



DT-8830/8831/8832/8833/8833H/8835

DT-8830/8831/8832/8833/8833H/8835/8835 5TS compact Infrared Thermometers provide fast, easy, and accurate readings for most surface temperature measurements with Type K Input and 20 Points Memory.

IR Thermometer with Type K Input and 20 Points Memory

Automatic capture emissivity for targeting



Features	DT-8830	DT-8831	DT-8832	DT-8833	DT-8833H	DT-8835
User selectable °C or °F	*	*	*	*	*	*
Laser targeting	*	*	*	*	*	*
Automatic Data Hold	*	*	*	*	*	*
Auto Power Off	*	*	*	*	*	*
White Backlit LCD Display	*	*	*	*	*	*
Overrange indication	*	*	*	*	*	*
Trigger lock	*	*	*	*	*	*
Max, Min, DIF, AVG record	*	*	*	*	*	*
High and low alarm	*	*	*	*	*	*
Adjustable emissivity	*	*	*	*	*	*
Type K temperature measurement	*	*	*	*	*	*
Max. Temperature	380°C/716 °F	480°C/896 °F	580°C/1076 °F	800°C/1472 °F	850°C/1562 °F	1050°C/1922 °F
Optical Resolution	13:1				30:1	

Specifications	DT-8830	DT-8831	DT-8832	DT-8833	DT-8833H	DT-8835
IR Temp. Range	-32°C to 380°C / -25.6°F to 716°F	-32°C to 480°C / -58°F to 896°F	-32°C to 580°C / -58°F to 1076°F	-50°C to 800°C / -58°F to 1472°F	-50°C to 850°C / -58°F to 1562°F	-50°C to 1050°C / -58°F to 1922°F
Optical Resolution	13:1				30:1	
IR Temp. Resolution	0.1°C/°F					
Type K Temp. Range	-50°C to 1370°C / -58°F to 2498°F					
Type K Temp. Resolution	0.1° up to 2000°, 1° over 2000°					
Response Time	Less than 1s					
Basic Accuracy	±1.5% of reading					
Emissivity	Adjustable 0.10~1.0					

Applications



- IR Thermometer with Type K Input and 20 Points Memory
- Automatic capture emissivity for targeting

· 30:1 distance to spot size

Distance (D) to Spot size(S)

D:S=30:1

(Unit: mm)

