

# Blue Gizmo Infrared Thermometer BG 42R

Ask about  
Traceable Calibration



## Features

- Laser sighting
- MIN, MAX, AVG functions
- 3 Selectable Emissivity
- Compact and easy to carry
- Backlit LCD Display
- Dual Display

## Applications

- Electrical troubleshooting
- Automotive repair and maintenance
- Air conditioner
- Science experiment
- Manufacturing processes of semiconductor technology
- Food safety and processing
- Perform HVAC energy audits

## SPECIFICATIONS

Distance/ Spot Ratio	12 :1
Temperature Range	-35 to 630°C(-31 to 1166°F)
Accuracy	±2.5°C (±4.5°F) from -35 to 0°C (-31 to 32°F) ±1.5°C (±2.7°F) from 0 to 100°C (32 to 212°F) ±2% from 100 to 630°C (212 to 1166°F)
Thermopile	5 - 14 μm
Repeatability	± 1°C (± 2°F)
Resolution	0.1°C or 0.1°F
Response Time	500 ms
Supply Voltage	9 V
Adjustable Emissivity	0.30 / 0.70 / 0.95
Lens	Fresnel
Operating Environment	0 to 50°C (32 to 122°F), 10 to 90% RH
°C/ °F Switchable	YES
Backlight	YES
Laser Sight Switchable	YES
Max/ Min/ Avg	YES
10 Point Memory	YES
Dual Display	YES
Dimensions	156x100x32 mm(6.14"x3.94"x1.26")
Weight	Approx.136 g(4.8 oz.)

## MODEL

## DESCRIPTION

BG 42R CAL*	Blue Gizmo Infrared Thermometer Supplied with carrying pouch Traceable Calibration Certificate with Data*
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\* Traceable calibration is not included.

Temperature

Calibrator

Pressure

Humidity

Recorder &  
Dataloggers

Air Flow

Level & Flow

Portable  
Instruments

EX Proof / IS

Environment

Aerospace