



Model 886



886 Infrared Ear Thermometer measures the kind of temperature from the eardrum has been found to be a clinically reliable indicator of body core temperature. It is a high quality product incorporating the latest technology and tested in accordance with international standard. It performs a self-test every time and can be used by consumers in household environment and doctor in clinic as reference.

Features

Unique Thermocouple Feedback system confirms the thermometer is in the correct position and then confirms an accurate temperature reading has been taken by a constant light and a beep
Temperature results in degrees °C or degrees °F
Accurate and safe for newborns and the whole family, new ultra soft and gentle tip is warmed up for accuracy and extra comfort. Memory recalls last 8 temperatures

Specifications

Temperature unit	°C/°F
Body Temperature range	32.0°C-42.9°C(95°F-109°F)
Basic accuracy	35.5°C-42.0°C(10.1°F-107.6°F)
Resolution	0.1°C/0.1°F
Response time	0.5S
Operating environment	5°C-40°C (41°F-104°F) / 15-95%RH

Size(HxWxD): 150mm x 50mm x 33mm Accessories:
Weight: 65g 2x1.5V batteries, Gift box.

DT-137 Electron Clinical Thermometer



Model 137



The special-purpose of electron clinical thermometer is body temperature measuring, offering safe, accurate and quick temperature readings. Select oral, rectal or axillary as your measurement site. No need to worry about broken glass or mercury hazards.

Specifications

Measurement range	32.0°C - 42.9°C(89.6°F-109.2°F)
Measurement accuracy	±0.1°C(0.2°F) between 35°C to 42°C (95°F to 107.6°F)
Operating Temperature	10°C to 40°C(50°F to 104°F)
Storage temperature	-10°C to +60°C
Memory	For signaling the last measured value
Battery:	3V, CR2032

Size(HxWxD): 156mm x 34mm x 22mm Accessories:
Weight: 32g CR2032 3V battery, Clamshell

BP-96/96B/96H Electronic Blood Pressure Monitor



Model 96B



Model 96



Model 96H



Specifications

Systolic/mmHg	Diastolic/mmHg	Meaning	Action
<105	<60	Hypotonic	Consult your doctor
105-140	60-90	Normal	Self-monitoring is sufficient
140-160	90-95	Borderline hypertonic	Consult your doctor
>160	95-105	Mildly hypertonic	Consult your doctor
>160	105-115	Hypertonic, medium severity	Get medical attention
>180	>115	Severely hypertonic	Get medical attention immediately

Size(HxWxD): 66mm x 65mm x 30mm(96)
73mm x 65mm x 20mm(96B)
85mm x 65mm x 20mm(96H)
Weight: 96g(96), 107g(96B), 133g (96H)

BP-102/106 Armcuff is suitable for arm from 220 to 320mm circumference, the blood pressure monitor readjust itself to identify the necessary pumping pressure, if the pumping pressure set in the factory is not sufficient, the device identifies this and continues pumping

Features

Talking function (BP-102)
99 x2 memory locations
The date and time are displayed and stored together with every blood pressure value
If the battery icon is displayed, the batteries are discharged and the device cannot be used until new batteries are installed

Specifications

Display	Digital LCD display
Measurement	Oscillometric method
Pressure Display Range	0-299mmHg
Measurement Range	Pressure: 30 to 280 mmHg
Pulse rate	40 to 199 beats/min
Accuracy	Pressure: Within ±5 mmHg Pulse rate: Within ±5% of reading
Power Supply	4x1.5V "AA" Size Batteries
Operating Environment	10-40°C / 15%-85%RH
Storage Environment	-10-50°C / 10%-93%RH
Measurable Arm Circumference	220mm-320mm
Safety Classification	Internal power: Type B
Inflation	Automatic inflation with pumping
Air Release	Automatic rapid air release
Pressure Detection	Electrostatic capacity pressure sensor
Pulse Detection	Electrostatic capacity pressure sensor

Size(HxWxD): 136mm x 131.5mm x 65.5mm(106), 145mm x 113mm x 115mm(102)
Weight: 451g(106), 596g(102)

Accessories:
4x1.5V "AA" batteries, Carrying case and Gift box.

Model BP-102



Model BP-106

BS-860 High Definition Personal Video Borescope

Features

3.5" Color TFT LCD
Camera and Video function
Support real-time live view
TV peripherals to support operations in other
Highlighted with LED to support the operation in the dark
Built-in 1800mAh lithium battery, support USB charging
Standby function to support the charge
Support rotating the image 180° from top to bottom
Flexible gooseneck camera head with waterproof

BS-860 personal video borescope using 3.5" TFT LCD with high resolution: 320(W) x 240(H) application of H. 264 video codec technology makes images clear. The flexible and comfortable waterproof (IP67) gooseneck provide easy, simple and convenient way to check the place hard to see.



EMC
EN: 61326



Model 860

Specifications

LCD screen type	3.5" TFT
LCD Pixels	320x240
The max number of frames(FPS)	30FPS
Picture format from the camera	JPG(640x480)
Camera video format	AVI
Gooseneck length	1m(39")
Camera diameter	6mm(0.23")
Viewing distance	1.5cm to ∞
Viewing direction	Viewing angle 64°
Zoom and Rotation	2xZoom, 90° rotation
SD card	2GB/Max 32GB
Dust and water proof	IP 67
Working voltage	Li Battery 3.7V/1800mAh
Language	Support English, French, German, Spanish

Size(HxWxD): 120mm x 87mm x 165mm Accessories:
Weight: 554g 3.7V Li battery, gift box with carrying case.



3.5" Color TFT LCD

Flexible gooseneck imager head with waterproof and easily perform visual inspections in hard to reach areas

Camera and Video function

Allows user to view image and video on LCD monitor

High visibility and 10 degree adjustable LED lighting

Rechargeable battery with USB cable. Support SD memory card expansion

Menu with multilingual language

Professional InfraRed Video Thermometers with TFT color LCD display & Imager Video format



Applications

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

2.2" TFT color LCD display

Support **Images**(JPEG) capture capabilities

Support **Video**(3GP) capture capabilities

Support **IR, K-Type, Air, Dewpoint, Wet bulb Temp. & Air Humidity** measurement

Dual laser targeting

Date/Time setup controls

USB interface

Data Logger

Support **MicroSD** memory card extension



9860/9861/9862/9863/9865 Series Professional Infrared Video Thermometers with 2.2" color TFT LCD display & a microSD memory card for capturing images(JPEG) or video(3GP) for viewing on your PC, providing fast, easy and accurate readings for most surface temperature measurements. The measurement of dewpoint will be very visible for wet and dry proof. These serial products are with international patent and good hands for industrial measurements and data analyzing. The user can be back in office to analyze the measured Infrared temperature readings under the support of software.

- High 75 : 1 / 50 : 1 distance to target ratio measures smaller surface areas at greater distances
- IR temperature measurement
- Air temperature and type K probe temperature measurement
- Relative humidity measurement
- Wet bulb temperature & dewpoint temperature measurement
- Unique flat surface, modern housing design

Features

	9860/ 9860S	9861/ 9861S	9862/ 9862S	9863	9865
2.2" TFT 320x240 pixels Color LCD display	*	*	*	*	*
Camera pixels	640x480	640x480	640x480	3.0 Mega	3.0 Mega
Images(JPEG) & Video(3GP) function	*	*	*	*	*
MicroSD memory card & datalogger function	*	*	*	*	*
Dual laser targeting	*	*	*	*	*
Date/time setup controls	*	*	*	*	*
Auto Power Off	*	*	*	*	*
High Temperature	*	*	*	*	*
Max, Min, DIF, AVG record	*	*	*	*	*
High and low alarm	*	*	*	*	*
Adjustable emissivity & Trigger lock	*	*	*	*	*
Type K input	*	*	*	*	*
USB/ bluetooth interface	USB	USB	USB	USB/ Bluetooth	USB/ Bluetooth
Readings memories	*	*	*	*	*
Humidity & Air Temperature	*	*	*	*	*
Dewpoint & Wet bulb temperature	*	*	*	*	*
Audio Recording	*	*	*	*	*
Language selection	English, Chinese, French, German, Spanish				

Specifications

	9860/9860S	9861/9861S	9862/9862S	9863	9865
IR Temp. Range	-50°C to 1000°C -58°F to 1832°F	-50°C to 1600°C -58°F to 2912°F	-50°C to 2200°C -58°F to 3992°F	-50°C to 1000°C -58°F to 1832°F	-50°C to 2300°C -58°F to 4172°F
Response Time	Less than 300ms; Less than 150ms(9860S/9861S/9862S)				Less than 150ms
Resolution	0.1° up 1000°, 1° over 1000°				
Basic Accuracy (IR)	±1.0% of reading				
Optical Resolution	50:1 Distance to Spot size			75:1 Distance to Spot size	
Emissivity Adjustable	0.10-1.0 Adjustable				
Type K Temp. Range	-50°C to 1370°C / -58°F to 2498°F				
Basic Accuracy (TK)	±0.5% of reading ±1°C				
Micro SD memory card	MAX. support 8GB				
Air Temp Range	0 to 50°C/32 to 122°F				
Air Temp Basic Accuracy	±0.5°C/1°F				
Humidity Range	0 to 100%RH				
Humidity Basic Accuracy	±2.5%RH(20%-80%RH)				
Dew Point Temp. Range	0 to 50°C/32 to 122°F				
Wet Bulb Temp. Range	0 to 50°C/32 to 122°F				



Size(HxWxD): 125mm x 50mm x 205mm
Weight: 494g
Accessories:
3.7V Li battery, Type K Temp. probe, USB cable, Carrying case and Gift box



