



Model 8830



Model 8831



Model 8832

8830/8831/8832/8833 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
- Widest temperature range from -50.0 to 800°C (-58.0 to 1472°F)
- Unique flat surface, modern housing design
- Built-in laser pointer
- Type K temperature measurements
- Automatic capture emissivity for targeting
- Automatic Data Hold
- Max, Min, DIF, AVG record
- High and low alarm
- Adjustable emissivity



● 13 : 1 distance to spot size

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

| Features | 8830 | 8831 | 8832 | 8833 |
|---------------------------------|-------------|-------------|--------------|--------------|
| 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 |
| Optical Resolution | 13:1 | | | |

| Specifications | 8830 | 8831 | 8832 | 8833 |
|-------------------------|------------------------------------|------------------------------------|-------------------------------------|-----------------------------------|
| 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 |
| Optical Resolution | 13:1 | | | |
| 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



EMC
EN: 61326
EN: 60825-1



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



Thermistor clamp

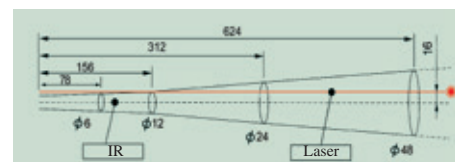


TCP-100

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=13:1 (Unit: mm)



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

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

Worldwide Patent:
PCT/CN2012/082197



● 30 : 1 distance to spot size

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

- IR Thermometer with Type K Input and 20 Points Memory
- High 30:1 distance to target ratio measures smaller surface areas at greater distances
- Widest temperature range from -50.0 to 1050°C (-58.0 to 1922°F)
- Unique flat surface, modern housing design
- Built-in laser pointer
- Type K temperature measurement
- Automatic capture emissivity for targeting
- Automatic Data Hold
- Max, Min DIF, AVG record
- High and low alarm
- Adjustable emissivity



EMC
EN: 61326
EN: 60825-1



Model 8833H/8835

| Features | 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 | * | * |
| High Temperature | 850°C/1562°F | 1050°C/1922°F |
| Optical Resolution | 30:1 | 30:1 |
| Green, Red & Blue backlight: Normal, Higher & Lower temperature indications (8835TS) | | |
| T-Sound: Changeable beeper indication by Temperature (8835TS) | | |

| Specifications | 8833H | 8835/8835TS |
|-------------------------|------------------------------------|-------------------------------------|
| IR Temp. Range | -50°C to 850°C/ -58°F to 1562°F | -50°C to 1050°C/ -58°F to 1922°F |
| Optical Resolution | 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



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



Thermistor clamp



TCP-100

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



Model 8835TS



Distance (D) to Spot size(S)
D:S=30:1 (Unit: mm)

