

## **Infrared Thermometer**Model **R2310**





## **Features**

- Built-in laser pointer identifies target area
- User selectable °F or °C
- 12:1 distance to spot size ratio
- Digitally adjustable emissivity
- Max, Min, Average and Differential readings
- Backlit display
- High and low alarms
- Dustproof and Drop tested
- Trigger lock for continuous monitoring
- Low battery indication and auto shut off
- Includes carrying case and battery

## TECHNICAL DATA Specifications

Temperature Range -31 to 1202°F

(-35 to 650°C)

Accuracy  $\geq 32^{\circ}F (0^{\circ}C):\pm 3.6^{\circ}F (1.8^{\circ}C)$ 

or ±1.8% rdg., whichever is greater

<32°F (0°C):±3.6°F+0.1°F/°F

(1.8°C+0.1°C/°C)

Resolution: 0.1°F (0.1°C)

Optical Resolution (D:S): 12:1
Spectral Response: 8 to 14µm

Emissivity: 0.1 to 1.0 (Adjustable)

Response Time: 250ms
Backlit Display: Yes
Display Hold: Yes
High/Low Alarms: Yes

Alarm Indicators: LED (High: Red, Low: Blue)

Max/Min: Yes
Average and Differential: Yes
F/C Switchable: Yes
Trigger Lock: Yes
Tripod Mountable: Yes

Drop Tested: Yes, 9.8' (3M)

Laser Type: Class II
Low Battery Indicator: Yes

Power Supply: 9V battery

Battery Life: Approx. 10 hours

(with continuous use,

backlight on)

Product Certifications: CE, RoHS, IP65,

Drop Tested

Operating Temperature: 32 to 122°F (O 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: 7.4 x 4.7 x 2.2"

(189 x 118 x 55mm)

Weight: 10.3oz (292g)

Model	Description
R2310	Infrared Thermometer
R2310-NIST	Infrared Thermometer with NIST