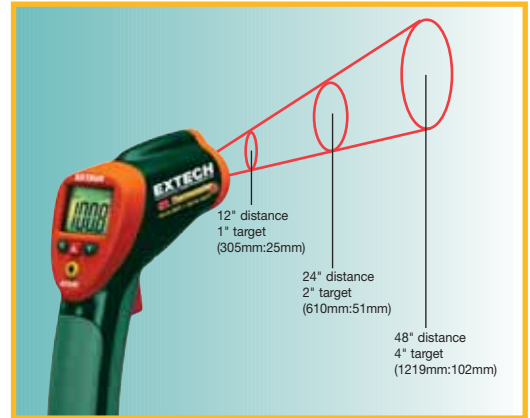
(High Temperature IR Thermometer)

- Widest temperature range from -58 to 1400°F (-50 to 760°C)
- High 12 to 1 distance to target ratio measures smaller surface areas at greater distances



Model 42510  
Wide Range  
Mini IR Thermometer

Model 42540  
High Temperature  
IR Thermometer



Narrow (12:1) distance to target ratio.

Specifications	42510 (Mini size)	42540
Range:	-58 to 1000°F (-50 to 538°C)	-58 to 1400°F (-50 to 760°C)
Basic Accuracy:	±2% of reading or ±4°F/±2°C (whichever is greater)	±2%+2°<932°F (500°C) ±2.5%+5°>932°F (500°C)
Max. Resolution:	0.1°F/°C; 1°F/°C	0.1°F/°C
Emissivity:	0.95 fixed	0.95 fixed
Field of View (Distance to Target):	8:1	12:1
Dimensions:	3.2x1.6x6.3" (82x42x160mm)	3.9x2.2x9" (100x56x230mm)
Weight:	6.4oz (180g)	10.2oz (290g)



Optional CA980  
carrying case for 42510



Optional CA986  
carrying case for 42540

### Ordering Information:

- 42510** .....Wide Range Mini IR Thermometer
- 42510-NIST** ....Wide Range Mini IR Thermometer with NIST Certificate
- 42540** .....High Temperature Mini IR Thermometer
- 42540-NIST** ....High Temperature Mini IR Thermometer with NIST Certificate
- CA980** .....Optional carrying case for 42510
- CA986** .....Optional carrying case for 42540 and 42545