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



Model 9863



● 75:1 distance to spot size
● Dual laser pointers

● 150ms faster sampling time
● 1% accuracy
● Reading memory



Adjustable Emissivity

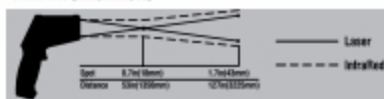
Data Recd

Fast measuring with high accuracy

Features

- Graphic white and black LCD display
- Max, Min, DIF, AVG record & trigger lock
- High / low alarm
- Auto Power Off
- Adjustable emissivity
- Type K input
- Memory data with Date/Time stamp (30 points)
- USB interface
- Datalog (Only 8879/8889H)
- Wireless interface (Only 8879/8889H)

Distance (D) to Spot size(S)
D:S=75:1 (8889/8889H)



(Unit: mm)



Thermistor clamp



TCF-100



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

Specifications

	8878	8879	8889	8889H
IR Temp. Range	-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
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"
Basic Accuracy (IR)	±1.0% of reading	±1.0% of reading	±1.0% of reading	±1.0% of reading
Optical Resolution	50:1 Distance to Spot size	50:1 Distance to Spot size	75:1 Distance to Spot size	75:1 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
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
Basic Accuracy (TK)	±0.5% of reading	±0.5% of reading	±0.5% of reading	±0.5% of reading
Readings memories	30	30	30	30
Datalog		*		*
Wireless interface(433Mhz)		*		*
Bluetooth interface				*

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



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

Model 8869



● 150ms faster sampling time
● 1% accuracy
● Reading memory

● 50 : 1 distance to spot size
● Dual laser pointers

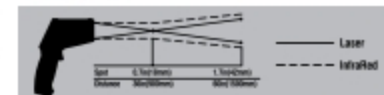


EMC
EN: 61326
EN: 60925-1

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

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	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

Professional InfraRed Thermometers with Multipoint Laser targeting



Fast response time 0.15 sec.



Built-in Multipoint Laser Pointers focus target (calibrated distance)
High accuracy (1.0%) measurement



Triple LCD display indicates Infrared Temperature, Dew-point Temperature & Humidity readings.

Green, Red & Blue backlight: Normal, Higher & Lower temperature indications



Double molded housing design



Applications

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



- 150ms faster sampling time
- 1% accuracy



EMC
EN: 61326
EN: 60825-1

8870/8871/8872/8873 Series compact Infrared Thermometers provide much faster and more accurate readings for Infrared Temperature, Dew-point Temperature & Humidity.

- Dust and water-proof: IP54 rated for dust/water proof
- Rugged: 3 m (9.8 ft) drop tested
- Ergonomically designed: Completely redesigned for a more natural hand fit
- Distance to spot: Precise laser technology makes for more accurate and repeatable measurements
- Min/Max/Avg/Dif Displays the minimum, maximum or average temperature, or the difference between two measurements
- Alarm: Hi and Lo alarms for rapid display of measurements outside the limits
- T-Sound: Changeable beeper indication by Temperature
- Green, Red & Blue Backlight: Normal, Higher & Lower temperature indications
- Accurate readings for Infrared Temperature, Dew-point Temperature & Humidity.

Features

	8870	8871	8872	8873
User selectable °C or °F	*	*	*	*
Multipoint laser targeting	*	*	*	*
Automatic Data Hold	*	*	*	*
Auto Power Off	*	*	*	*
White Backlit LCD Display	*	*	*	*
Overrange indication	*	*	*	*
Trigger lock for continuous use	*	*	*	*
Max/Min/Avg/Dif selectable	*	*	*	*
Adjustable Auto Power off Time	*	*	*	*
High and low alarm	*	*	*	*
Adjustable emissivity	*	*	*	*
Optical Resolution	12:1	16:1	20:1	30:1
Green, Red & Blue backlight: Normal, Higher & Lower temperature indications	*	*	*	*
Infrared Temperature, Dew-point Temperature & Humidity readings.	*	*	*	*

Specifications

	8870	8871	8872	8873
IR Temp. Range	-50°C to 650°C -58°F to 1202°F	-50°C to 800°C -58°F to 1472°F	-50°C to 800°C -58°F to 1472°F	-50°C to 1000°C -58°F to 1832°F
IR Temp. Resolution	0.1° up to 1000°, 1° over 1000°			
Emissivity	Adjustable 0.10-1.0			
Basic Accuracy	±1.0% of reading			
Humidity	0-100%RH			
Humidity Accuracy	±2.5%RH(20%-80%RH)			
Dew Point Temp.	-30-100°C / -22-199°F; Basic Accuracy: ±2.0% of reading			
Wet Bulb Temp.	-30-100°C / -22-199°F; Basic Accuracy: ±2.0% of reading			
Response Time	Less than 150ms			
Spectral response	8-14µm			

Size(HxWxD): 140mm x 104mm x 43mm

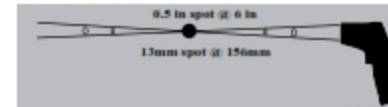
Weight: 163g

Accessories:

9V battery, Carrying case and Gift box.

Distance (D) to Spot size(S)

D:S=12:1



(Unit: mm)



Model 8870



Model 8873

Professional InfraRed Thermometers with Dual Laser targeting

- IR** Fast response time 0.15 sec.
- 1.0%** Built-in Dual Laser Pointers focus target (calibrated distance) High accuracy(1.0%) measurement
- IR** Triple LCD display indicates Reading, Max reading and Functions at same time. High contrast LCD with white backlight
- DOUBLE MOLDED** Double molded housing design



8860B/8861B/8861L/8862 Series compact Infrared Thermometers provide much faster and accurate readings for most surface temperature measurements. Two laser points converge to a single spot when the unit is at the optimal distance from the object being measured (8861B/8861L/8862).

Applications

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

Worldwide Patent:
PCT/CN2012/082197



- 150ms faster sampling time
- 1% accuracy

- Dual laser pointers



Model 8862MAX⁺



CE
EMC:
EN: 61326
EN: 60825-1



Key Benefits

- T-Sound: Changeable beeper indication by Temperature
- Green, Red & Blue backlight: Normal, Higher & Lower temperature indications



Model 8862 series



Model 8863/8865

Features

	8860B	8861B	8861	8862	8862MAX ⁺	8863	8865
User selectable °C or °F	*	*	*	*	*	*	*
Dual laser targeting		Single laser	*	*	*	*	*
Automatic Data Hold	*	*	*	*	*	*	*
Auto Power Off	*	*	*	*	*	*	*
White Backlit LCD Display	*	*	*	*	*	*	*
Overrange indication	*	*	*	*	*	*	*
Trigger lock for continuous use	*	*	*	*	*	*	*
Max display	*	*	*	*	*	*	*
High and low alarm	*	*	*	*	*	*	*
Adjustable emissivity	*	*	*	*	*	*	*
Optical Resolution	12:1	12:1	12:1	12:1	20:1	20:1	30:1
Green, Red & Blue backlight: Normal, Higher & Lower temperature indications					*	*	*
T-Sound: Changeable beeper indication by Temperature					*		

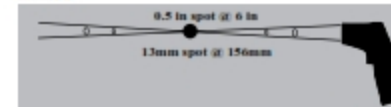
Specifications

	8860B	8861B	8861	8862/8862MAX ⁺	8863	8865
IR Temp. Range	-50°C to 450°C -58°F to 842°F	-50°C to 450°C -58°F to 842°F	-50°C to 550°C -58°F to 1022°F	-50°C to 650°C -58°F to 1202°F	-50°C to 800°C -58°F to 1472°F	-50°C to 1000°C -58°F to 1832°F
IR Temp. Resolution	0.1° up to 1000°, 1° over 1000°					
Emissivity	Fixed at 0.95			Adjustable 0.10-1.0		
Basic Accuracy	±1.0% of reading					
Response Time	Less than 150ms					
Spectral response	8-14µm					

Size(HxWxD): 146mm x 104mm x 43mm
Weight: 163g

Accessories:
9V battery, Carrying case and Gift box.

Distance (D) to Spot size(S)
D:S=12:1



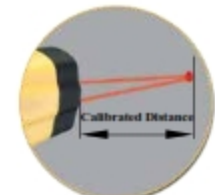
(Unit: mm)



Triple LCD display with white backlight



High Quality Lens & Dual laser pointers



Accurate Measurement



Model 8862B



Model 8863B



Red backlight alert

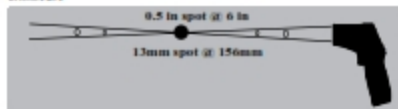


Triple LCD display with white backlight



Distance (D) to Spot size(S)

D:S=12:1



(Unit: mm)

- 150ms faster sampling time
- 1% accuracy

- Dual laser pointers
- Color backlight alert

8862B/8863B series Professional dual laser infrared thermometers with color alert is great for processes that require temperature control and monitoring, its white backlight dual LCD display will change to red when reading exceeds High or Low set points.

- High accurate measurements to 1.0%
- Measures up to 800°C (1472°F)
- Fast response time 0.15sec
- Max mode captures and holds rapidly changing temperature
- Lock function for continuous readings
- Adjustable emissivity increases measurement accuracy for different surfaces

Features

	8862B	8863B
User selectable °C or °F	*	*
Dual laser targeting	*	*
Automatic Data Hold	*	*
Auto Power Off	*	*
White Backlit LCD Display	*	*
Overrange indication	*	*
Trigger lock for continuous use	*	*
Max display	*	*
High and low alarm	*	*
Adjustable emissivity	*	*
Optical Resolution	12:1	20:1
Red backlight & beeper alarm	*	*

Specifications

	8862B	8863B
IR Temp. Range	-50°C to 650°C -58°F to 1202°F	-50°C to 800°C -58°F to 1472°F
IR Temp. Resolution	0.1° up to 1000°, 1° over 1000°	
Emissivity	Adjustable 0.10 - 1.0	
Basic Accuracy	±1.0% of reading	
Response Time	Less than 150ms	
Spectral response	8-14µm	

Size(HxWxD): 146mm x 104mm x 43mm
Weight: 163g

Accessories:
9V battery, Carrying case and Gift box.



