

Noncontact Infrared Thermometer

Ask about
Traceable Calibration



Features

- Measures -60 to 500°C (-76 to 932°F)
- Distance:Spot = 11 : 1
- Bright laser pointing
- Large backlight LCD display
- °C/°F with 0.1 degree resolution
- Adjustable emissivity
- MAX, MIN, DIFF and AVERAGE
- LOCK for continuous monitoring
- Programmable HI/LO Alarms

Applications

Maintenance & Facilities, Automotive and Diesel, Electrical and Industrial, Food Safety and HVAC.



The BG 45 thermometer offers the ultimate in temperature measurement flexibility with its **built-in jack for an optional K-type thermocouple probe**, programmable HI/LO temperature alarms and adjustable emissivity for more accurate temperature measurements.

SPECIFICATIONS

Measurement Range	-60 to 500°C (-76 to 932°F)
Operation Range	0 to 50°C (32 to 122°F)
Accuracy, Tobj=15 to 35°C, Tamb=25°C	±1.0°C
Full Range Accuracy	±2% of reading or 2°C (whichever is greater)
Resolution (-9.9 to 199.9°C)	0.1°C /0.1°F
Response Time (90%)	1 sec
Spectral Response	8 to 14 μm
Distance:Spot	11:1
Emissivity Range	0.1 to 1 step.01
Update Frequency	1.4Hz
Dimensions	175.2 (H) x 39.0 (W) x 71.9 (D)mm
Battery	AAA x 2 (Alkaline)
Battery Life	180 hrs typical (without laser or LCD backlight)
Weight	137g including batteries
Mode	Max, Min, Dif, Ave, Lock, HI/Low alarm
Thermocouple Probe	Small Socket, K type, 12 minutes auto Power off
Measurement Range	-64 to 1400°C
Probe Accuracy	+/-1% of reading or 1°C (whichever is greater)

Catalog No.	Model	Description
TMO-IR-BG45	BG45	Noncontact Infrared Thermometer BG45, Range: -60 to +500°C
S19	-	Traceable Calibration Certificate with Data