EXTECH INSTRUMENTS
A FLIR COMPANY

Experience the Extech Advantage

PRODUCT DATASHEET

Dual Laser InfraRed Thermometers

Dual Laser Targeting

Indicates ideal measuring distance. Choose from 12" or 30" distance model where two laser points converge to 1" target spot



Features:

- Dual laser for accurate target
- White backlit dual LCD display
- Fast 0.15 second response time with Max display
- Adjustable emissivity increases measurement accuracy for different surface
- Adjustable High/Low set points with audible alarm alerts user when temperature exceeds the programmed set points
- Lock function for continuous readings
- Double molded housing
- Complete with pouch case and 9V battery



Fast response captures hot spots



Two laser points converge at a distance of 30"/76.2cm (model 42512) or 12"/30.5cm (model 42511) and form a 1" (2.5cm) spot.



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

Dual Laser

Our Fastest and Easiest-to-use IR Thermometer

- ✓Dual lasers identify exact measuring spot when they converge to a single spot
- ✓30" or 12" distance models
- ✓Fast response is ideal for quick checks of multiple spots in a process or for catching spikes in temperature

Specifications	42511	42512
Laser Convergence Distance	12" (30.5cm)	30" (76.2cm)
Range	-58 to 1100°F (-50 to 600°C)	-58 to 1832°F (-50 to 1000°C)
Repeatability	±0.5% or 1.8°F/1°C	±0.5% or 1.8°F/1°C
Basic Accuracy	±(1% of rdg + 2°F/1°C)	±(1% of rdg + 2°F/1°C)
Max resolution	0.1°F/°C	0.1°F/°C
Emissivity	0.10 to 1.00 Adjustable	0.10 to 1.00 Adjustable
Field of View (Distance to Target)	12:1	30:1
Dimensions	5.7x4x1.6" (146x104x43mm)	5.7x4x1.6" (146x104x43mm)
Weight	5.7oz (163g)	5.7oz (163g)

Ordering Information:

42511 .....12" distance Dual Laser InfraRed Thermometer
42512 .....30" distance Dual Laser InfraRed Thermometer
42512-NIST....30" dist. Dual Laser InfraRed Thermometer w/ Calibration Traceable to NIST.

CE 3 WARRANTY YEARS

Specifications subject to change without notice.
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