

Medical infrared thermometer Instructions

Model : WT188

Epidemic emergency products
For temperature / material temperature detection

In order to use the product correctly, please
read the instruction manual before use

Product performance

Temperature measurement range: 10-60°C
Body temperature: 34-42.9°C
Temperature measurement time: about 2 seconds
Temperature display accuracy: $\pm 0.1^\circ\text{C}$
Tolerance accuracy of body temperature
measurement: $\pm 0.3^\circ\text{C}$

Display mode: LCD
Product size: L145mm×W93mm×H38mm
Weight: $\leq 110\text{g}$
Current consumption: OFF $\leq 50\mu\text{A}$, Dynamic ON $\leq 20\text{mA}$
DC power supply: DC 3.0V (Two AAA batteries)

Electronic thermometer with automatic standby and
self detection function

Work environment

1. Ambient temperature: $10^\circ\text{C} \sim 40^\circ\text{C}$
2. Relative humidity: $\leq 85\%\text{RH}$
3. Atmospheric pressure: $70\text{kPa} \sim 106\text{kPa}$
4. The internal DC power supply DC 3V has a relative error of + 5% and - 10%
5. Keep 1-3cm distance between infrared thermometer and forehead

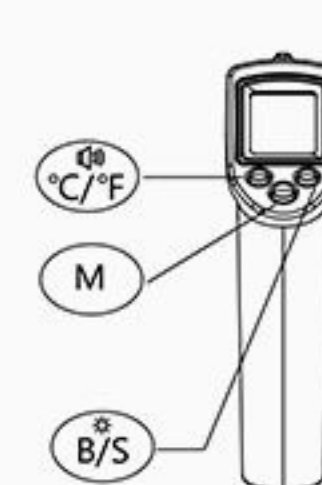
Technical characteristics

1. It can be applied to different skin color, with measurement time $\geq 1\text{s}$
2. 8s automatic shutdown without operation
3. $^\circ\text{C}/^\circ\text{F}$ switching, audio / mute mode switching
4. Backlight source
5. 32 groups of memory reading function
6. Measuring range of infrared electronic thermometer: ($34^\circ\text{C} \sim 42.9^\circ\text{C}/93.2^\circ\text{F} \sim 109.2^\circ\text{F}$)
7. Electric shock protection: internal power supply, type B application

8. Liquid inlet protection classification: general equipment
9. Operation mode: continuous operation
10. This product can not be used in the presence of flammable anesthetic gas mixed with air or flammable anesthetic gas mixed with oxygen or nitrous oxide.

Structure and function

1. Keys and functions

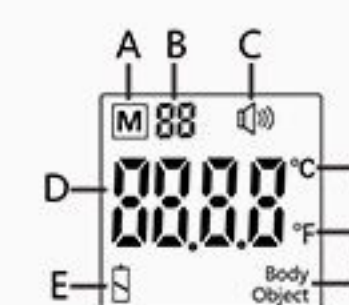


$^\circ\text{C}/^\circ\text{F}$ key: Switch between Celsius and Fahrenheit. The default is Celsius. Press and hold for 3 seconds to switch to Fahrenheit, and then press and hold for 3 seconds to switch to Celsius. This cycle. Press briefly to switch the audio / mute mode.

B/S key: Short press to turn off LCD backlight, then short press to turn on backlight, and long press for 3 seconds to switch between body temperature and object temperature.

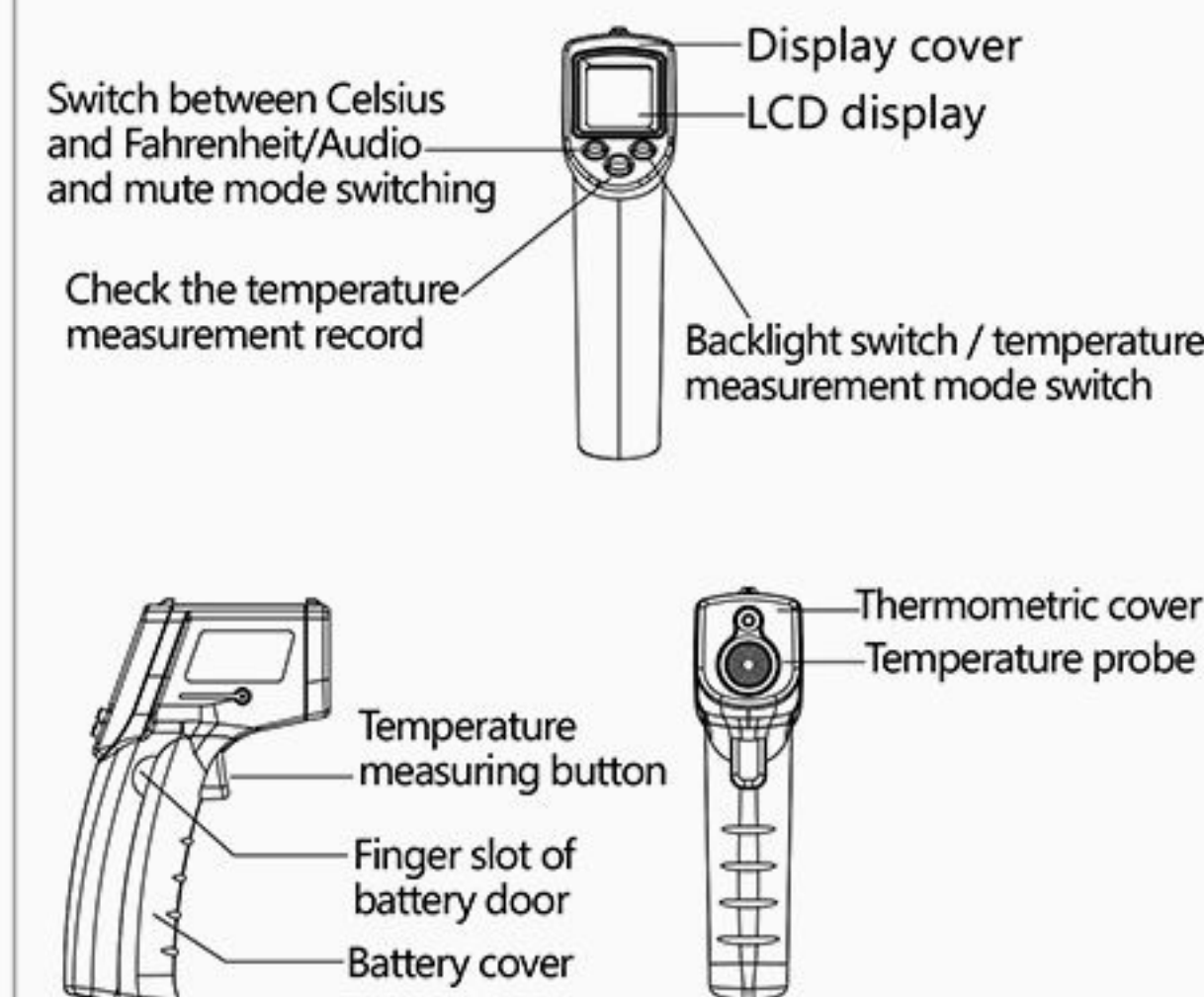
M key: Check the temperature measurement record, briefly press once to check the first group of temperature, LCD screen displays m and 01, and displays the corresponding temperature at the same time, then press briefly to display the second group of temperature, so cycle, the maximum is 32 groups, and press for 3 seconds to clear all the memorized measured temperatures.