820/821/822 Series mini IR Thermometers provides non-contact temperature measurements: Food preparation, Safety and Fire inspectors, Plastic molding, Asphalt, Marine and Screen Printing, Measure ink and dryer temperature, Diesel and Fleet maintenance. Targeting objects are easy with the bright laser beam. Even in the dark, the display is easy to read with the quality backlight.

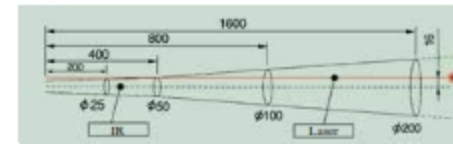
- Unique flat surface, mini modern housing design
- Temperature measurements from -40.0°C to 650.0°C/-40.0°F to 1202°F (822)
- Built-in laser pointer identifies target area
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- Max / Min record
- Overrange indication
- Auto Data Hold when trigger released
- Auto Power Off

- 150ms faster sampling time
- 1% accuracy

- Dual laser pointers

Distance (D) to Spot size(S)

D:S=8:1



(Unit: mm)

Features

	820/821	822
User selectable °C or °F	*	*
Dual laser targeting	*	*
Automatic Data Hold	*	*
Auto Power Off	*	*
Negativity display	*	*
Overrange indication	*	*
Max / Min record	*	*
Bluetooth	*	*

Specifications

	820	821	822
Range	-40°C to 300°C/ -40°F to 572°F	-40°C to 500°C/ -40°F to 932°F	-40°C to 650°C/ -40°F to 1202°F
Basic Accuracy	±1.0% of reading or ±1.0°C/±2°F		
Resolution	0.1°C/°F		
Response Time	Less than 150 ms		
Optical Resolution	8:1 Distance to Spot size		20:1
Emissivity	Fixed at 0.95		

Accessories:
9V battery, Carrying case and Clamshell.

Size(HxWxD): 131mm x 96mm x 35mm
Weight: 130g



EMC
EN: 61326
EN: 60825-1



Model 820



Model 821



Model 822



Worldwide Patent:
PCT/CN2012/082197



Green LED Normal Yellow LED Close to Dewpoint Red LED Dewpoint

8662/8663 series Infrared Dewpoint Temperature Detectors are very visible for wet and dry proof. It's green LED light will change to yellow and red when reading close to Dewpoint Temperature. It provides faster sampling time and high accuracy, widely applicable in steel, oil & chemical, stove, environment testing, calibration Lab, gas production industry etc.

Features

	8662	8663
User selectable °C or °F	*	*
Dual laser targeting	*	*
Automatic Data Hold	*	*
White Backlit LCD Display	*	*
Trigger lock for continuous use	*	*
Max display	*	*
Optical Resolution	12:1	20:1

Specifications

	8662	8663
IR Temp. Range	-50°C to 260°C / -58°F to 500°F	-50°C to 380°C / -58°F to 716°F
IR Temp. Resolution	0.1°	
Emissivity	0.95	
Temp. Basic Accuracy	±1.0% of reading	
Response Time	Less than 150ms	
Spectral response	8-14µm	
Humidity	0-100%RH	
Humidity Accuracy	±2.5%RH(20%-80%RH)	
Dew Point Temp.	-30-100°C / -22-199°F; Basic Accuracy: ±2.0% of reading	
Wet Bulb Temp.	-30-100°C / -22-199°F; Basic Accuracy: ±2.0% of reading	

Size(HxWxD): 82mm x 55mm x 105mm

Weight: 163g

Accessories: 9V battery, Carrying case and Gift box.

DT-8666/8666H Thermal Leak Detector with Audible Alarm



8666/8666H Thermal Leak Detector is visible for higher/lower temperature. It permits targeted scanning to find higher/lower temperature with continuous audible alarm.



Features

	8666	8666H
Optical Resolution	10:1	20:1
Threshold for light color transition (off, 1°F, 5°F, 10°F)	*	*
Auto-set base temperature for reference	*	*
Single laser targeting	*	*
Fixed Emissivity at 0.95	*	*
°C / °F Switchable	*	*
Beeper alarm, Green, Red & Blue light alarm: Normal, Higher & Lower temperature indications	*	*

Specifications

	8666	8666H
Temperature Range	-35 to 800°C/-31 to 1472°F	*
Temperature Range	-50 to 380°C/-58 to 716°F	*
Temperature accuracy	±1.0% of reading ±2 °C/°F	*
Response Wavelength range	8-14µm	*
Resolution	0.1°C/°F	*
Emissivity	Adjustable 0.10-1.0	Fixed at 0.95
Response Time	< 500ms	*

Size(HxWxD): 103mm x 131mm x 37mm

Weight: 220g

Accessories:
9V battery, Carrying case and Gift box.



Higher temperature Located with Red LED indicator Normal Temperature with Green LED indicator Lower temperature Located with blue LED indicator



Worldwide Patent:
PCT/CN2012/082197

8665 Infrared Temperature Finder is visible for higher/lower temperature. It permits targeted scanning to find higher/lower temperature with continuous audible alarm. It provides faster sampling time and higher accuracy, widely applicable in industrial and environment field.

- Targeted scanning for higher/lower temperature
- The position of higher/lower temperature can be precisely found.
- Enables you to work with certainty for Fault diagnosis
- The Audible will alarm when temperature is changed with switchable audible of higher/lower temperature
- LCD display with new target graphics
- Easy keypad operation

Features

T-Sound: Changeable beeper indication by Temperature
User selectable °C or °F
Dual laser targeting
Automatic Data Hold
Auto Power Off
White Backlit LCD Display
Overrange indication
Trigger lock for continuous use
Max/Min display
20:1 distance to target ratio measures smaller surface areas at greater distances
Green, Red & Blue backlight: Normal, Higher & Lower temperature indications

Specifications

IR Temp. Range	-50°C to 380°C -58°F to 716°F
IR Temp. Resolution	0.1°
Emissivity	Fixed at 0.95
Temp. Basic Accuracy	±1.0% of reading
Response Time	Less than 150ms
Spectral response	8-14µm



Distance (D) to Spot size(S) D:S=20:1

0.5 in spot @ 10 in

13mm spot @ 260mm

(Unit: mm)

Size(HxWxD): 82mm x 55mm x 105mm

Weight: 163g

Accessories: 9V battery, Carrying case and Gift box.



Normal Temperature with Green LED indicator Higher temperature Located with Red LED indicator Lower temperature Located with blue LED indicator



EMC
EN: 61326
EN: 60825-1



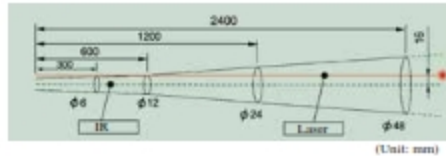


8838/8839/8858/8859/8859H Series provide fast, easy and accurate readings for most surface temperature measurements.

- 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, DIP, AVG record
- High and low alarm
- Adjustable emissivity

Distance (D) to Spot size(S)

D:S=50:1



Features	8838	8839	8858	8859	8859H
Optical Resolution (D:S)	30:1	50:1	50:1	50:1	50:1
High Temperature	1000°C/ 1832°F	1000°C/ 1832°F	1300°C/ 2372°F	1600°C/ 2912°F	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, DIP, AVG record	*	*	*	*	*
High / low alarm, Trigger lock	*	*	*	*	*
Adjustable emissivity	*	*	*	*	*
150ms faster sampling time with 1% accuracy				*	*

Specifications	8838	8839	8858	8859	8859H
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	-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	Less than 150 mS
Optical Resolution (D:S)	30:1	50:1	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				



Size(HxWxD): 220mm x 120mm x 56mm
Weight: 290g

Accessories:
9V battery, Carrying case and Gift box.

Model 8839

50 : 1 distance to spot size

High Temperature
1600°C (2912°F)

Model 8858

Model 8859



16 : 1 distance to spot size

High Temperature 1000°C (1832°F)



EMC
EN: 61326
EN: 60825-1

- High 16 to 1 distance to target ratio measures smaller surface areas at greater distances (8818H/8819H/8826H/8828H)
- Widest temperature range from -50.0 to 1000°C / -58.0 to 1832°F (8828/8829)
- Unique flat surface, modern housing design
- Built-in laser pointer
- Automatic Data Hold
- Max, Min, DIP, AVG record
- High and low alarm
- Adjustable emissivity
- 8818H/8819H/8826H/8828H Optical Resolution is 16:1 Distance to Spot size
- 8829 Optical Resolution is 50:1 Distance to Spot size

Features

	8818H/ 8818	8819H/ 8819	8826H/8828H /8828	8829
User selectable °C or °F	*	*	*	*
Laser targeting	*	*	*	*
Automatic Data Hold	*	*	*	*
Auto Power Off	*	*	*	*
Backlit LCD Display	*	*	*	*
Overrange indication	*	*	*	*
High Temperature				
Max, Min, DIP, AVG record	*/.	*/.	*/.	*
High and low alarm	*/.	*/.	*/.	*
Adjustable emissivity	*/0.95	*/0.95	*/0.95	0.95
Trigger lock	*/.	*/.	*/.	*

