

TECHNICAL DATA

Specifications

Temperature Range:

Accuracy:

-26 to 1472°F (-32 to 800°C)

Basic: $\pm 1.8\%$ of reading or 3.6°F (1.8°C)

Detailed: $\geq 0^\circ\text{C}$: $\pm 1.8^\circ\text{C}$ or $\pm 1.8\%$ of reading, whichever is greater

$< 0^\circ\text{C}$: $\pm (1.8^\circ\text{C} + 0.1^\circ\text{C}/^\circ\text{C})$

$\geq 32^\circ\text{F}$: $\pm 3.6^\circ\text{F}$ or $\pm 1.8\%$ of reading, whichever is greater, $< 32^\circ\text{F}$: $\pm (3.6^\circ\text{F} + 0.1^\circ\text{F}/^\circ\text{F})$

0.1°F (0.1°C)

Resolution:

Optical Resolution (D:S):

Repeatability:

30:1

0.7°C or 0.7%, whichever is greater

(1.5°F or 0.7%, whichever is greater)

8 to 14μm

0.1 to 1.0 (Adjustable)

250ms

Yes (Color EBTN)

Yes

Yes (audible and visual)

LED (High: Red, Low: Blue)

Yes

Yes

Yes

Yes

Yes

Class II

Yes

9V Battery

Approx. 10 hours (with continuous use, backlight on)

CE, RoHS

32 to 122°F (0 to 50°C)

-4 to 140°F (-20 to 60°C)

10 to 90%

6561' (2000m)

39370' (12000m)

7 x 4.98 x 2"

(179 x 126.5 x 53mm)

10.95oz (310g)

Product Certifications:

Operating Temperature:

Storage Temperature:

Operating Humidity Range:

Maximum Operating Altitude:

Maximum Storage Altitude:

Dimensions:

Weight:



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