2. LCD display screen



- A : Data memory function
- B : Number of data memory groups
- C : Audible / Mute
- D : Temperature display
- E : Battery level
- F : Celsius display
- G : Fahrenheit display
- H : Body temperature / object temperature mode

3. Main structure



Precautions and warnings

1. Keep the sensor head clean and do not use anything to cover the front.
- a. External dirt: it can be cleaned with wet cotton cloth with water or alcohol. The amount of liquid should not drop out of the wet cotton cloth to avoid flowing into the product Damage. Regular cleaning of the outside of the product prevents the interaction between users Cross infection.
- b. Internal dirt: the infrared detector is an important part of the product, if there is dirt, Please use a cotton swab to wipe with anhydrous alcohol with purity of more than 95%.
Note: the infrared detector cannot be wiped with 75% disinfectant alcohol, which may be residualTraces of water;
Do not use other chemical reagents to wipe the infrared detector (it may cause damage to the infrared detector); foreign matters or damage on the surface of the infrared detector will affect the measurement accuracy of the product.
2. In order to ensure the accuracy of measurement, it is recommended to wait for 30 minutes before measuring when you enter a new environment where the temperature changes greatly.
3. Sweat and stains on the forehead will affect the accuracy of measurement. Do not take the temperature within 30 minutes after eating, bathing or exercising.
4. Do not expose the product to the sun or touch the water.
5. The ambient temperature of using this product is $10^\circ\text{C} \sim 40^\circ\text{C}$, and the best temperature is $16 \sim 35^\circ\text{C}$.
6. Please do not use the product in the environment higher than 40°C or lower than 10°C .
7. Please do not use the product in the environment with relative humidity greater than 85%.

8. Please do not put this product too close to the electromagnetic range (such as radio, mobile phone, etc.).
9. Please do not impact or drop the product, if there is damage, please do not use it.
10. When it is not used for a long time, take out the battery to avoid the battery leakage damaging the product.

Use and operation

1. Press the temperature measurement button to start the test.
2. When the beep is heard, the LCD will display the current measured value and release the key.
3. In temperature mode, if the temperature exceeds 38°C (alarm value), the current measured value will be displayed and a beep will sound.
4. In body temperature mode, when the temperature is higher than 42.9°C , hi will be displayed and a beep will sound.
5. In body temperature mode, when the temperature is lower than 34°C , Lo will be displayed and a beep will sound.
6. In material temperature mode, when the temperature is higher than 60°C , hi will be displayed and a beep will sound.
7. In the material temperature mode, if the temperature is lower than 10°C , Lo will be displayed and a beep will sound.
8. When the ambient temperature exceeds $10^\circ\text{C} \sim 40^\circ\text{C}$, Err will be displayed.
9. When there is no operation after the test, the thermometer will turn off automatically after 8s.

Battery replacement

1. When the LCD displays " \square ", it means that the battery has been in a low power state. You must Replace the battery as soon as possible to ensure the accuracy of the measurement.
2. When replacing the battery, open the battery cover to remove the old battery.
3. Install the battery according to the positive and negative poles of the battery buckle. If the positive and negative poles are installed reversely, they will not buckle and may lead damage to the product.
4. Do not throw waste batteries around or put them into the fire to avoid explosion. Please put them into the dustbin according to the classification.

Transportation and storage

1. Transportation requirements shall be in accordance with the provisions of the order contract, and the transportation process shall be protected from the sun and rain.
2. Storage: the packed thermometer shall be stored at $-20^\circ\text{C} \sim 55^\circ\text{C}$ relative humidity no more than 85%, no corrosive gas, well ventilated room.
3. Do not expose the product to the sun or touch the water.
4. Please do not put the product too close to the electromagnetic range (such as radio, mobile phone, etc.).
5. Please do not bump or drop the product, and do not use if it is damaged.
6. When it is not used for a long time, take out the battery to avoid the battery leakage damaging the product.