



Product Pictures in English





Color Box in English





English Instruction

320x212mm

10-3 Buttons operation
10-3-1 ON/SCAN button (Measuring Trigger): Press the button to power on the device and begin to measure.
10-3-2 MODE button: Switch the body mode, surface mode.
NOTE: Body mode is for body temperature, and the Surface mode is for object surface temperature, please make sure use the Body mode when taking body temperature.
10-3-3 SET button: Adjust the settings of the device. (Please turn to the instructions of the SET button in details as follows)
10-3-4 UP and Down button: go ahead or back, increase or decrease.

10-4. Instructions of MODE button
When the device is ON, short press the MODE button to switch Body mode and Surface mode. The LCD will display "Body" and "Surface temp" for the Body mode and the Surface mode.

10-5. Instructions of SET button
The device can adjust the default settings by the SET button for different kinds of people and different ambient temperatures. We suggest keep the default setting, however, you can adjust the default settings as following instructions if necessary:
10-5-1 Offset setting (Total Difference) - F1
When the device is ON, short press the SET button, the LCD will display F1, press UP and DOWN to adjust the Offset, and press the SET buttons several times until the device power off, the setting is finished.
10-5-2 Unit setting - F2
When the device is ON, short press the SET button two times, the LCD will display F2, press UP and DOWN to choose the Unit, and press the SET buttons several times until the device power off, the setting is finished.
10-5-3 Alarm setting - F3
When the device is ON, short press the SET button three times, the LCD will display F3, press UP and DOWN to set the alarm temperature, and press the SET buttons several times until the device power off, the setting is finished.
10-5-4 Buzzer On/Off setting - F4
When the device is ON, short press the SET button four times, the LCD will display F4, press UP and DOWN to On or Off the buzzer, and press the SET buttons several times until the device power off, the setting is finished.
NOTE: For every setting, you should keep short pressing the SET buttons until it is Off automatically, the setting is finished, otherwise, the setting is still the previous settings, not the new settings.

10-6. Data memory
Data will be memorized automatically after measuring, it will display at the right corner LCD. Press UP or DOWN button to check all the memorized data.
10-6-1, Short press the UP or Down button to check all the memories.
10-6-2, Keep pressing the UP or Down button to delete all the memories.

11. Change the battery
When the battery is low, please change new batteries.
11-1. Please take out the batteries to avoid battery leaking if the device will not be used for a long time.
11-2. Please make sure the correct positioning, a mistake will this will cause damage to the device and compromise the guarantee of the device.
11-3. Never use rechargeable batteries, use only batteries for single usage.

12. Life-span of the device
The device is conceived for an intense and professional use, its life-span is guaranteed for 40000 taking.

13. Maintenance and Cleaning
13-1. The protective glass over the lens is the most important and fragile part of the device, please take great care of it.
13-2. Clean the glass with cotton fabric at 70% alcohol.
13-3. Do not expose the thermometer to sunlight or water.
13-4. Do not clean the device with corrosive detergent.
13-5. The Sensor is the most sensitive part of the device, please take great care of it too.

14. Trouble shooting
If you have the following questions while using the device, please refer to this breakdown service, guide to help resolve the problem. If the problem persists, please contact our customer service.

14-1. LCD display "HI". The device tells you that the aim object temperature is out of the measuring range, either above 42°C (107.6°F) in Body mode or above 100°C (212°F) in Surface mode.
14-2. LCD display "LO". The device tells you that the aim object temperature is out of the measuring range, either below 35°C (95.0°F) in Body mode or below 0°C (32°F).
14-3. Reasons for "HI" and "LO", and suggestions to solve:

Possible reasons	Maintenance Suggestions
Testing results affected by hair, perspiration etc.	Make sure that there is no obstruction in front of the forehead.
Incorrectly placed by limited angle	Make sure you are from fitting angle.
The measuring distance is too far	Make sure the measuring distance is 1.5cm (0.4-1.2 in).
Too much to touch, or too low ambient temperature to high ambient temperature	Keep the device in the room ambient for 15-20 minutes before measuring.
The measuring values are too close each other	Keep the device left for 15 seconds after 2 continuous measuring, one minute will be better.

