



IR Thermometer with mini K-type connection

Bg45 hand held IR thermometer offers laser sighting for easy use and offer the best of both worlds to measure contact and non-contact temperatures. A mini built-in jack for K-type thermocouple connection neatly positioned in the handle to make them the ultimate hand held thermometers.

K-type thermocouple probe is an optional accessory.

Programmable HI/LO temperature alarms and adjustable emissivity for more accurate temperature measurements are other features available in addition to dual display for temperature (IR and probe), Min, Max & Average

Application:

For general use in maintenance & facilities, automotive and diesel, electrical and industrial, food safety and HVAC

Specifications:

IR Temperature Range	-60...500°C
IR accuracy for 15...35°C	±1°C @ ambient temp of 25°C
Full range accuracy	±2% of reading or 2°C whichever is greater
Thermocouple range	-64...1400°C
Thermocouple accuracy	±1 % of reading or 1°C (whichever is greater)
Operation Range	0...50°C
Spectral response	8...14µm
Distance/Spot Ratio	11:1 (at 1m distance the spot size is 9cm)
Emissivity	Adjustable 0.1 to 1.0 step of 0.01
Update frequency	1.4 Hz
Response time (90%)	1 sec
Resolution (-9.9 to 199.9°C)	0.1°C
Thermocouple probe	Small socket, K-type
Laser Sight Switchable	YES
Modes available	Max, Min, Avg., ΔT, HI/LO alarm (programmable) and lock for continuous monitoring
Battery Type	AAA x 2 (Alkaline)
Battery life	180 hrs typical (without laser or LCD backlight)
Dimensions	175.2(H) x 39.0 (W) x 71.9 (D) mm
Weight	137g Approx.