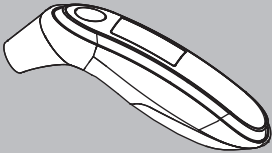


Operator’s Manual

Infrared Thermometer



Model: YK-IRT5

1 Product Introduction

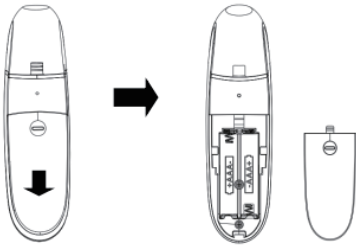
**1.1 Intended use**  
The infrared thermometer of we produced is specially for measuring body temperature, it can measure human ear temperature, it suitable for medical unit and home use.  
User Group  
Age: Adult/Children  
-Fever patient;  
-Other people who need to have their temperature taken  
-Doctor

**1.2 Contraindications**  
otitis externa, otitis media

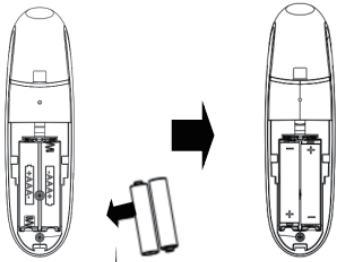
**1.3 Features**  
1) This machine can measure ear temperature.  
2) 1 second measure the temperature, easily and fast.  
3) Sensor measurement technology, high precision.  
4) Automatically power-off, if left idle for 15 seconds.  
5) One-key measurement, easy to use.  
6) Fever prompt, better to know your physical condition .  
7) Stores 32 sets recent measurement data, easy for your data contrast.  
8) Safety by infrared measuring, avoid the damage of the measuring by traditional mercury thermometer.

2 Battery Installation Usage

1) Remove the battery cover as the arrow direction according.



2)Install 2 AAA batteries, ensure each battery is in the proper direction.



3) Close the battery cover.



3.5 Fever Prompt Function

Thermometer has fever prompt function. When body temperature is over 38.0 °C during measurement, the thermometer will give out a “beep—beep—beep” sound in order to remind the person who is under test that he/she gets a fever. At the same time, backlight of 3 different colors will indicate the state of temperature: normal, on the high side or fever.  
Green backlight: Below 37.5 °C, indicating temperature is normal;  
Yellow backlight: Between 37.6-38.0°C, indicating temperature is on the high side (should pay attention to the temperature);  
Red backlight: over 38.1°C, indicating fever( should see a doctor as soon as possible).  
Attention : The product is suitable for professional use or domestic use  
The correct use method is the key to the accuracy of measurement. Operators should have certain knowledge of body temperature. The operating environment shall be in accordance with the instructions.

Symbols and Definitions

BF type applied part

Keep away from sunlight

Refer to operation manual

Cautions

Standby

Humidity range

Keep dry

Temperature range

Serial number

Date of manufacture

Manufacturer

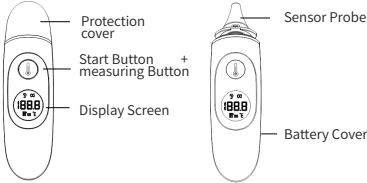
European union representative

First characteristic numeral 2: Against ingress of solid foreign objects:≥ 12.5mm diameter  
Second characteristic numeral 2: Against ingree of water with harmful effects:dripping(15° tilted)

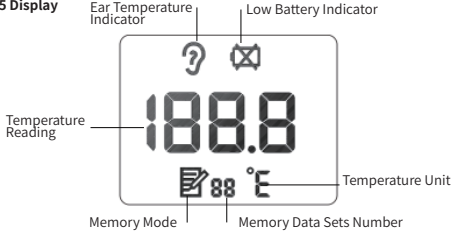
To protect the environment, dispose of empty batteries at appropriate collection sites according to national or local regulations.

ENSMIRT5202103251WHH  
20210030910027/36.08.001.0076

1.4 Structure



1.5 Display



3 Measurement

**3.1 Measuring Steps**  
Step 1:Take off the protective cover  
Step 2:With the subject’s head upright, take hold of the outer part of the ear, gently pull back and upward to straighten the ear canal, put the probe to ear canal slowly till the body of device stay completely close to ear canal.  
Step 3: Press the Start button, all symbols appear on the display, and then a “Beep” sound from the buzzer. Measuring program starts. Keeping device in position for one second after “Beep” sounds, the temperature value will show on screen .  
Note: After “Beep” sounds, the measurement is completed and the measurement results are displayed.



Step 4: During next 6 seconds when test result lasting on the screen, user can no longer make a measurement until a sound of “Beep”reminder and a “°C/°F” symbol twinkling on the screen.



Step 5: No operation in 15 seconds, the device will record the last measuring data and shut down automatically.

**Attention**  
When the measuring temperature is higher than 43 °C, “Hi” is displayed on the screen, and there is a “beep beep” tone, indicating that the temperature is high. When the measuring temperature is lower than 34 °C, “Lo” is displayed on the screen, and there is a “beep beep” tone, indicating that the temperature is low.

