



DT-8838/8839/8858/859

Performance High Temperature InfraRed Thermometers

DT-8838/8839/8858/8859 Series provide fast, easy and accurate readings for most surface temperature measurements.

150ms faster sampling time with 1% accuracy (8859H)

High 50 to 1 distance to target ratio measures smaller surface areas at greater distances

Widest temperature range from -50.0 to 1600°C/-58.0 to 2912°F (8859/8859H)

Unique flat surface, modern housing design

Built-in laser pointer

Automatic Data Hold

Max, Min, DIF, AVG record

High and low alarm

Adjustable emissivity




Features	DT-8838	DT-8839	DT-8858	DT-8859
Optical Resolution (D:S)	30:1	50:1	50:1	50:1
High Temperature	1000°C/1832°F	1000°C/1832°F	1300°C/2372°F	1600°C/2912°F
User selectable °C or °F	*	*	*	*
Laser targeting	*	*	*	*
Automatic Data Hold	*	*	*	*
Auto Power Off	*	*	*	*
White Backlit LCD Display	*	*	*	*
Overrange indication	*	*	*	*
Max, Min, DIF, AVG record	*	*	*	*
High / low alarm, Trigger lock	*	*	*	*
Adjustable emissivity	*	*	*	*

Size(HxWxD): 220mm x 120mm x 56mm

Weight: 290g

Specifications	DT-8838	DT-8839	DT-8858	DT-8859
Range	-50°C to 1000°C/ -58°F to 1832°F	-50°C to 1000°C/ -58°F to 1832°F	-50°C to 1300°C/ -58°F to 2372°F	-50°C to 1600°C/ -58°F to 2912°F
Response Time	Less than 1 second	Less than 1 second	Less than 1 second	Less than 1 second
Optical Resolution (D:S)	30:1	50:1	50:1	50:1
Resolution	0.1° up to 2000°, 1° over 2000°			
Basic Accuracy	±1.5% of reading or ±2°C/±4°F			
Emissivity	Adjustable 0.10~1.0			

Applications

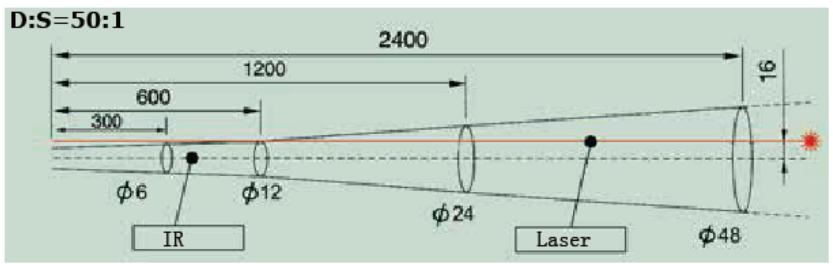


50 : 1 distance to spot size

High Temperature 1600°C (2912°F)

Distance (D) to Spot size(S)

D:S=50:1



(Unit: mm)

High Temperature

IR

High Temperature

50:1

IR

High D:S Ratio

Backlight

IR

Backlight

Accessories:

9V battery, Carrying case and Gift box.