# **REED** INSTRUMENTS

## **Infrared Thermometer**

Model R2320





#### 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.



#### **Specifications**

Temperature Range: Accuracy:

Resolution: Optical Resolution (D:S): Repeatability:

Spectral Response: Emissivity: Response Time: Backlit Display: **Display Hold:** High/Low Alarms: Alarm Indicators: Max/Min: Average and Differential: F/C Switchable: Trigger Lock: Tripod Mountable: Laser Class: Low Battery Indicator: Power Supply: Battery Life:

Product Certifications: Operating Temperature: Storage Temperature: Operating Humidity Range: Maximum Operating Altitude: Maximum Storage Altitude: Dimensions:

#### TECHNICAL DATA

-26 to 1472°F (-32 to 800°C) 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) 30:1 0.7°C or 0.7%, whichever is greater (1.5°F or 0.7%, whichever is greater) 8 to 14um 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 (O 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)

Weight:

Model	Description
R2320	Infrared Thermometer
R2320-NIST	Infrared Thermometer with NIST

### **REED Instruments**

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