Specifications

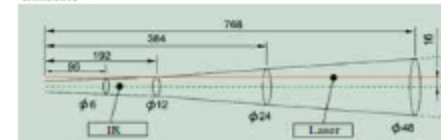
	8818H/8818	8819H/8819	8826H	8828H/8828	8829
Range	-50°C to 550°C (-58°F to 1022°F)	-50°C to 750°C (-58°F to 1382°F)	-50°C to 900°C (-58°F to 1652°F)	-50°C to 1000°C (-58°F to 1832°F)	-50°C to 1000°C (-58°F to 1832°F)
Distance to Spot size	16:1 Distance to Spot size				50:1 Distance to Spot size
Emissivity	Adjustable 0.1~1.0 (8818H, 8819H, 8826H, 8828H)				
Response Time	Less than 1 second				
Resolution	0.1° C/°F (8818H, 8819H, 8826H, 8828H); 0.1° up to 200°, 1° over 200° (8818, 8819, 8828, 8829)				
Basic Accuracy	± 1.5% of reading or ± 2°C/± 4°F				

Size(HxWxD): 220mm x 120mm x 56mm
Weight: 290g

Accessories:
9V battery, Carrying case and Gift box

Distance (D) to Spot size(S)

D:S=16:1



Model 8826H

Model 8828H

Model 8829

8855/8856 compact Infrared Thermometers provide fast, easy and accurate readings for most surface temperature measurements with Wireless USB Interface (RF 433MHz)



- 30 : 1 distance to spot size
- IR thermometer with Type K temperature measurement

- Dual laser pointers (8856)
- Wireless USB Interface (RF 433MHz)
- 20 Points Memory

- Wireless USB Interface (RF 433MHz)
- 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)
- 150ms faster sampling time (8856)
- Built-in dual laser pointers focus target for high accuracy measurement (8856)
- Built-in single laser pointer focus target for high accuracy measurement (8855)
- Analog output (8855)
- Automatic capture emissivity for targeting
- Unique flat surface, modern housing design
- Type K temperature measurement

Applications

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



EMC
EN: 61326
EN: 60825-1

Model 8856

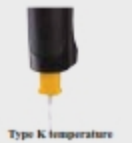


Large color LCD display with backlight

Analog output 1.8mV/°C or °F



Distorted power



Type K temperature



Accessories:
9V battery, Carrying case and Gift box, type K temperature probe, RF transmitter, power supply, tripod, PC Interface, CD Software.

Features

	8855/8856
User selectable °C or °F	*
Laser targeting	*
Automatic Data Hold	*
Auto Power Off	*
White Backlit LCD Display	*
Fast response time 0.15 sec.	8856
Trigger lock	*
Max, Min, DIF, AVG record	*
High and low alarm	*
Adjustable emissivity	*
Type K temperature measurement	*
High Temperature	1050°C/1922°F
Wireless USB Interface (RF 433MHz)	*
Optical Resolution (Distance to Spot size)	30:1

Specifications

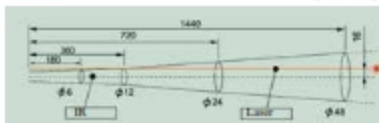
	8855/8856
IR Temp. Range	-50°C to 1050°C/ -58°F to 1922°F
IR Temp. Resolution	0.1° up to 2000°, 1° over 2000°
Optical Resolution	30:1 Distance to Spot size
Type K Temp. Range	-50°C to 1370°C/ -58°F to 2498°F
Type K Temp. Resolution	0.1° up to 2000°, 1° over 2000°
Response Time	Less than 150ms (8856)
Response Time	Less than 1 second (8855)
Basic Accuracy	±1.5% of reading
Emissivity	Adjustable 0.10-1.0

Size(HxWxD): 100mm x 106mm x 45mm
Weight: 250g

Distance (D) to Spot size(S)

D:S=30:1

(Unit: mm)



Worldwide Patent:
PCT/CN2012/082197

810/811/812/813TS Series Low cost mini IR Thermometers provides non-contact temperature measurements: Food preparation, Safety and Fire inspectors, Plastic molding, Asphalt, Marine and Screen Printing, Measure ink and dryer temperature, Diesel and Fleet maintenance. Targeting objects are easy with the bright laser beam. Even in the dark, the display is easy to read with the quality backlight.

- Unique flat surface, mini modern housing design
- Temperature measurements from -50.0°C to 500°C/-58.0°F to 932°F (812)
- Built-in laser pointer identifies target area
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- Max / Min record
- Overrange indication
- Auto Data Hold when trigger released
- Auto Power Off

Features

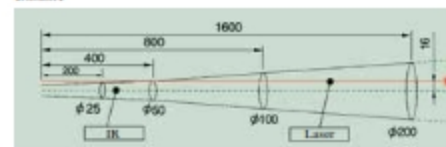
	810/811/812/813TS
User selectable °C or °F	*
Laser targeting	*
Automatic Data Hold	*
Auto Power Off	*
White Backlit LCD Display	*
Overrange indication	*
Max / Min record	*
Green, Red & Blue backlight: Normal, Higher & Lower temperature indications	813TS only
T-Sound: Changeable beeper indication by Temperature	813TS only

Specifications

	810	811	812/813TS
Range	-30°C to 260°C/ -22°F to 500°F	-30°C to 380°C/ -22°F to 716°F	-50°C to 500°C/ -58°F to 932°F
Basic Accuracy	±2% of reading or ±2°C/±4°F		
Resolution	0.1°C/°F		
Response Time	Less than 1 second		
Optical Resolution	8:1 Distance to Spot size		
Emissivity	Fixed at 0.95		

Distance (D) to Spot size(S)

D:S=8:1



(Unit: mm)

Accessories:

9V battery, Carrying case and Clamshell.

Size(HxWxD): 131mm x 96mm x 35mm
Weight: 130g

Model 810



Model 811/812



Model 813TS



Key Benefits

- T-Sound: Changeable beeper indication by Temperature
- Green, Red & Blue backlight: Normal, Higher & Lower temperature indications



Model 8801/8802



8801/8802 Low cost Compact IR Thermometer provides non-contact temperature measurements: Food preparation, Safety and Fire inspectors, Plastic molding, Asphalt, Marine and Screen Printing, Measure ink and dryer temperature, Diesel and Fleet maintenance. Targeting objects are easy with the bright laser beam. Even in the dark, the display is easy to read with the quality backlit scroll.

- Unique flat surface, mini modern housing design
- Temperature measurements from -50.0°C to 380°C/-58.0°F to 716°F(8802)
- Built-in laser pointer identifies target area
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- Max / Min record
- Overrange indication
- Auto Data Hold when trigger released
- Auto Power Off



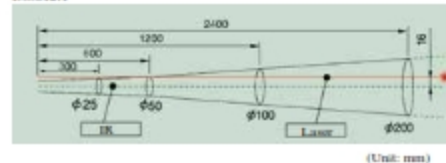
EMC
EN: 61326
EN: 60825-1

Features

	8801/8802
User selectable °C or °F	*
Laser targeting	*
Automatic Data Hold	*
Auto Power Off	*
White Backlit LCD Display	*
Overrange indication	*
Max / Min record	*

Specifications

	8801	8802
Range	-50°C to 330°C/ -58°F to 626°F	-50°C to 380°C/ -58°F to 716°F
Response Time	Less than 1 second	
Basic Accuracy	±2% of reading or ±2°C/±4°F	
Optical Resolution	12:1 Distance to Spot size(calculated @90% energy)	
Emissivity	Fixed at 0.95	

Distance (D) to Spot size(S)
D:S=12:1

Accessories:
9V battery, Carrying case and Gift box.

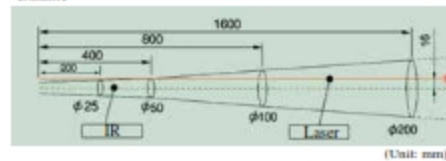
Size(HxWxD): 160mm x 52mm x 42mm
Weight: 177g



- Unique flat surface, mini modern housing design
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- Overrange indication
- Auto Data Hold when trigger released
- Auto Power Off



EMC
EN: 50081-1, 50082-1
EN: 60825-1

Distance (D) to Spot size (S)
D:S=8:1

Features

	880H/880	882H/882	883H/883
User selectable °C or °F	*	*	*
Laser targeting	*	*	*
Automatic Data Hold	*	*	*
Auto Power Off	*	*	*
Backlit LCD Display	*	*	White Backlit
Overrange indication	*	*	*
Low battery indication	*	*	*
Wide range			*

Specifications

	880H	882H	883H
Range	-50°C to 500°C/ -58°F to 932°F	-50°C to 700°C/ -58°F to 1292°F	-50°C to 850°C/ -58°F to 1562°F
Basic Accuracy	±2% of reading or ±2°C/±4°F		
Resolution	0.1° up to 200.1° over 200°		
Response Time	Less than 1 second		
Optical Resolution	8:1 Distance to Spot size		
Emissivity	Fixed at 0.95		

Accessories:
9V battery, Carrying case and Gift box.

Size(HxWxD): 160mm x 52mm x 42mm
Weight: 177g

Model 882



Model 883



Model 883H



Model 8822



Wide range: -50°C-760°C/-58°F-1400°F

Worldwide Patent:
PCT/CN2012/082197

8822/8823/8823TS Series Wide Range Mini IR Thermometers provide non-contact wide temperature measurements: Food preparation, Safety and Fire inspectors, Plastic molding, Asphalt, Marine and Screen Printing, Measure ink and dryer temperature, Diesel and Fleet maintenance. Targeting objects are easy with the bright laser beam. Even in the dark, the display is easy to read with the quality backlit scroll.