15. General Knowledge of Body Temperature
Human body is a very complicated comprehensive system, and the body temperature is a very important indicator of the body health conditions. We can take the temperatures of our forehead, ear, oral, auxiliary etc to check our health conditions. Different temperature will be for different body parts, please kindly check the values as follows:

Measurement	Normal temperature (°C)	Normal temperature (°F)
Oral	36.0 to 37.0	97.0 to 100.4
Oral	35.5 to 37.5	95.9 to 99.5
Auxiliary	34.7 to 37.3	94.5 to 99.1
Rectal	35.5 to 38.0	95.9 to 100.4
Forehead/Temperature	34.7 to 37.8	94.5 to 100.0
Thermal lamp	34.7 to 37.8	94.5 to 100.0

1. Advice For the 1st use
For stable and reliable results, it is essential to check the Non-contact Body IR thermometer and adjust as needed with the following steps:
1st step: Take the temperature of a person using a conventional thermometer and get the test result, 37.5°C (99.5°F) for example.
2nd step: Take the temperature of the same person using the Non-contact Body IR thermometer keeping 1.5cm (0.4-1.2 in) between the thermometer and the forehead (Be sure to remove any obstacle on the forehead which may affect the testing result, such as hair, perspiration etc. If you get 37.5°C (99.5°F), that is to say, the Non-contact Body IR thermometer is properly set and ready for use. If you get a lower temperature, 36.4°C (97.5°F) for example, the difference is 1.1°C (2.0°F). You should adjust the temperature on the Non-contact Body IR thermometer and add the difference, e.g. 1.1°C (2.0°F).
To adjust the difference, short press SET button, the screen displays F1, press UP/DOWN button to add the difference, e.g. 1.1°C (2.0°F), then short press SET button several times until it power off automatically.
3rd step: Take the temperature again using the Non-contact Body IR thermometer to check whether the thermometer is properly set.

2. General Descriptions
The non-contact IR thermometer is specially designed for testing baby forehead temperature. It has two modes: Body mode for measuring body temperature and Surface mode for measuring object surface temperature. Besides baby forehead temperature, it can also test the temperature of room, food, bath water, baby milk etc. It adopts the most advanced infrared techniques, acquire the aim temperature quickly, analyze the data intelligently and display the result within 5 seconds.
Note: Depending on various skin types and thickness, the test result may be different.

3. Safety Information
This device must only be used for the purposes described in this instruction manual.
Do not expose this thermometer to electric shocks.
Do not use the device in relative humidity > 85%.
Do not use the device near large electromagnetic fields such as found with cordless or cell phones.
Keep the device away from water and heat, including direct sunlight.
Do not drop or knock the device, and do not use it if damaged.
It may affect the accuracy of measurements when the forehead is covered by hair, perspiration, cap or scarf.
If it can't measure the forehead temperature due to perspiration or other factors, please take the temperature behind the ear lobe.
Clean the glass with cotton bud lightly moistened with 70% alcohol.

When problems occur with the device, please contact the retailer, don't repair it by yourself.

4. Importance
Make sure move away the hair, perspiration etc. on the forehead before measuring.
This device must only be used in an ambient temperature between 10°C (60.8°F) and 35°C (95.0°F), the best ambient temperature is 20°C (77°F), do not use it in extreme conditions of >35°C (95.0°F) or <10°C (60.8°F).
To obtain stable and reliable data, you should keep the device for 15-20 minutes to balance its own temperature before measuring when the ambient temperature change greatly, and keep it 1 minute after 2 continuous measuring.
Select Body mode to measure the body temperature, while select Surface mode to measure the surface temperature.
Make sure the measuring distance is 1.5cm (2.5.9in).
The use of this thermometer is not intended as substitute for consultation with your physician, please turn to the doctor once the measuring result seems abnormal.

5. Features
Multiple functions: Not only can measure body temperature, but also can measure the temperature of surface, room, bath water, food, baby milk etc.

