Blue Gizmo Infrared Thermometer with K-Type thermocouple built-in-jack BG 55

Ask about Traceable Calibration

Blue Gizmo™ Your Ultimate Measuring Solution

Type-K thermocouple is available upon request.

Features

- High / Low Alarm
- MIN, MAX, AVG functions
- Adjustable Emissivity
- Compact and easy to carry
- Large LCD Display
- Built-in K-Type thermocouple socket
- Circle Laser
- Point and Shoot Concept

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

	IR Scan Function	Thermocouple Probe Function
Measurement Range	-60 to 500 °C (-76 to 932 °F)	-64 to 1400 °C (-83.2 to 1999 °F)
Accuracy (T_{obj} = 15~35°C, T_{amb} = 25°C)	±1.0 °C (1.8 °F)	
Accuracy (T_{amb} = 25°C)	T_{obj} = >0 : ±2% of reading or 2°C whichever is greater T_{obj} = -60~0 : ± (2+0.05/deg) °C	±1% of reading or 1°C whichever is greater (Test under T_{amb} = 23 ±6°C
Emissivity Range	Adjustable 0.1 to 1 step .01 (Default 0.95)	
Spectral Response	8 ~ 14 µm spectrum	
Operating Range	0 to 50 °C (32 to 122 °F)	
Resolution (-9.9 ~ 199.9 °C/°F)	0.1°C / 0.1 °F, otherwise 1°C / 1°F	
Response Time (90%)	1 sec	
Distance : Spot	12 : 1	
Battery Life	Typ. 180 min, 140 hours continuous use (Alkaline, without laser)	
Dimension	141.45 x 134.41 x 41.97 mm	
Weight	170g including batteries (AAA x 2pcs)	

****Note: Under the electromagnetic field of 3V/m from 200 to 600 MHz, the max error is 10°C (18°F)**

MODEL

BG55	Infrared thermometer with K-type thermocouple built-in jack
K-type thermocouple	Available upon request