



InfraRed Thermometers

Extech's non-contact InfraRed thermometers point and measure technology provide fast, easy and accurate readings for most surface temperature measurements.

Featuring Model 42510A

▶ Programmable Alarm

Adjustable High/Low set points alert user when temperature exceeds set point

▶ Adjustable Emissivity

For better accuracy on different surfaces

▶ Laser Pointer

Identifies target area and improves aim

▶ High Accuracy

With $\pm 1\%$ rdg basic accuracy and 0.1° resolution to 199.9°



Applications

Choose the best InfraRed Thermometer to fit your application needs by selecting the proper measurement range, field of view, resolution, and accuracy. Applications include Refrigeration, Boiler, Pavement, Printer/Copier, HVAC/R, Automotive, and Industrial Troubleshooting.

Order Meter with NIST Certificate*

All Extech meters come factory calibrated. For an additional charge, Extech will supply your meter with a Certificate of Calibration Traceable to N.I.S.T. with Data at multiple points. **To order meter with NIST:**

42500-NIST
42510A-NIST

*Only products listed are available with NIST Certificate. Meter must be ordered with NIST Certificate at time of purchase.



Mini size

IR100 446°F (230°C), 1:1, Mini IR Thermometer

Mini size design for the ultimate convenience and portability

- Measures non-contact surface temperature up to 446°F (230°C)
- Economical mini size design for convenience
- Automatic Data Hold when measure button is released
- Max Hold or Min Hold
- Lock feature for continuous scanning
- Fixed 0.95 emissivity covers 90% of surface applications
- Auto power off
- Complete with CR2032 3V battery

Specifications

Model	IR100
IR Temperature (Non-contact)	-31 to 446°F -35 to 230°C
Basic Accuracy	$\pm(2.0\%rdg)$ or $\pm 4^{\circ}F/2^{\circ}C$
Max. Resolution	0.1°
Emissivity	0.95 fixed
Field of view (Distance to Target)	1:1
Dimensions	3x1.6x0.7" (75x40x18mm)
Weight	1.5oz (43g)
CE	Yes
Warranty	1 year



Palm size

IR201 518°F (270°C), 6:1, Pocket Laser IR Thermometer

Handy troubleshooting thermometer with laser pointer

- Measures non-contact surface temperature up to 518°F (270°C)
- Economical small pocket size design for convenience
- Built-in laser pointer identifies target area
- Data Hold and Max Hold
- Auto power off
- Fixed 0.95 emissivity covers 90% of surface applications
- Complete with two AAA batteries and pouch case



Compact Handheld size

42500 500°F (260°C), 6:1, Compact Laser IR Thermometer

Compact thermometer measures up to 500°F (260°C)

- Built-in laser pointer identifies target area
- Backlighting
- Automatic Data Hold when trigger released
- Fixed 0.95 emissivity covers 90% of surface applications
- Auto power off
- Complete with 9V battery and pouch case



Compact Handheld size

42510A 1200°F (650°C), 12:1, Compact Laser IR Thermometer

Compact thermometer with high accuracy

- ✓ Adjustable high/low visual and audible alarm
- ✓ Adjustable emissivity for better accuracy on different surfaces
- Measures temperature from -58 to 1200°F (-50 to 650°C) with 0.1° resolution up to 199.9°
- Built-in laser pointer identifies target area
- Backlighting
- Overrange indicator
- Automatic Data Hold when trigger released
- MAX/MIN features display highest and lowest values
- Auto power off
- Complete with 9V battery and pouch case

IR201

-4 to 518°F
-20 to 270°C
±(2.5%rdg±3°F/2°C)

1°F/°C

0.95 fixed

6:1

3.7x2x1" (94x51x25mm)

2.7oz (76g)

Yes

1 year

42500

-4 to 500°F
-20 to 260°C
±2% of reading or
±4°F/±2°C (whichever is greater)

1°F/°C

0.95 fixed

6:1

3.2x1.7x6.7" (82x44x170mm)

4.9oz (140g)

Yes

✓3 years

42510A

-58 to 1200°F
-50 to 650°C
±(1% of reading + 2°F/1°C)

0.1°F/°C; 1°F/°C

0.1 to 1.00 Adjustable

12:1

3.2x1.6x6.3" (82x42x160mm)

6.4oz (180g)

Yes

✓3 years