Object temperature: Measure object surface temperature, such as tea cup, cake, food etc.
Liquid temperature: Measure liquid temperature, such as baby milk, bath water etc.

7. Specifications

Measuring range	Body mode: 35.42°C / 95.57°F Surface mode: 0-100°C / 32-212°F
Measuring Accuracy	±0.3°C (±0.9°F) ±0.3°F (±0.5°F) ±0.3°C (±0.5°F) / ±0.3°F (±0.5°F) ±0.4°C (±0.7°F) / ±0.7°F (±1.3°F) ±0.5°C (±0.9°F) / ±0.9°F (±1.6°F) ±0.6°C (±1.1°F) / ±1.1°F (±2.0°F)
Measuring time	1 seconds
Measuring distance	1.5CM
Resolution	0.1°C (0.1°F)
Three-color backlight	35.5°C (95.9°F): Green 36.0°C (96.8°F): Yellow 36.5°C (97.7°F): Red 37.0°C (98.6°F): Red 37.5°C (99.5°F): Red 38.0°C (100.4°F): Red 38.5°C (101.3°F): Red 39.0°C (102.2°F): Red 39.5°C (103.1°F): Red 40.0°C (104.0°F): Red 40.5°C (104.9°F): Red 41.0°C (105.8°F): Red 41.5°C (106.7°F): Red 42.0°C (107.6°F): Red 42.5°C (108.5°F): Red 43.0°C (109.4°F): Red 43.5°C (110.3°F): Red 44.0°C (111.2°F): Red 44.5°C (112.1°F): Red 45.0°C (113.0°F): Red 45.5°C (113.9°F): Red 46.0°C (114.8°F): Red 46.5°C (115.7°F): Red 47.0°C (116.6°F): Red 47.5°C (117.5°F): Red 48.0°C (118.4°F): Red 48.5°C (119.3°F): Red 49.0°C (120.2°F): Red 49.5°C (121.1°F): Red 50.0°C (122.0°F): Red 50.5°C (122.9°F): Red 51.0°C (123.8°F): Red 51.5°C (124.7°F): Red 52.0°C (125.6°F): Red 52.5°C (126.5°F): Red 53.0°C (127.4°F): Red 53.5°C (128.3°F): Red 54.0°C (129.2°F): Red 54.5°C (130.1°F): Red 55.0°C (131.0°F): Red 55.5°C (131.9°F): Red 56.0°C (132.8°F): Red 56.5°C (133.7°F): Red 57.0°C (134.6°F): Red 57.5°C (135.5°F): Red 58.0°C (136.4°F): Red 58.5°C (137.3°F): Red 59.0°C (138.2°F): Red 59.5°C (139.1°F): Red 60.0°C (140.0°F): Red 60.5°C (140.9°F): Red 61.0°C (141.8°F): Red 61.5°C (142.7°F): Red 62.0°C (143.6°F): Red 62.5°C (144.5°F): Red 63.0°C (145.4°F): Red 63.5°C (146.3°F): Red 64.0°C (147.2°F): Red 64.5°C (148.1°F): Red 65.0°C (149.0°F): Red 65.5°C (149.9°F): Red 66.0°C (150.8°F): Red 66.5°C (151.7°F): Red 67.0°C (152.6°F): Red 67.5°C (153.5°F): Red 68.0°C (154.4°F): Red 68.5°C (155.3°F): Red 69.0°C (156.2°F): Red 69.5°C (157.1°F): Red 70.0°C (158.0°F): Red 70.5°C (158.9°F): Red 71.0°C (159.8°F): Red 71.5°C (160.7°F): Red 72.0°C (161.6°F): Red 72.5°C (162.5°F): Red 73.0°C (163.4°F): Red 73.5°C (164.3°F): Red 74.0°C (165.2°F): Red 74.5°C (166.1°F): Red 75.0°C (167.0°F): Red 75.5°C (167.9°F): Red 76.0°C (168.8°F): Red 76.5°C (169.7°F): Red 77.0°C (170.6°F): Red 77.5°C (171.5°F): Red 78.0°C (172.4°F): Red 78.5°C (173.3°F): Red 79.0°C (174.2°F): Red 79.5°C (175.1°F): Red 80.0°C (176.0°F): Red 80.5°C (176.9°F): Red 81.0°C (177.8°F): Red 81.5°C (178.7°F): Red 82.0°C (179.6°F): Red 82.5°C (180.5°F): Red 83.0°C (181.4°F): Red 83.5°C (182.3°F): Red 84.0°C (183.2°F): Red 84.5°C (184.1°F): Red 85.0°C (185.0°F): Red 85.5°C (185.9°F): Red 86.0°C (186.8°F): Red 86.5°C (187.7°F): Red 87.0°C (188.6°F): Red 87.5°C (189.5°F): Red 88.0°C (190.4°F): Red 88.5°C (191.3°F): Red 89.0°C (192.2°F): Red 89.5°C (193.1°F): Red 90.0°C (194.0°F): Red 90.5°C (194.9°F): Red 91.0°C (195.8°F): Red 91.5°C (196.7°F): Red 92.0°C (197.6°F): Red 92.5°C (198.5°F): Red 93.0°C (199.4°F): Red 93.5°C (200.3°F): Red 94.0°C (201.2°F): Red 94.5°C (202.1°F): Red 95.0°C (203.0°F): Red 95.5°C (203.9°F): Red 96.0°C (204.8°F): Red 96.5°C (205.7°F): Red 97.0°C (206.6°F): Red 97.5°C (207.5°F): Red 98.0°C (208.4°F): Red 98.5°C (209.3°F): Red 99.0°C (210.2°F): Red 99.5°C (211.1°F): Red 100.0°C (212.0°F): Red

