

Multifunction

Infrared Thermometer



User`s Manual

Contents

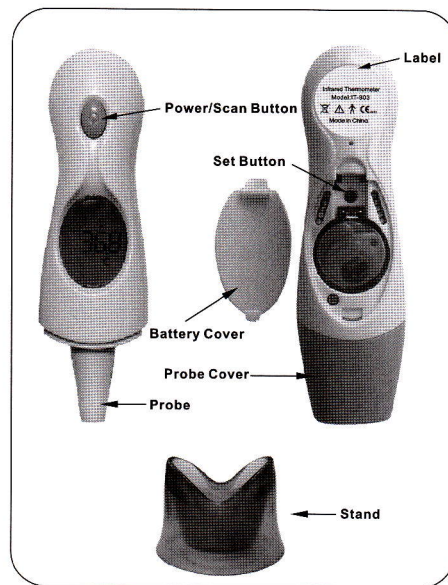
1. In this box	2
2. Illustration.....	2
3. Definition of symbols.....	3
4. Setting	3
5. Temperature measurement	5
6. Battery replacement	6
7. Precautions.....	7
8. Trouble shooting	8
9. Product specification	8

1. In this Box










The box should have contained:

- 1× Thermometer
- 1× Stand
- 1× CR2032 battery
- 1× User's manual

2. Illustration



3. Definition of Symbols

	Measuring in progress
	Ear temperature mode
	Forehead temperature mode
	Fever
	Celsius scale
	Fahrenheit scale
	Clock
	Low battery
	Memory of last effective body temperature


4. Setting

If you need to set the functions, power on the device, open the battery cover, press the "set" button to enter in function-setting mode, continuous operation for the next option, wait for 2 seconds it will enters into the submenu automatically.

the function list as follows:

NAME	FUNCTION	DESCRIPTION
F-1	Celsius/Fahrenheit unit option	select the temperature unit
F-2	Body/Object temperature selection	Ear/Forehead mode or Ear/Object mode selection "body" stands for body temperature, "FACE" stands for object temperature
F-3	Time set	when you set time, the room temperature and time will displays in turns
F-4	Set temperature offset	Set the temperature offset according to oneself's need, the range is $\pm 3^{\circ}\text{C}$, (only for forehead temperature mode)
F-5	Set the value of orange backlight	The system default value is $37.5^{\circ}\text{C}-37.9^{\circ}\text{C}$, the user defined range is $\pm 3^{\circ}\text{C}$
F-6	Set the value of red backlight	The system default value is $38.0^{\circ}\text{C}-42.9^{\circ}\text{C}$, the user defined range is $\pm 3^{\circ}\text{C}$, it will displays priority when temperature value overlap with the range of orange backlight

5. Temperature measurement

When put on the probe cover and the LCD displays “”, it enters into forehead test mode, when take off the probe cover, it enters into ear test mode


1) Forehead temperature

When powered on, place the device on a temple, Press the “Power/Scan” button and keep it pressed down, Keeping the probe cover in contact with the skin, scan it across the forehead from one temple to the other for 2-3 seconds, Release the “Power/Scan” button, then the device emits a sound “be” the test is completed.

2) Ear temperature

When powered on, Place the probe in ear where you feel comfortable, Press the “Power/Scan” button once, then the device emits a sound “be”, the test is completed.

3) Object temperature

When put on the probe cover and the LCD did not displays “”, it enters into object test mode.

When Powered on, place the device near an object within 1cm, Press the “Power/Scan” button and keep it pressed down, scan it for 2-3 seconds, Release the “Power/Scan” button, then the device emits a sound “be” the test is completed.

6. Battery Replacement

Low battery: When the battery comes to low, the icon of low battery will appear on the bottom of the screen. Please replace the battery as soon as possible, however, the thermometer will continue to operate for some time. (Fig 6.1)

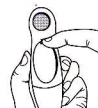
No battery: When the battery reaches its lowest level, the battery symbol flashes, the “Lo” display appears and beeps are emitted, (Fig 6.2) then power off automatically.



(Fig 6.1)



(Fig 6.2)



(Fig 6.3)



(Fig 6.4)

Battery replacement

- 1). Open the battery cover and take out the old battery (Fig 6.3)
- 2). Put a new CR2032 button battery with cathode downward into the battery seat. (Fig 6.4)




Note:

To deal with the old battery and the whole thermometer, please comply with the local law and regulations.

7. Precautions

- 1). When your first use this thermometer, please put the battery into the thermometer.
- 2). With a water tight probe , after each use, the thermometer may be cleaned with a disinfectant wipe or cotton wool soaked in alcohol.
- 3). The body of the thermometer is not watertight, do not immerse it into any liquid.
- 4). Do not expose the device to the extreme temperatures for a long time.
- 5). Avoid violent impacts and do not drop the thermometer.
- 6). Avoid direct contact between fingers and the tip of the probe.
- 7). Do not try to disassemble the device.
- 8). The device is designed without ear caps, which are not necessary.
Keep the probe clean, and protect it from earwax, sweat and oil stains.
Otherwise, the infrared measurement function will not be accurate.
- 9). Do not measure body temperature within 30 minutes after meals, exercise or bath.
- 10). When the environment changes a lot (for instance, from indoor to outdoor), please wait in the new environment for about 30 minutes before measuring the new temperature.
- 11). The intervals shall be 10 seconds when measurements body temperature.

8. Trouble shooting

Description	Meaning
	The measured body temperature $> 42.9^{\circ}\text{C}$
	The measured body temperature $< 32.0^{\circ}\text{C}$
	When measures body temperature, the room temperature is beyond the working temperature scope $10.0^{\circ}\text{C} - 40.0^{\circ}\text{C}$

9. Product Specifications

Model	IT-903
Temperature Range	Body: $32.0^{\circ}\text{C} - 42.9^{\circ}\text{C}$ ($89.6^{\circ}\text{F} - 109.2^{\circ}\text{F}$)
	Object: $0^{\circ}\text{C} - 100^{\circ}\text{C}$ ($32^{\circ}\text{F} - 212^{\circ}\text{F}$)
Precision	Body: $\pm 0.2^{\circ}\text{C} / 0.4^{\circ}\text{F}$
	Object: $\pm 0.5^{\circ}\text{C} / 0.9^{\circ}\text{F}$
Resolution	$0.1^{\circ}\text{C} / 0.1^{\circ}\text{F}$
Operating conditions	Body: $10.0^{\circ}\text{C} - 40.0^{\circ}\text{C}$ ($50.0^{\circ}\text{F} - 104.0^{\circ}\text{F}$) Rh $\leq 80\%$
	Object: $0^{\circ}\text{C} - 50^{\circ}\text{C}$ ($32^{\circ}\text{F} - 122^{\circ}\text{F}$) Rh $\leq 80\%$
Storage conditions	$-25.0^{\circ}\text{C} - 55.0^{\circ}\text{C}$ ($-13.0^{\circ}\text{F} - 131.0^{\circ}\text{F}$) Rh $\leq 95\%$
Battery	$1 \times 3\text{V CR2032}$ button battery