- Unique flat surface, mini modern housing design
- Wide range temperature measurements from -50.0°C to 760°C (-58.0°F to 1400°F)
- Built-in laser pointer identifies target area
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- Overrange indication
- Auto Data Hold when trigger released
- Auto Power Off



Model 8823TS

EMC:
EN: 61326
EN: 60825-1

Features

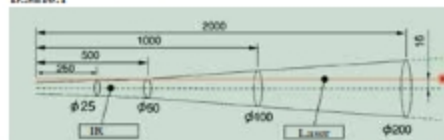
	8822	8823	8823TS
User selectable °C or °F	*	*	*
Laser targeting	*	*	*
Automatic Data Hold	*	*	*
Auto Power Off	*	*	*
White Backlit LCD Display	*	*	*
Overrange indication	*	*	*
Max / Min record	*	*	*
High Temperature	*	*	*
High and low alarm	*	*	*
T-Sound: Changeable beeper indication by Temperature (8823TS)			
Green, Red & Blue backlight: Normal, Higher & Lower temperature indications (8823TS)			

Specifications

	8822	8823/8823TS
Range	-50°C to 550°C/ -58°F to 1022°F	-50°C to 760°C/ -58°F to 1400°F
Response Time	Less than 1 second	
Basic Accuracy	± 2% of reading or ±2°C/±4°F	
Optical Resolution	10:1 Distance to Spot size(calculated @90% energy)	
Emissivity	Fixed at 0.95	

Distance (D) to Spot size(S)

D:S=10:1



(Unit: mm)

Size(HxWxD): 160mm x 82mm x 42mm
Weight: 177gAccessories:
9V battery, Carrying case and Gift box.Worldwide Patent:
PCT/CN2012/082197

- 150ms faster sampling time
- 1% accuracy

Model 8866TS



- Dual laser pointers
- Large LCD display

EMC:
EN: 61326
EN: 60825-1

8866/8866TS compact Infrared Thermometer provides much faster, easy, and accurate readings for most surface temperature measurements.

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

- 300ms quickest sampling time with 1% accuracy
- Built-in dual laser pointers
- Wide temperature range from -35.0 to 800°C (-31.0 to 1472°F)
- Adjustable emissivity from 0.10 to 1.0
- Unique flat surface, modern housing design

Features

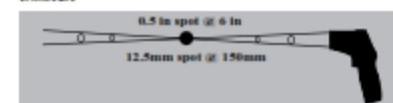
	8866/8866TS
User selectable °C or °F	*
Dual laser targeting	*
Automatic Data Hold	*
Auto Power Off	*
White Backlit LCD Display	*
Overrange indication	*
Trigger lock	*
Max / Min display	*
High and low alarm	*
Adjustable emissivity	*
High Temperature	800°C/1472°F
Optical Resolution (Distance to Spot size)	12:1
Green, Red & Blue backlight: Normal, Higher & Lower temperature indications	8866TS
T-Sound: Changeable beeper indication by Temperature	8866TS

Specifications

	8866/8866TS
IR Temp. Range	-35°C to 800°C/ -31°F to 1472°F
IR Temp. Resolution	0.1°C/°F
Optical Resolution	12:1 Distance to Spot size
Emissivity	Adjustable 0.10-1.0
Basic Accuracy	±1.0% of reading
Response Time	Less than 300ms
Spectral response	8-14µm

Distance (D) to Spot size(S)

D:S=12:1



(Unit: mm)

Size(HxWxD): 160mm x 82mm x 42mm
Weight: 177gAccessories:
9V battery, Carrying case and Gift box.



Model 8830

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, DIP, 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, DIP, 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	-32°C to 480°C	-32°C to 580°C	-50°C to 800°C
	-25.6°F to 716°F	-25.6°F to 896°F	-25.6°F to 1076°F	-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): 100mm x 106mm x 46mm

Weight: 250g



EMC
EN: 61326
EN: 60825-1



Temperature probe

(Optional: NR-318 / TP-500 / TCP-100)



Thermistor clamp



TCP-100

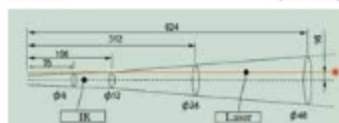
Applications

- 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)



Model 8831



Model 8832

Accessories:

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

Worldwide Patent:

PCT/CN2012/082197



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

● 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 DIP, 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, DIP, 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): 100mm x 106mm x 46mm

Weight: 250g

Accessories:

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



Temperature probe

(Optional: NR-318 / TP-500 / TCP-100)



Thermistor clamp



TCP-100



T-Sound



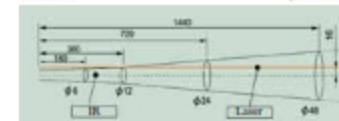
Model 8835TS



Distance (D) to Spot size(S)

D:S=30:1

(Unit: mm)





Model IR-230A

Model IR-230B

Model IR-230C

The online Infrared Temperature sensor provides the advantages of infrared temperature measurement in a compact, designed to measure target temperature stability of production line.

Specifications

	230A	230B	230C
Output	10mV/°C	0 ~ 5V	4 ~ 20mA
Temperature range	0 to 230°C (32 to 446°F)	0 to 230°C (32 to 446°F)	0 to 230°C (32 to 446°F)
Distance to spots	4:1	4:1	4:1
Sampling time	500ms(95%)	500ms(95%)	500ms(95%)
Spectral	8-14µm	8-14µm	8-14µm
Accuracy	±1.5%	±1.5%	±1.5%
Emissivity	Fixed at 0.95	Fixed at 0.95	Fixed at 0.95

Size(HxWxD): 85mm x 12mm Weight: 50g

Accessories:

Cable and Gift box.

Features

User selectable °C or °F	*
Automatic Data Hold	*
Auto Power Off	*
Low battery indication	*
Set Min, Max, Lock	*

Specifications

Range	-35°C~900°C / -31°F~1652°F
Response Time	Less than 500ms
Resolution	0.1°C/°F
Basic Accuracy	±1.5% or ±2°C/±4°F
Optical Resolution	50:1 Distance to Spot size
Emissivity	0.1 ~ 1.0 (adjustable)
Power	230 VAC (±10%), 0.1 A, switchable 50/60 Hz or 12 ~ 24 DCV

Size(HxWxD): 71mm x 71mm x 57mm

Weight: 205g

Accessories:

Stand, Cable and Gift box.



EMC
EN: 61326
EN: 60825-1

Model IR-91



IR-82 InfraRed Thermometer Probe

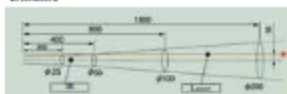
- 8:1 Distance to Spot size ratio
- Built-in laser pointer
- Built-in Analog output of 1 mV/°C or °F & °C/°F switchable
- Compatible with multimeters, clamp meters, oscilloscope and industrial applications etc
- Ideal for applications where object being measured cannot be touched
- Provides instant, highly repeatable readings & Low battery indication



EMC
EN: 61326
EN: 60825-1

Distance (D) to Spot size(S)

D:S=8:1



(Unit: mm)

Specifications

Range	-35°C~550°C / -31°F~1022°F
Response Time	Less than 500ms
Resolution	1mV/°C or °F
Basic Accuracy	±2% or ±2°C/±4°F
Optical Resolution	8:1
Emissivity	Fixed at 0.95
Battery	9V

Size(HxWxD): 166mm x 53mm x 40mm

Weight: 105g

Accessories:

9V battery, Clamshell



BX-350/BX-500 portable IR calibrators are used for calibrating long distance Infrared Thermometer, which are designed as handheld and small calibrators.

- Easily certify IR pyrometers to 500°C/932°F (BX-500)
- Large 2.25" (57 mm) blackbody target
- RTD (Resistance Thermometer detector) reference well for high precision



EMC
EN: 61326

Specifications

	BX-350	BX-500
Temperature	50°C ~ 350°C	50°C ~ 500°C
Range	(122°F ~ 662°F)	(122°F ~ 932°F)
Accuracy	±0.5°C @ 100°C (±1.0°F @ 212°F) ±1.2°C @ 350°C (±2.4°F @ 662°F)	±0.5°C @ 100°C (±1.0°F @ 212°F) ±1.8°C @ 500°C (±3.6°F @ 932°F)
Stability	±0.1°C @ 100°C (±0.2°F @ 212°F) ±0.2°C @ 350°C (±0.4°F @ 662°F)	±0.1°C @ 100°C (±0.2°F @ 212°F) ±0.3°C @ 500°C (±0.6°F @ 932°F)
Target size	2.25" (57mm)	2.25" (57mm)
Target Emissivity	0.95	0.95
Resolution	0.1°C/°F	0.1°C/°F
Heating Time	30 minutes to max	40 minutes to max
Cooling Time	30 minutes max to 100°C	45 minutes max to 100°C
Power	230 VAC (±10%), 1.5 A; or 110V AC, 3A	



Model BX-350

Whether you're using in-line or handheld infrared pyrometers, you need a high performance calibration standard to verify accuracy. Portable IR Calibrator provides a stable blackbody target for calibrating non-contact IR thermometers up to 500°C (BX-500).

The portable IR calibrator features a large temperature controlled blackbody target with a diameter of 2.25" (57 mm), which offers a wide field of view area for optical variations in IR thermometers. With an emissivity of 0.95, the isothermal target can be controlled in set-point increments of 0.1° from 50°C to 500°C (BX-500).

For even higher precision, a contact calibration well is located directly behind the blackbody surface. Using an optional digital RTD thermometer and calibrated secondary probe, accuracies of ±0.1°C can be achieved.

Size(HxWxD): 180mm x 114mm x 233mm

Weight: 2602g

Accessories: Carton box, AC power cable.



BX-150 Dry-Well Temperature Calibrator

The new heat source to check your thermometer's accuracy up to 300°C/572°F. Simply set the heat source to the desired test point, insert the test probe into the best fitting well, and get a verification of the performance. It's that easy!

