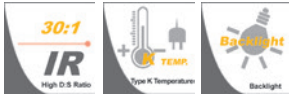


# DT-8830/8831/8832/8833/8833H/8835/8835TS

Professional InfraRed Thermometers with Type K Input

CEM



Worldwide Patent:  
PCT/CN2012/082197

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

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

30 : 1 distance to spot size



Model 8830



Model 8831



Model 8832

Features	8830	8831	8832	8833	8833H	8835/8835TS
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 measurements	*	*	*	*	*	*
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	
Green, Red & Blue backlight: Normal, Higher & Lower temperature indications (8835TS)						
T-Sound: Changeable beeper indication by Temperature (8835TS)						

Specifications	8830	8831	8832	8833	8833H	8835/8835TS
IR Temp. Range	-32°C to 380°C -25.6°F to 716°F	-32°C to 480°C -25.6°F to 896°F	-32°C to 580°C -25.6°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 1 second					
Basic Accuracy	±1.5% of reading					
Emissivity	Adjustable 0.10~1.0					

Size(HxWxD): 180mm x 106mm x 48mm  
Weight: 250g

Accessories:  
9V battery, Carrying case, clamshell and type K temperature probe



EMC  
EN: 61326  
EN: 60825-1



Temperature probe  
(Optional: NR-31B / TP-500 / TCP-100)



Thermistor clamp



TCP-100

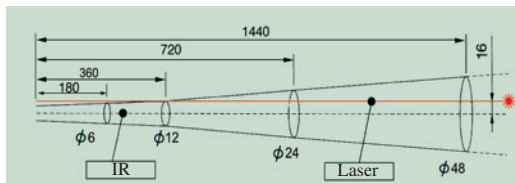
## Applications

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

Distance (D) to Spot size(S)

D:S=30:1

(Unit: mm)



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