Temperature
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Traceable Calibration

Blue Gizmo™
Your Ultimate Measuring Solution

Infrared Thermometer BG 45R

Features

- E-SMART: With the cross reference of Thermocouple K and Infrared measurement, our build-in software can self-detect the emissivity of the object reover, the noticeable color signs alert the user when the temperature over the setting point of alarm temperature.

- CIS: Noticeable color signs alert the users when the temperature over the setting point of alarm temperature.

- Thermocouple Connector

with K-type thermocouple built-in jack!

SPECIFICATIONS

Distance/Spot Ratio	12:1
Temperature Range	-32~535°C(-25~999°F)
Accuracy (Assumes Operation	±3°C(±5°F)From-32~-20°C(-25~-4°F)
Ambient Temperature of 25°C/77°F)	±2°C(±3°F)From-20~100°C(-4~212°F)
	±2% Above100°C(212°F)
Thermopile	5~14µm
Repeatability	±1°C(±2°F)
Resolution	0.1°C(0.1°F)
Response Time	500ms
Operation Temp	0~50°C(32~122°F),10~90%RH
Auto Power Off	Automatically after approx. 6sec
Emissivity	Adj 0.1 to 1.0
Thermocouple (K)	YES
eSmart	YES
CIS	YES
Audio Alarm	YES
°C/°F Switchable	YES
Backlight	YES
Laser Sight Switchable	YES
Max/Min/Avg./ΔT	YES
Auto-measuring	YES
10 point memory	NO
Battery Type	9V , 006P , IEC6F22 , NEDA1604
Dimensions	180×130×40 mm(7.09" ×5.12" ×1.57")
Weight	195g Approx
Accessories	9V Battery , Instruction manual , Carrying case

MODEL	DESCRIPTION
BG 45R	Blue Gizmo Infrared Thermometer