

St

# Professional InfraRed Thermometers with Dual Laser targeting



Fast response time 0.15 sec.



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



Triple LCD display indicates Reading, Max reading and Functions at same time.

High contrast LCD with white backlight



Double molded housing design



8860B/8861B/8861/8862 Series compact Infrared Thermometers provide much faster and accurate readings for most surface temperature measurements.

Two laser points converge to a single spot when the unit is at the optimal distance from the object being measured (8861B/8861/8862).

## Applications

- Plant/General Maintenance
- HVAC/R
- Transportation/Automotive
- Cooling and Reheating
- Serving areas
- Food service Equipment
- Cold storage

# ST-8862 Series

## Professional InfraRed Thermometers with Dual Laser Targeting

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Worldwide Patent:  
PCT/CN2012/082197



- 150ms faster sampling time
- 1% accuracy



Model 8862MAX<sup>+</sup>



EMC  
EN: 61326  
EN: 60825-1



### Key Benefits

- T-Sound: Changeable beeper indication by Temperature
- Green, Red & Blue backlight: Normal, Higher & Lower temperature indications



Model 8862 series



Model 8863/8865

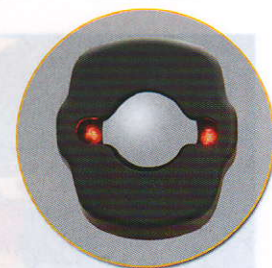
### Features

	8860B	8861B	8861	8862	8862MAX <sup>+</sup>	8863	8865
User selectable °C or °F	*	*	*	*	*	*	*
Dual laser targeting	Single laser	*	*	*	*	*	*
Automatic Data Hold	*	*	*	*	*	*	*
Auto Power Off	*	*	*	*	*	*	*
White Backlit LCD Display	*	*	*	*	*	*	*
Overrange indication	*	*	*	*	*	*	*
Trigger lock for continuous use	*	*	*	*	*	*	*
Max display	*	*	*	*	*	*	*
High and low alarm			*	*	*	*	*
Adjustable emissivity		*	*	*	*	*	*
Optical Resolution	12:1	12:1	12:1	12:1	20:1	20:1	30:1
Green, Red & Blue backlight: Normal, Higher & Lower temperature indications					*		
T-Sound: Changeable beeper indication by Temperature					*		



### Specifications

	8860B	8861B	8861	8862/8862MAX <sup>+</sup>	8863	8865
IR Temp. Range	-50°C to 450°C -58°F to 842°F	-50°C to 450°C -58°F to 842°F	-50°C to 550°C -58°F to 1022°F	-50°C to 650°C -58°F to 1202°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	Fixed at 0.95		Adjustable 0.10~1.0			
Basic Accuracy	±1.0% of reading					
Response Time	Less than 150ms					
Spectral response	8-14µm					

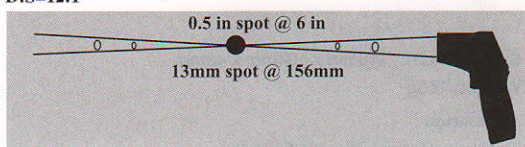


High Quality Lens & Dual laser pointers

Size(HxWxD): 146mm x 104mm x 43mm  
Weight: 163g

Accessories:  
9V battery, Carrying case and Gift box.

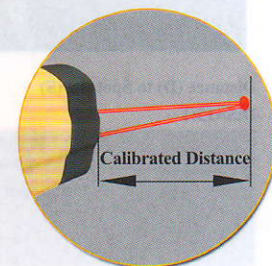
Distance (D) to Spot size(S)  
D:S=12:1



(Unit: mm)



Triple LCD display with white backlight



Accurate Measurement