

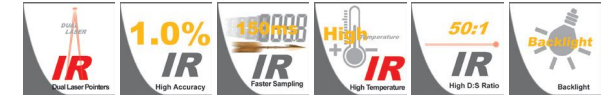
# Professional High Temperature InfraRed Thermometers



EMC  
EN: 61326  
EN: 60825-1

### Applications

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



8867H/8868/8868H/8869/8869H Series provide much faster, easy and accurate readings for most surface temperature measurements with Dual laser pointers.

Two laser points converge to a single spot when the unit is at the optimal distance from the object being measured.

- 150ms faster sampling time with 1% accuracy
- High 50 to 1 distance to target ratio measures smaller surface areas at greater distances
- Widest temperature range
- Unique flat surface, modern housing design
- Built-in dual laser pointers for accurate targeting
- Automatic Data Hold & Trigger Lock
- Max, Min, DIF, AVG record
- High and low alarm
- Emissivity Digitally adjustable from 0.10 to 1.0
- USB interface
- Compatible with all standard connector Type K thermocouples

### Features

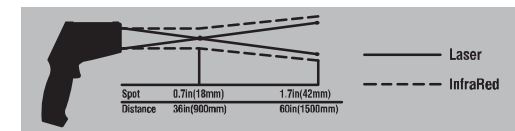
- User selectable °C or °F
- Dual Laser targeting
- Automatic Data Hold
- Auto Power Off
- White Backlit LCD Display
- Overrange indication
- High Temperature
- Max, Min, DIF, AVG record
- High / low alarm, Trigger lock
- Adjustable emissivity
- Reading memory (8868/8869/8868H/8869H)
- Type K input
- USB interface

Model 8869

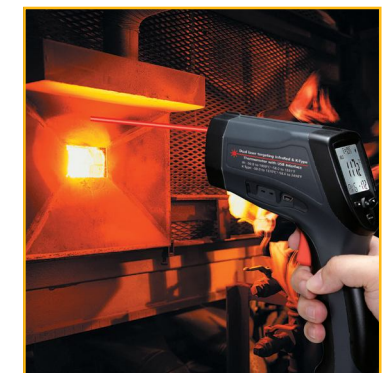


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Distance (D) to Spot size(S)  
D:S=50:1(8869)



(Unit: mm)



### Specifications

	8867H	8868	8869	8868H	8869H
IR Temp. Range	-50°C to 1650°C/ -58°F to 3002°F	-50°C to 1200°C/ -58°F to 2192°F	-50°C to 1600°C/ -58°F to 2912°F	-50°C to 1850°C/ -58°F to 3362°F	-50°C to 2200°C/ -58°F to 3992°F
Response Time	Less than 150ms	Less than 150ms	Less than 150ms	Less than 150ms	Less than 150ms
Resolution	0.1° up 1000°, 1° over 1000°	0.1° up 1000°, 1° over 1000°	0.1° up 1000°, 1° over 1000°	0.1° up 1000°, 1° over 1000°	0.1° up 1000°, 1° over 1000°
Basic Accuracy (IR)	±1.0% of reading	±1.0% of reading	±1.0% of reading	±1.0% of reading	±1.0% of reading
Optical Resolution	30:1 Distance to Spot size	50:1 Distance to Spot size	50:1 Distance to Spot size	50:1 Distance to Spot size	50:1 Distance to Spot size
Emissivity	Adjustable 0.10-1.0	Adjustable 0.10-1.0	Adjustable 0.10-1.0	Adjustable 0.10-1.0	Adjustable 0.10-1.0
Type K Temp. Range	-50°C to 1370°C/ -58°F to 2498°F	-50°C to 1370°C/ -58°F to 2498°F	-50°C to 1370°C/ -58°F to 2498°F	-50°C to 1370°C/ -58°F to 2498°F	-50°C to 1370°C/ -58°F to 2498°F
Basic Accuracy (TK)	±1.5% of reading	±1.5% of reading	±1.5% of reading	±1.5% of reading	±1.5% of reading
Readings memories		99	99	99	99

Size(HxWxD): 204mm x 155mm x 52mm  
Weight: 320g

Accessories:  
9V battery, USB Cable, Tripod, Software, Type-K temperature probe,  
Carrying case and Gift box