Specifications

Range	33°C to 300°C (91.4°F to 572°F)
Resolution	0.1°C/°F
Accuracy	±0.5°C (33 to 199°C) & ± 1°C (200 to 300°C) ±0.9°F (91.4 to 390.2°F) & ± 1°F (392 to 572°F)
Stability	±0.5°C
Heating Time	ambient to 300°C (572°F) after 10 minutes
Cooling Time	300°C (572°F) to 100°C (212°F) after 10 minutes
Stabilization	5 minutes
Well Depth	4" (100mm)
Power	230/115 volts



Model BX-150

Size(HxWxD): 150mm x 114mm x 233mm

Weight: 2200g

Accessories: Box, AC power cable.



The IR-95 Food Safety infrared and contact thermometer for surface scans with a probe thermometer and alarm monitoring for internal temperature readings.

Features

Built-in fold-out probe for measuring internal food temperatures
 Probe temperature range -40 to 230 °C
 Countdown timer to monitor cooking, cooling and HACCP exposure times
 Backlit display for clear readings in poorly lit areas
 MIN/MAX temperature display for quick reference
 IP65 waterproof
 Mini modern housing design
 Flash light

Specifications

IR Temp. Range	-40°C to 280°C/-40°F to 536°F
Response Time	Less than 500ms
Optical Resolution	4:1 Distance to Spot size
Emissivity	Fixed at 0.95
Thermistor Temperature Range	-40°C to 230°C/-40°F to 440°F
Resolution	0.1°C/°F
Basic Accuracy	±1.0% of reading

Model IR-95
 HACCP approved

IP65 waterproof

500ms faster sampling time



Size(HxWxD): 50mm x67mm x 165mm
 Weight: 100g
 Accessories:
 2X1.5V "AAA" batteries, Clamshell.

The 161 is a waterproof folding thermometer which offers handy, practical and strong support when carrying out temperature measurements. The thermometer features IP67 class protection and can be used under all conditions. It can also be easily cleaned under running water and has a rubber-coated surface for non-slip handling. The 161 has a large, illuminated display for easy and error-free viewing of measurement data under poor lighting conditions.

- Compact 5.9" size (15 cm)
- Ideally suited to core temperature measurements
- IP67 protection
- Non-slip rubber coated surface
- Large, illuminated readout display
- ABS/TPE/Metal housing

CE

EMC
 EN: 61326
 EN: 13485
 EN: 60825-1

Model 161
 HACCP approved

Features

Measuring temperature range	-50 to 290°C / -58 to 554°F
	±1°C / ±1.8°F (-50°C to -30°C) / -58 to -22°F
Accuracy	±0.5°C / ±0.9°F (-30°C to 120°C) / -22 to 248°F
	±1°C / ±1.8°F (120°C to 200°C) / 248 to -392°F
	±2°C / ±3.6°F (200°C to 290°C) / 392 to -554°F
Resolution	0.1°C / 0.1°F
Battery	2 x 1.5V "AAA" batteries / 800 hr battery life
Material/Housing	ABS

Size(HxWxD): 150mm x 45mm x 20mm

Accessories:

Weight: 80g

2 x 1.5V "AAA" batteries, Clamshell



Probe is suitable for various field test



Solid metal surface



Compact size



IP67 waterproof



IR-97 Food Safety Infrared Thermometer

The Food Safety infrared non-contact thermometer for surface scans with a probe thermometer for internal temperature readings. An integrated countdown timer with alarm monitors line checks as well as cooking and cooling intervals.

Features

Built-in fold-out probe for measuring internal food temperatures
 Probe temperature range -40 to 200 °C
 Countdown timer to monitor cooking, cooling and HACCP exposure times
 Backlit display for clear readings in poorly lit areas
 MAX temperature displayed for quick reference

Specifications

IR Temp. Range	-40°C to 280°C/-40°F to 536°F
Response Time	Less than 500ms
Optical Resolution	4:1 Distance to Spot size
Emissivity	Fixed at 0.95
Thermistor Temperature Range	-40°C to 200°C/-40°F to 392°F
Resolution	0.1°C/°F
Basic Accuracy	±1.0% of reading

Size(HxWxD): 50mm x67mm x 165mm

Weight: 100g

Accessories:

9V battery, Clamshell.

CE

EMC
 EN: 61326
 EN: 60825-1



CE

EMC
EN: 61326
EN: 60825-1

HACCP approved



Model: 163

162/163 professional wireless BBQ thermometer measures the core temperature of grilled food, transmits it wirelessly to a portable display, signals its readiness and gives an acoustic and visual alarm when the cooking time is about to be exceeded. A temperature probe measures the temperature of the grilled or pan-fried food, while the transmitter sends the data to the portable receiver over a distance of up to approx. 30m. The receiver features an acoustic voice output in five languages. The temperature can be displayed in °C or °F. The stainless steel temperature probe can be disassembled from the transmitter for easy cleaning.

162 BBQ thermometer is with single measuring probe.
163 BBQ thermometer is with dual measuring probes.

Features

	162	163
Food and cooking temperature of the wireless transmission functions	*	*
Dual probe measurement	*	*
Multi-LED indicate the food temperature	*	*
Temperature and Time gauge alarm functions	*	*
Food type and taste level selection	*	*
Food, temperature and time display	*	*
°C/°F temperature selection	*	*
Backlight function	*	*

Specification

Temperature range	-40 to 230°C / -40 to 446°F
Temperature accuracy	±1% ±1°C / ±1% ±1.8°F
Transmitter range	30m
Power supply	2*1.5AAA

Size(HxWxD): 150mm x 45mm x 20mm

Weight: 50g

Accessories: 2 x 1.5V "AAA" batteries, Clamshell



Model: 162



CE

EMC
EN: 61326
EN: 60825-1

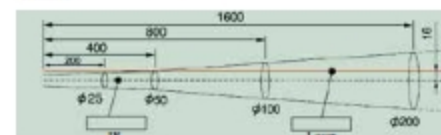
HACCP approved (IR-93)

IR-92/93 Series The Non-contact Infrared Thermometers can be used to measure the temperature of objects' surface that is improper to be measured by traditional (contact) thermometer (such as moving object, the surface with electricity current or the objects which are uneasy to be touched).

- Unique flat surface, mini modern housing design
- Temperature measurements from -35.0°C to 300°C/-31.0°F to 572°F
- Built-in laser pointer identifies target area
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- Overrange indication
- Auto Data Hold when trigger released
- Auto Power Off

Distance (D) to Spot size(S)

D:S=8:1



(Unit: mm)



Model: IR-93

Features

	IR-92	IR-93
User selectable °C or °F	*	*
Laser targeting	*	*
Automatic Data Hold	*	*
Auto Power Off	*	*
Overrange indication	*	*
For food	*	*

Specifications

	IR-92	IR-93
Temperature Range	-18 to 300°C / 0 to 572°F	-35 to 300°C / -31 to 572°F
D:S	8:1	8:1
Temperature accuracy	±3.6°F (2°C) or ±2% of reading	Below 39°F (4°C) ±3.6°F (2°C) 39 to 150°F (4 to 65°C) ±2°F (1°C) Above 149°F (65°C) ±(1%+2°F(1°C)) of reading.
Response Wavelength range	8-14um	
Resolution	0.1	
Emissivity	Fixed at 0.95	Fixed at 0.97
Response Time	About 150ms	
Laser wavelength	630-660nm	
Laser class	Class 2	
Data hold	Yes	
°C/°F Switchable	Yes	
Low power indication	Yes	
Auto turn off	About 7 sec.	
Operating temp.	0 to 50°C (32 to 122°F)	
Storage temp.	-10 to 60°C (-4 to 140°F)	
Relative humidity	10%~90%RH operating, <80%RH storage	
Power supply	9V battery, NEDA 1604A or IEC 6LR61, or equivalent	

Size(HxWxD): 166mm x45mm x 38mm

Weight: 190g

Accessories:

9V battery, Clamshell.



Model: IR-92

CE

EMC
EN: 61326
EN: 60825-1

Features

- User selectable °C or °F
- Data Hold & Auto Power Off
- Overrange indication
- Max, Min record
- IR with probe temperature

Specifications

IR Temp. Range	-35°C to 260°C/ -31°F to 500°F
IR Temp. Resolution	0.1°C/°F
Optical Resolution	1:1 Distance to Spot size
Emissivity	Adjustable 0.10~1.0
Thermistor Temperature Range	-40°C to 260°C/ -40°F to 500°F
Resolution	0.1°C/°F
Response Time	Less than 1 second
Basic Accuracy	±2% of reading

Size(HxWxD): 140mm x 42mm x 25mm

Weight: 80g

Accessories:

CR2032 Button battery, Clamshell.



EMC
EN: 61326
EN: 60825-1



Model IR-96



2 in 1 IR Thermometer with thermistor probe

DT-880B Food Thermometer with Red/Green LED indication

- High Accuracy for food temperature measurement.
- Set alarm & Sound alarm if temperature is exceeded.
- Digital LCD display with backlight.
- Data displayed in Celsius or Fahrenheit.
- Auto power off (energy saver).
- Small, convenient, easy to use.

Size(HxWxD): 160mm x 62mm x 42mm

Weight: 177g

Accessories:

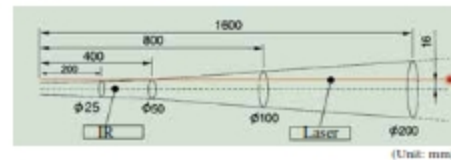
9V battery, Carrying case and Gift box.