8. Configuration

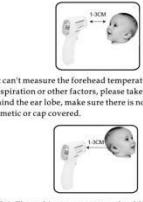
- IR Sensor
- LCD Display
- MODE Button
- Down Button
- Up Button
- Set Button
- ON/Scan Button
- Battery Cover

9. LCD Indicator

- Surface Mode
- Body Mode
- Ambient Temperature Mode
- Digital Readout
- Smile or Cry Indicator
- Battery Indicator
- Buzzer on/off Indicator
- Memories
- °C
- Memory number
- 11°F

10. Operation

10-1. Install battery
Push the battery cover by the arrow, open the battery cover, insert two pieces AAA size batteries according to the "+" and "-", and close the battery cover.
Note: Make sure the right positive and negative charges of the battery.



If it can't measure the forehead temperature due to perspiration or other factors, please take the temperature behind the ear lobe, make sure there is no hair, perspiration, cosmetic or cap covered.

10-1-1. For the first use or when inserting new batteries, wait 15 minutes for warming up the device.
10-1-2. If the device is not used for a long time once you turn it on again, the device will test the room temperature firstly and will delay turning on for more two seconds.

10-2. Measuring operation
Aim towards the forehead (see the diagram below for the positioning), from a distance of 1.5cm (0.4-1.2 in), press the measuring trigger, the temperature is displayed immediately. Making sure there is no hair, perspiration, cosmetic or cap covered on the forehead.

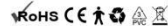
Warranty Card

Model: _____
Serial No.: _____
Date of Purchase: _____

- The device covers warranty for 1 year except damages by man-made factors.
- Please read carefully the user manual before operation.
- Free maintain won't be given under the following circumstances:
 - The damages caused by the manipulation that hasn't follow the instructions of the manual.
 - The breakdown caused by the dismantle movement of a non-authorized maintenance man.
 - The breakdown, raw harm or damages because of the move or drop.
 - The damages caused by the customer inappropriate preservation, maintain or the usage.
 - The breakdown and damages caused by the force majeure.

Puhan Chuowei Electronic Technology Co., Ltd.
Hi and New Technology Industrial Development
Zone Putian City, Fujian Province, China

MADE IN CHINA



User Manual Non Contact Infrared Body Thermometer Model: FR-8806



Please read this manual before operating this device, important safety information inside.