

Multifunction Infrared Thermometer

Model: KC-188A

User's Manual



Multifunction Infrared Thermometer Introduction

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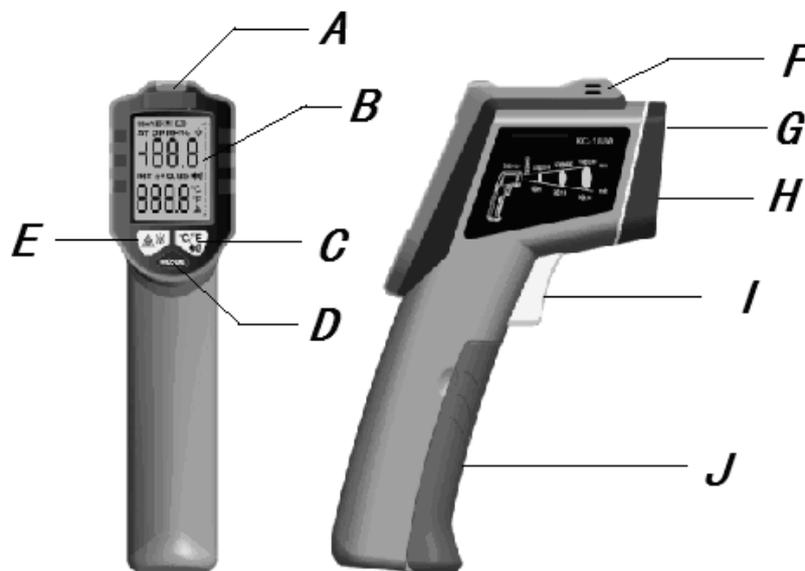
Product Description

KC-188A Multifunction Infrared Thermometer is mainly used for non-contact measuring surface temperature, environment temperature and relative humidity, and also can calculate the dew point temperature. It can remind the mildew possibility through sound and light.

It has the advantages of low consumption and LCD screen. It can measure ambient temperature, humidity and dew point in shopping mall, wagon box, warehouse and bedroom. It has the function of auto save the measuring data and laser pointer. Its easy operation and portability design makes it widely used for applications of finding the hot spot of electric connection and bearing, measuring the hot and high-frequency objects, monitoring food processing and storage, inspecting temperature leak for heating & refrigeration system, inspecting temperature for technics control of metallurgy industry. Inspecting temperature during laying asphalt and fire-control work, or any others. It is a good helper for the metallurgy, the electric power, the chemical industry, the rubber, the spinning and weaving, the plastic, the papermaking and the food processing, etc.

KC-188A is Class II laser product and accords with EN60825-1 safety standard.

Product Overview



A: Color LED indication for mildew possibility

B: LCD screen

C: Unit switch + mute button

D: Mode switch + Emissivity switch+ power off

E: laser control

F: Environment parameters sensor part

G: Laser window

H: Infrared sensor

I: Measuring Trigger

J: Battery compartment

Technical Specifications

Product name		Multifunction Infrared Thermometer	
Model		KC-188A	
Surface temperature measurement range		-50°C ~ +350°C (-58°F ~ 662°F)	
Environment temperature measurement range		-10°C ~ +40°C (14°F ~ 104°F)	
Relative humidity measurement range		10% ~ 90%	
Measurement accuracy	For surface temperature	<0°C (<32°F)	±3°C (±5.4°F)
		>0°C (>32°F)	±2% of reading or ±2°C (±3.6°F) (whichever is greater)
	For environment temperature	±1.5°C (±2.7°F)	
	For relative humidity	<20%	±4%RH
		20~60%	±2%RH
		>60%	±3%RH
D:S		12: 1	
Emissivity		0.75, 0.85, 0.95 adjustable	
Laser grade		Class II	
Laser type		630~660nm, <1mW	
Power supply		9V battery(6F22/6LR61)	
Continuous operating life time for battery		>6 hours	
Auto power off		1 minutes inactivity	
Operating temperature range		-10°C ~ +40°C (14°F ~ 104°F)	
Operating humidity		0~95%RH non-condensing	
Storage temperature		-20°C ~ 70°C (-4°F ~ 158°F), ≤85% (w/o battery)	
Product dimension		170mm × 135mm × 50mm	
Product weight		About 168g (w/o battery)	