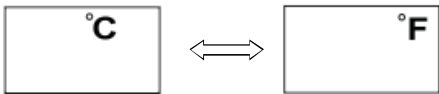
**Attention**  
Pull ear back in children younger than one year of age  
Pull ear back and upward for all testes elder than one year of age.

3.2 Memory View

At the end of the measurement, long press the “Measure”button to view the number of memory groups. The number of memory groups symbol flashes. Short press the power on key to view the 32 memory value. Press the “Measure” button to review the record. The test result will show up with a model symbol distinguish ear temperature. Press “Measure” button to check the next group data of total 32 groups. Once new data recorded, the sequence No. increase consecutively, group No. 32 disappear and the newest record will always be No. 1.

3.3 °C/°F Switch

Pressing “start button” for 3 seconds when the device in shutdown state, the unit will be switched between °C/°F.  
Cautions: This operation is unable to recycle switch, turn off and operate as 3.3 again to switch the unit back



3.4 Delete the memory value

Long press the “Measure Button” in the memory mode,all memory values will be deleted. The “CLR”is displayed on the screen.



3.6 Common Malfunction and Solutions

| Phenomenons                                                                                      | Possible Reasons                        | Solutions                                                     |
|--------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------|
|  Flicker        | power deficiency                        | Replace battery immediately                                   |
|  Blank screen | Thermometer is power off automatically. | Restart by pressing the Start and measuring Button            |
|                                                                                                  | Battery isn’t installed properly        | Check the battery board                                       |
|                                                                                                  | Battery has no power                    | Replace battery immediately                                   |
|                                                                                                  | Screen is still blank                   | Contact distributor and send back the product for repairation |
| Lo                                                                                               | TEMP is too low                         | ----                                                          |
|                                                                                                  | Environment TEMP is too low             | Measurement in proper environment                             |
| Hi                                                                                               | TEMP is too high                        | ----                                                          |
|                                                                                                  | Environment TEMP is too high            | Measurement in proper environment                             |

3.7 Notes

3.7.1 Note for Ear Temperature Measurement

- People with ear diseases such as otitis externa, or otitis media prohibited to use.
- If the measuring probe is covered with ear wax, it will lead to inaccurate measurement, even lead to cross infection between different people. Therefore, after each temperature measurement, users must use alcohol to clean measuring probe in order to keep it clean.
- After using alcohol to wipe measurement sensor, please wait for 5 minutes before measurement, so as to restore the thermometer to the necessary working temperature.

3.7.2 Others

- Please keep the sensor and probe clean before and after measurement;
- Best work environment temperature is between 15°C-40°C.
- Don’t use the thermometer in extreme environment, namely temperature is below 15°C or over 40°C, humidity is over 85% RH or below 30%.
- When the people being measured comes from a place where the temperature has a big difference from the test environment, he/she should stay in the test environment for at least 5 minutes in order to keep balance of the body temperature. Otherwise, the measurement result will be influenced.
- If the product is taken from a place where the temperature has a big difference from the test environment, then the product should be placed in the test environment for 20 minutes before measurement.
- Please keep the surrounding environment stable.Don’t measure in the fan, air conditioning vent airflow circle.
- Please avoid using the thermometer under direct sunlight,even outdoor.
- Measurement time interval in 20s .
- Advise to measure few minutes later after waking up.
- Do not measure after swimming or bathing or other reasons not yet completely dry.
- Please do not measure temperature after exercising, bathing or meal within 30 minutes,
- Before measuring body temperature, do not make any diet, and do not engage in sports activities.
- Do not measure baby temperature during or after breast-feeding.
- The thermometer can take away from the temperature measurement sites, only after the end of the voice prompts to hear the temperature.
- It contains small parts. In order to avoid swallowing, children need to use it under the supervision of adults.
- If the performance is inconsistent with the description or changes, stop using immediately and contact the manufacturer.
- Do not use this product if you are allergic to ABS, metal and other materials.
- The height of the infrared thermometer should not exceed two meters.
- Use the infrared thermometer to stay away from equipment that generates strong electric and magnetic fields.
- When using a thermometer, there should be no high-power equipment such as high-voltage cables, X-ray machines, ultrasonic instruments, and electrotherapy machines around.
- Direct use in the environment of electromagnetic interference shall be avoided to prevent temporary influence on its accuracy. (e.g., mobile phone, near microwave))
- Warning: Use of this infrared thermometer adjacent to or stacked with other equipment should be avoided because it could result in improper observed to verify that they are operating normally.
- Warning:Use of accessories,transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in impropre operation.
- Warning:Portable RF communications equipment (including peripherals such as antenna cables and external antennas )should be used no closer than 30cm(12 inches)to any part of the infrared thermometer ,including cables specified by the manufacturer. Otherwise,degradation of the performance of this infrared thermometer could result.