Specifications

Surface Temp. range	-50.0 to 200°C(-58°F to 392°F)
Basic Accuracy	±0.3°C/±0.6°F at 30°C-40°C/ 86°F-104°F Range
Optical Resolution	8:1 Distance to Spot size
Resolution	0.1°C/°F
Response Time	Less than 1 second
Emissivity	Fixed at 0.95

Distance (D) to Spot size (S)

D:S=8:1



(Unit: mm)



Model 880B



- IP rating 67
- Easy to use
- LCD screen shows readings in Fahrenheit or Celsius
- Compact size design

Features

- User selectable °C or °F
- Automatic Data Hold
- Auto Power Off
- Low battery indication
- Fast sampling time 300ms
- Preserve the original taste, aroma and color of your wine
- Automatic vacuum sealing opened wines in seconds
- Easy-to-read led display indicating wine temperature, sealing status and counts the days.
- No-slip, no-scratch soft touch grip
- Continuous air pressure detection and auto re-pump of air

Specifications

Range	-35°C-100°C/-31°F-212°F
Basic Accuracy	±1.5% or ±1.5°C/±3°F
Optical Resolution	8:1
Resolution	0.1°C/°F
Emissivity	Fixed at 0.95

Size: 100mm x 25mm

Weight: 33g

Accessories :

Two LR44(1.5V) button batteries, Clamshell

HACCT approved

1.5% Accuracy

300ms faster sampling time



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EN: 61326
EN: 60825-1



Model IR-69



- 300ms quickest sampling time with 1.5% accuracy (IR-65B)
- Easy to use : hold it within two feet of the area to be measured and push the button
- Large LCD screen shows readings in Fahrenheit or Celsius
- Range: -35 to 250°C/-31 to 482°F (IR-65B)
- Compact size design for the ultimate in convenience and portability
- World smallest & IP rating 67 (IR-67/67B)

1.5% Accuracy (IR-65B)

Model IR-65



EMC
EN: 61326
EN: 60925-1



World smallest



Model IR-67B

Features	IR-65	IR-65B	IR-67	IR-67B
User selectable °C or °F	*	*	*	*
Automatic Data Hold	*	*	*	*
Auto Power Off	*	*	*	*
Low battery indication	*	*	*	*
Lock function	*	*	*	*
Set Min, Max	*	*	*	*
Fast sampling time	<1s	300ms	<1s	<1s
Housing material	Plastic	Plastic	Plastic	Metal
High accuracy		1.5%		1.5%

Specifications	IR-65	IR-65B	IR-67	IR-67B
Range	-35°C~230°C/-31°F~446°F	-35°C~250°C/-31°F~482°F	-35°C~230°C/-31°F~446°F	-35°C~250°C/-31°F~482°F
Response Time	Less than 1 second	Less than 1 second	Less than 1 second	Less than 1 second
Basic Accuracy	±2% or ±2°C/±4°F	±1.5% or ±2°C/±4°F	±2% or ±2°C/±4°F	±1.5% or ±2°C/±4°F
Optical Resolution	1:1			
Emissivity	Fixed at 0.95	0.1 to 1 (adjustable)	Fixed at 0.95	
Resolution	0.1°C/°F			

Size: 90mm x 40mmx25mm (IR-65/65B)

100mm x 25mm (IR-67/67B)

Weight: 36g (IR-65/65B) 33g (IR-67/67B)

Accessories : One CR2032 button battery & Clamshell (IR-65/65B)

Two LR44(1.5V) button batteries, Clamshell (IR-67/67B)



≤100°C Green backlit



>100°C Red backlit



Features

	IR-66	IR-66B
User selectable °C or °F	*	*
Automatic Data Hold	*	*
Auto Power Off	*	*
Low battery indication	*	*
Lock function	*	*
Set Min, Max	*	*
Fast sampling time	<1s	300ms
High accuracy		1.5%

Specifications

	IR-66	IR-66B
Range	-35°C~230°C/-31°F~446°F	-35°C~250°C/-31°F~482°F
Response Time	Less than 1 second	Less than 300ms
Basic Accuracy	±2% or ±2°C/±4°F	±1.5% or ±2°C/±4°F
Optical Resolution	1:1	
Resolution	0.1°C/°F	
Emissivity	Fixed at 0.95	

Size(HxWxD): 75mm x 40mm x 20mm

Weight: 33g

Accessories :

One CR2032 button battery, Carrying Case & Clamshell

- 300ms quickest sampling time with 1.5% accuracy (IR-66B)
- Easy to use : hold it within two feet of the area to be measured and push the button
- Large LCD screen shows readings in Fahrenheit or Celsius
- Range: -35 to 250°C/-31 to 482°F
- Compact size design for the ultimate in convenience and portability

1.5% Accuracy (IR-66B)

300ms faster sampling time (IR-66B)



EMC
EN: 61326
EN: 60925-1



Model IR-66



Model IR-66B

IR-77H/88/88H series Pocket InfraRed Thermometers with Laser Pointer

The IR-77H/88/88H series Pocket InfraRed Thermometers are new models designed with lower cost. Check all types of A/C and heating systems. Monitor performance of appliances such as refrigerator, dishwasher, freezer and oven. Ensure proper cooking, grilling and storage temperatures.

- Built-in laser pointer identifies target area
- 6:1 Distance to Spot size ratio
- Data Hold and Max Hold (IR-88/88H)
- Fixed emissivity 0.95 covers 90% of surface applications
- Adjustable Emissivity (88H)
- 0.1° resolution (88H)
- Lock for continuous use (88H)
- Programmable alarm setpoint (88H)

- Laser Pointer
- Measure up to 270°C/518°F

- 6:1 Distance to Spot
- Adjustable Emissivity (88H)

Specifications

	IR-77H	IR-86/IR-87/IR-88	IR-88H
Range	-30°C~270°C/-22°F~518°F	-20°C~270°C/-4°F~518°F	-20°C~270°C/-4°F~518°F
Response Time	Less than 1 second	Less than 1 second	Less than 750ms
Resolution	0.1°C/°F	1°C/°F	0.1°C/°F
Basic Accuracy	±2% or ±2°C/±4°F	±2% or ±2°C/±4°F	±2% or ±2°C/±4°F
Optical Resolution	6:1	6:1	6:1
Emissivity	Fixed at 0.95	Fixed at 0.95	0.1 to 1 (adjustable)
Battery	1.5V AAA battery x 2	1.5V AAA battery x 2	1.5V AAA battery x 2

Size(HxWxD): IR-77H: 97mm x 57mm x 29mm

IR-86/87/88/88H: 97mm x 53mm x 25mm

Accessories :

Two "AAA" Batteries, Manual and Clamshell.

Weight: 81g



Model IR-88



Model IR-77H



EMC
EN: 61326

- IR temperature reading on LCD display
- 2G capacity flash memory

Specifications

IR Temp. Range	-35°C~230°C (-31°F~446°F)
Response Time	Less than 1 second
Basic Accuracy	±2% or ±2°C/±4°F
Optical Resolution	1:1
Resolution	0.1°C/°F
Emissivity	Fixed at 0.95
Flash memory	2G bits

Size(HxWxD): 102mm x 35 x 20mm

Weight: 40g

Accessories:

Two "AAA" batteries, Clamshell.

IR-15

2 in 1 InfraRed Thermometer & Pressure Temperature Chart

2 in 1 Digital Infrared Thermometer with pressure temperature chart offers fast and accurate IR temperature or temperature references on a large easy-to-read LCD display.

- Rugged, double molded case
- Easy to chart the references of freezing devices

Specifications

IR Temp. Range	-30 to 500°C/-22 to 932°F
Response Time	Less than 300 ms
Basic Accuracy	±1.5% or ±2°C/±4°F
Optical Resolution	13:1
Resolution	0.1°C/°F
Emissivity	Fixed at 0.95

Size(HxWxD): 154mm x 61mm x 46mm

Weight: 190g

Accessories:

9V battery, gift box with carrying case.

AC-8T

2 in 1 InfraRed Thermometer & Non-contact AC Voltage

2 in 1 Infrared Thermometer with Non-contact AC Voltage(NCV) provides easy and safety measurement. Check all types of A/C, electronic and heating systems.

- IR temperature reading on LCD display
- Non-contact Detection of AC Voltage from 100VAC to 1000VAC
- Pocket size with Rugged, double molded case
- NCV self-test function

Specifications (IR thermometer)

IR Temp. Range	-35°C~230°C (-31°F~446°F)
Response Time	Less than 1 second
Basic Accuracy	±2% or ±2°C/±4°F
Optical Resolution	1:1
Resolution	0.1°C/°F
Emissivity	Fixed at 0.95

Specifications (NCV)

Standard	CAT III 1000V
Operating Range	VoltFinder: 100 ~ 1000V AC; 200 ~ 1000V AC (European standard)

Size(HxWxD): 155mm x 21mm x 25mm

Weight: 34g

Accessories:

Two "AAA" batteries, clamshell



EMC
EN: 61326

Features

	IR-98	IR-99
User selectable °C or °F	*	*
Data Hold & Auto Power Off	*	*
Overrange indication	*	*
Max, Min record	*	*
IR with probe temperature	*	*
IR with probe & clamp temperature	*	*

Specifications

	IR-98	IR-99
IR Temp. Range	-35°C to 260°C/ -31°F to 500°F	*
IR Temp. Resolution	0.1°C/°F	*
Optical Resolution	1:1 Distance to Spot size	*
Emissivity	Adjustable 0.10-1.0	*
Thermistor Temperature Range	-40°C to 260°C/ -40°F to 500°F	*
Resolution	0.1°C/°F	*
Clamp Temperature Range	-40°C to 200°C/ -40°F to 392°F	*
Response Time	Less than 1 second	*
Basic Accuracy	±2% of reading	*

Size(HxWxD): 140mm x 42mm x 25mm(IR-98)

Weight: 80g

Accessories:

CR2032 Button battery, Clamshell.

Size(HxWxD): 103mm x 52mm x 25mm(IR-99)

Weight: 109g

Accessories:

CR2032 Button battery, Clamshell.



