TECHNICAL DATA

Specifications

Temperature Range:	-26 to 2282°F (-32 to 1250°C)
Accuracy:	Basic:
	±1.8% of reading or 3.6°F (1.8°C), "or": choose whichever is greater
	Detailed:
	≥0°C: ±1.8°C or ±1.8% of reading, "or": choose whichever is greater
	Detailed:
	<0°C: ±(1.8°C+0.1°C/°C)
	≥32°F: ±3.6°F or ±1.8% of reading, "or": choose whichever is greater
	<32°F: ±(3.6°F+0.1°F/°F)
Resolution:	0.1°F (0.1°C)
Optical Resolution (D:S):	50:1
Laser Optimization Distance:	5.2' (1.6m)
Repeatability:	0.8°C or 0.8%, whichever is greater (1.8°F or 0.8%, whichever is greater)
Dual Laser:	Yes
Spectral Response:	8 to 14µm
Emissivity:	0.1 to 1.0 (Adjustable)
Response Time:	250ms
Backlit Display:	Yes (Color EBTN)
Display Hold:	Yes
High/Low Alarms:	Yes (audible and visual)
Alarm Indicators:	LED (High: Red, Low: Blue)
Max/Min:	Yes
Average and Differential:	Yes
F/C Switchable:	Yes
Trigger Lock:	Yes
Internal Memory:	Yes
Tripod Mountable:	Yes
Laser Class:	Class II
Low Battery Indicator:	Yes
Power Supply:	9V Battery
Battery Life:	Approx. 10 hours (with continuous use, backlight on)
Product Certifications:	CE, RoHS
Operating Temperature:	32 to 122°F (0 to 50°C)
Storage Temperature:	-4 to 140°F (-20 to 60°C)
Operating Humidity Range:	10 to 90%
Maximum Operating Altitude:	6561' (2000m)
Maximum Storage Altitude:	39370' (12000m)
Dimensions:	7 x 4.98 x 2" (179 × 126.5 × 53mm)
Weight:	10.95oz (310g)

Features

- Built-in laser pointer identifies target area
- User selectable °F or °C
- 50:1 Distance to Spot size ratio
- Bright color display (EBTN)
- Digitally adjustable emissivity
- Max, Min, Average and Differential readings
- Audible (beep) and visual (tri-color LED) user adjustable alarms
- Internal memory stores up to 5 pre-set high & low alarms and 5 emissivity settings
- Trigger lock and tripod mount for continuous monitoring
- Low battery indication and auto shut off
- Includes carrying case and battery

Tri-color LEDs quickly indicate when temperatures are within (green), above (red) or below (blue) set parameters.

Model	Description
R2330	Infrared Thermometer
R2330-NIST	Infrared Thermometer with NIST