



### 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	≥32°F (0°C): ±3.6°F (1.8°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 (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:	7.4 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