



### TECHNICAL DATA

#### Specifications

Temperature Range:	-26 to 1472°F (-32 to 800°C)
Accuracy:	Basic: ±1.8% of reading or 3.6°F (1.8°C) Detailed: ≥0°C: ±1.8°C or ±1.8% of reading, whichever is greater <0°C: ±(1.8°C+0.1°C/°C) ≥32°F: ±3.6°F or ±1.8% of reading, whichever is greater, <32°F: ±(3.6°F+0.1°F/°F) 0.1°F (0.1°C)
Resolution:	30:1
Optical Resolution (D:S):	0.7°C or 0.7%, whichever is greater (1.5°F or 0.7%, whichever is greater)
Repeatability:	8 to 14µm
Spectral Response:	0.1 to 1.0 (Adjustable)
Emissivity:	250ms
Response Time:	Yes (Color EBTN)
Backlit Display:	Yes
Display Hold:	Yes (audible and visual)
High/Low Alarms:	LED (High: Red, Low: Blue)
Alarm Indicators:	Yes
Max/Min:	Yes
Average and Differential:	Yes
F/C Switchable:	Yes
Trigger Lock:	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 x 126.5 x 53mm)
Weight:	10.95oz (310g)

#### Features

- Built-in laser pointer identifies target area
- User selectable °F or °C
- 30:1 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
R2320	Infrared Thermometer
R2320-NIST	Infrared Thermometer with NIST