8810 Series and IR-68 Multifunction InfraRed Thermometers

8810 Series and IR-68 Non-contact IR Thermometers are multifunctional and low cost, provide quick non-contact wide range temperature measurements. Targeting objects are easy with the bright laser beam.

- Unique flat surface(8810E/8811H/8812H)
- Built-in laser pointer identifies target area
- 16" Gooseneck detector is easy to measure the hard-to-reach areas (IR-68)

Features

	8810E/8810	8811H/8811	8812H/8812	IR-68
16"Gooseneck detector	*	*	*	*
User selectable °C or °F	*	*	*	*
Laser targeting	*	*	*	*
Automatic Data Hold	*	*	*	*
audible and visible Overrange indication	*	*	*	*
Auto Power Off	*	*	*	*
Backlit LCD Display	*	*	*	*
Low battery indication	*	*	*	*
Wide range	*	*	*	*
Automatic range	*	*	*	*

Features

	8810E	8811H	8812H	IR-68
Range	-20°C to 350°C/ -4°F to 662°F	-20°C to 500°C/ -4°F to 932°F	-50°C to 650°C/ -58°F to 1202°F	-50°C to 600°C/ -58°F to 1112°F
Response time	Less than 1 second.	Less than 1 second.	Less than 1 second.	Less than 1 second.
Resolution	0.1° up to 200°, 1° over 200°	0.1° up to 200°, 1° over 200°	0.1° up to 200°, 1° over 200°	0.1° up to 200°, 1° over 200°
Basic Accuracy	± 2% of reading or ±2°C/±4°F	± 2% of reading or ±2°C/±4°F	± 2% of reading or ±2°C/±4°F	± 2% of reading or ±2°C/±4°F
Optical resolution	8:1 Distance to Spot size	8:1 Distance to Spot size	8:1 Distance to Spot size	8:1 Distance to Spot size
Emissivity	Fixed at 0.95	Fixed at 0.95	Fixed at 0.95	Fixed at 0.95

Size(HxWxD): 159mm x 79mm x 57mm

Weight: 100g

Accessories:

9V battery, Clamshell or gift box with carrying case



EMC
EN: 61326
EN: 60825-1

Non-Contact Clinical Forehead InfraRed Thermometers



8806U/8806H/8816H Clinical Forehead Infrared Thermometers ensure accurate and stable body temperature readings, which is particular efficient for taking the temperature of newborn babies and very young children. From a distance of around 5cm, all you have to do is pointing it towards the forehead to read the temperature shown on the LCD screen.

- 8806H is portable and easy to take the measurements and store 32 readings.
- 8816H is portable with body temperature datalogger to memory 6000 readings.
- 8806U is portable with USB interface

Safety Conformance

- ASTM E1965-1998
- EN 980: Graphical symbols for use in the labeling of medical devices
- EN 1041: Information supplied by the manufacturer with medical devices
- EN 60601-1: Medical electrical equipment Part 1: General requirements for safety (IEC:60601-1:1998)
- EN 60601-1-2: Medical electrical equipment Part 1-2: General requirements for safety Collateral standard Electromagnetic compatibility Requirements and test (IEC 60601-1-2:2001)

Features

	8806H	8806U	8816H
Precise non-contact forehead temperature measurements	*	*	*
Selectable °C or °F & forehead heat detection	*	*	*
Selectable Body and Surface temperature	*	*	*
Set alarm value and sound alarm	*	*	*
Memorization of the last 32 measurements	*	*	*
Automatic Data Hold & Auto power off	*	*	*
Automatic selection range	*	*	*
Display Resolution 0.1°C(0.1°F)	*	*	*
Backlight LCD display	*	*	*
Wireless data transmitting(RF433MHz)	*	*	*
6000 Readings memories	*	*	*
Records readings with real date and time stamp	*	*	*
Read the Max/Min measuring temperature	*	*	*
USB interface	*	*	*

Specifications

Range(In body mode)	32.0°C to 42.5°C/89.6°F to 108.5°F
Range(In Surface mode)	0°C to 60°C/32°F to 140°F
Resolution	0.1°C/0.1°F
Basic accuracy	±0.3°C at 30°C-40°C/±0.5°F
ASTM	±0.3°C at 30°C-40°C/±0.5°F
E1965-1998(2003)	±0.3°C at 30°C-40°C/±0.5°F
Measuring distance	5-15cm
Response time	0.5 second



Size(HxWxD): 146mm x 88mm x 43mm (8806H/8816U/8816H)
Weight: 205g

Accessories: 2x1.5V AA batteries, Carrying case and Gift box.



Model 8806H



Model 8816H



Model 8816R

Body Temperature Datalogger

Non-Contact Forehead IR Thermometer is specially designed to take the body temperature of a person regardless of room temperature.

Safety Conformance

- ASTM E1965-1998
- EN 980: Graphical symbols for use in the labeling of medical devices
- EN 1041: Information supplied by the manufacturer with medical devices
- EN 60601-1: Medical electrical equipment Part 1: General requirements for safety (IEC:60601-1:1998)
- EN 60601-1-2: Medical electrical equipment Part 1-2: General requirements for safety Collateral standard Electromagnetic compatibility Requirements and test (IEC 60601-1-2:2001)

Features

	8806	8806S
Housing colour	Blue	Purple
Precise non-contact forehead temperature measurements	*	*
Selectable °C or °F & forehead heat detection	*	*
Selectable Body and Surface temperature	*	*
Set alarm value and sound alarm	*	*
Memorization of the last 32 measurements	*	*
Automatic Data Hold & Auto power off	*	*
Automatic selection range	*	*
Display Resolution 0.1°C(0.1°F)	*	*
Backlight LCD display	*	*

Specifications

Range(In body mode)	32.0°C to 42.5°C/89.6°F to 108.5°F
Range(In Surface mode)	0°C to 60°C/32°F to 140°F
Resolution	0.1°C/0.1°F
Basic accuracy	±0.3°C at 30°C-40°C/±0.5°F
ASTM	±0.3°C at 30°C-40°C/±0.5°F
E1965-1998(2003)	±0.3°C at 30°C-40°C/±0.5°F
Measuring distance	5-15cm
Response time	0.5 second

Size(HxWxD): 131mm x 62mm x 35mm (8806/8806S)

Weight: 130g

Accessories: 2x1.5V AA batteries, Carrying case and Gift box.

DT-608 Mini Non-Contact Forehead Infrared Thermometer

Non-Contact Forehead IR Thermometer is specially designed to take the body temperature of a person regardless of room temperature.

Features

- Precise non-contact body temperature measurements
- Selectable °C or °F & forehead heat detection
- Selectable Body and Surface temperature
- Automatic Data Hold & Auto power off
- Automatic selection range and Display Resolution 0.1°C(0.1°F)
- 0.5-2.5cm Measuring distance

Specifications

Body temperature range	30.0°C to 42.5°C/86°F to 109°F
Surface temperature range	0°C to 60°C/32°F to 140°F
Resolution	0.1°C/0.1°F
Basic accuracy	±0.3°C at 30°C-40°C/±0.5°F
Response time	0.5 second
Over range indication	LCD will show "Hi"/"Lo"
Emissivity	fixed at 0.95
Spectral response	6-14um
Power off	Automatic shut off after 7 seconds, approx.

Size(HxWxD): 80mm x 40mm x 23mm

Weight: 33g

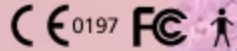
Accessories: One CR2032 button battery, Carrying case and Gift box.

Model 8806S

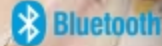


Model 608

Non-Contact Body IR Thermometer is specially designed to read the body temperature of a person regardless of room temperature.



Made for
iPod iPhone iPad



Model 806B



iCare software
for Body Thermometers



Non-Contact Body IR Thermometer is a newly design with European style, specially designed to take the body temperature of a person regardless of room temperature.

Features

	806/806D/806R	806C	806CV	806B
Precise non-contact body temperature measurements	*	*	*	*
Selectable °C or °F & forehead heat detection	*	*	*	*
Selectable Body and Surface temperature	*	*	*	*
Set alarm value and sound alarm	*	*	*	*
Memorization of the last 32 measurements	*	*	*	*
Automatic Data Hold & Auto power off	*	*	*	*
Automatic selection range and Display Resolution (0.1°C/0.1°F)	*	*	*	*
Backlight LCD display	*	*	*	*
Meterbox iCare & cloud computing service	*	*	*	*
Red, orange, green LED indicator	*	*	*	*
Talking function	*	*	*	*
Body IR Thermometer analyzer	*	*	*	*
Measuring distance (Distance to Spot size)	8:1	8:1	8:1	8:1
Bluetooth & Cloud server	*	*	*	*

Specifications

Body temperature range	30.0°C to 42.5°C/86°F to 109°F
Surface temperature range	0°C to 60°C/32°F to 140°F
Resolution	0.1°C/0.1°F
Basic accuracy	±0.3°C at 30°C~40°C/86°F~104°F Range
Measuring distance (806)	Body temp.:5-15CM (Surface temp.: 8:1 Distance to Spot size)
Response time	0.5 second
Over range indication	LCD will show "Hi" / "Lo"
Emissivity	fixed at 0.95
Spectral response	6~14um
Power off	Automatic shut off after 7 seconds, approx.
Operating temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	-20°C to 60°C (-4°F to 140°F)
Relative humidity	10%~90%RH operating, <80%RH storage



Model 806



Model 806B



Model 806D



Model 806R



Model 806C



Blue backlight



Red backlight
Low temperature reading alarm High temperature reading alarm



Model 806B



Body IR Thermometer analyzer

Size(HxWxD): 150mm x 58mm x 40mm
Weight: 157g
Accessories:
2 x 1.5V "AAA" battery, Carrying case and Gift box.

