

# Professional InfraRed Thermometers with Multipoint Laser targeting



Fast response time 0.15 sec.



Built-in Multipoint Laser Pointers focus target (calibrated distance)  
High accuracy (1.0%) measurement



Triple LCD display indicates Infrared Temperature, Dew-point Temperature & Humidity readings.

Green, Red & Blue backlight: Normal, Higher & Lower temperature indications



Double molded housing design



## Applications

- Plant/General Maintenance
- HVAC/R
- Transportation/Automotive

- Cooling and Reheating
- Serving areas
- Food service Equipment
- Cold storage



● Multipoint laser pointers

8870/8871/8872/8873 Series compact Infrared Thermometers provide much faster and more accurate readings for Infrared Temperature, Dew-point Temperature & Humidity.

- 150ms faster sampling time
- 1% accuracy

- Dust and water-proof: IP54 rated for dust/water proof
- Rugged: 3 m (9.8 ft) drop tested
- Ergonomically designed: Completely redesigned for a more natural hand fit
- Distance to spot: Precise laser technology makes for more accurate and repeatable measurements
- Min/Max/Avg/Dif: Displays the minimum, maximum or average temperature, or the difference between two measurements
- Alarm: Hi and Lo alarms for rapid display of measurements outside the limits
- T-Sound: Changeable beeper indication by Temperature
- Green, Red & Blue backlight: Normal, Higher & Lower temperature indications
- Accurate readings for Infrared Temperature, Dew-point Temperature & Humidity.

## Features

	8870	8871	8872	8873
User selectable °C or °F	*	*	*	*
Multipoint laser targeting	*	*	*	*
Automatic Data Hold	*	*	*	*
Auto Power Off	*	*	*	*
White Backlit LCD Display	*	*	*	*
Overrange indication	*	*	*	*
Trigger lock for continuous use	*	*	*	*
Max/Min/Avg/Dif selectable	*	*	*	*
Adjustable Auto Power off Time	*	*	*	*
High and low alarm	*	*	*	*
Adjustable emissivity	*	*	*	*
Optical Resolution	12:1	16:1	20:1	30:1
Green, Red & Blue backlight : Normal, Higher & Lower temperature indications	*	*	*	*
Infrared Temperature, Dew-point Temperature & Humidity readings.	*	*	*	*

## Specifications

	8870	8871	8872	8873
IR Temp. Range	-50°C to 650°C -58°F to 1202°F	-50°C to 800°C -58°F to 1472°F	-50°C to 800°C -58°F to 1472°F	-50°C to 1000°C -58°F to 1832°F
IR Temp. Resolution	0.1° up to 1000°, 1° over 1000°			
Emissivity	Adjustable 0.10~1.0			
Basic Accuracy	±1.0% of reading			
Humidity	0~100%RH			
Humidity Accuracy	±2.5%RH(20%~80%RH)			
Dew Point Temp.	-30~100°C/ -22~199°F; Basic Accuracy: ±2.0% of reading			
Wet Bulb Temp.	-30~100°C/ -22~199°F; Basic Accuracy: ±2.0% of reading			
Response Time	Less than 150ms			
Spectral response	8-14μm			

Size(HxWxD): 146mm x 104mm x 43mm

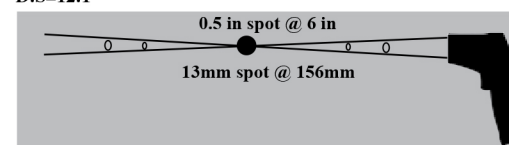
Weight: 163g

Accessories:

9V battery, Carrying case and Gift box.

Distance (D) to Spot size(S)

D:S=12:1



(Unit: mm)



Model 8870



Model 8873