4 Manufacturer’s Declaration of the EUT

Statement:

- The infrared thermometer or user should use the product in the electromagnetic environment specified in the following table, otherwise it may cause abnormal operation of the product.
- The infrared thermometer can be maintained and calibrated once every two years, and the basic safety and basic performance of the infrared thermometer have been guaranteed.
- Infrared thermometer is a table-top equipment, it suitable for medical unit and home use.

Guidance and manufacturer’s declaration – electromagnetic emission – for all EQUIPMENT AND SYSTEMS

|   |                                                                                                                                                                                                         |            |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 1 | Guidance and manufacturer’s declaration – electromagnetic emission                                                                                                                                      |            |
| 2 | The Infrared thermometer is intended for use in the electromagnetic environment specified below. The customer or the user of Infrared thermometer should assure that it is used in such an environment. |            |
| 3 | Emissions test                                                                                                                                                                                          | Compliance |
| 4 | RF emissions CISPR 11                                                                                                                                                                                   | Group 1    |
| 5 | RF emissions CISPR 11                                                                                                                                                                                   | Class B    |
| 6 | Harmonic emissions IEC 61000-3-2                                                                                                                                                                        | N/A        |
| 7 | Voltage fluctuations /flicker emissions IEC 61000-3-3                                                                                                                                                   | N/A        |

Guidance and manufacturer's declaration – electromagnetic immunity – for all EQUIPMENT and SYSTEMS

| Guidance and manufacturer’s declaration – electromagnetic immunity                                                                                                                                          |                                                                                                                                                                         |                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| The infrared thermometer is intended for use in the electromagnetic environment specified below. The customer or the user of the infrared thermometer should assure that it is used in such an environment. |                                                                                                                                                                         |                              |
| Immunity test                                                                                                                                                                                               | EN 60601 test level                                                                                                                                                     | Compliance level             |
| Electrostatic discharge (ESD) IEC 61000-4-2                                                                                                                                                                 | ± 8 kV contact<br>± 15 kV air                                                                                                                                           | ± 8 kV contact<br>± 15kV air |
| Electrostatic transient / burst IEC 61000-4-4                                                                                                                                                               | ± 2 kV for power supply lines<br>± 1 kV for input/output lnes                                                                                                           | N/A                          |
| Surge IEC 61000-4-5                                                                                                                                                                                         | ± 1 kV differential mode<br>± 2 kV common mode                                                                                                                          | N/A                          |
| Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11                                                                                                         | < 5 % UT (>95 % dip in UT ) for 0.5 cycle<br>40 % UT (60 % dip in UT ) for 5 cycles<br>70 % UT (30 % dip in UT ) for 25 cycles<br>< 5 % UT (>95 % dip in UT ) for 5 sec | N/A                          |
| Power frequency (50/60 Hz) magnetic field IEC 61000-4-8                                                                                                                                                     | 30 A/m                                                                                                                                                                  | 30A/m                        |
| NOTE UT is the a. c. mains voltage prior to application of the test level.                                                                                                                                  |                                                                                                                                                                         |                              |

Guidance and manufacturer’s declaration – electromagnetic immunity – for EQUIPMENT and SYSTEM that are not LIFE-SUPPORTING

| Guidance and manufacturer’s declaration – electromagnetic immunity                                                                                                                                          |                             |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------|
| The infrared thermometer is intended for use in the electromagnetic environment specified below. The customer or the user of the infrared thermometer should assure that it is used in such an environment. |                             |                  |
| Immunity test                                                                                                                                                                                               | EN 60601 test level         | Compliance level |
| Conducted RF IEC 61000-4-6                                                                                                                                                                                  | 3 Vrms<br>150 kHz to 80 MHz | N/A              |

| Table 9 - Test specifications for enclosure port immunity to RF wireless communications equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                                                             |                                       |                  |              |                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------|---------------------------------------|------------------|--------------|--------------------------|
| Test frequency (MHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Band <sup>a)</sup> (MHz) | Service <sup>a)</sup>                                       | Modulation <sup>b)</sup>              | Maximum power(W) | Distance (m) | Immunity TEST LEVEL(V/m) |
| 385                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 380 -390                 | TETRA 400                                                   | Pulse modulation <sup>b)</sup>        | 1,8              | 0.3          | 27                       |
| 450                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 430 - 470                | GMRS 460, FRS 460                                           | FM(c) ± 5 kHz deviation               | 2                | 0.3          | 28                       |
| 710                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 704 - 787                | LTE Band 13,17                                              | Pulse modulation <sup>b)</sup>        | 0, 2             | 0.3          | 9                        |
| 745                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                                                             |                                       |                  |              |                          |
| 780                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                                                             |                                       |                  |              |                          |
| 810                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 800 - 960                | GSM 800/900,TETRA 800, iDEN 820,CDMA 850,LTE Band 5         | Pulse modulation <sup>b)</sup> 18 Hz  | 2                | 0.3          | 28                       |
| 870                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                                                             |                                       |                  |              |                          |
| 930                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                                                             |                                       |                  |              |                          |
| 1 720                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 700-1990               | GSM 1800;CDMA 1900; GSM 1900;DECT;LTE Band 1, 3 4, 25; UMTS | Pulse modulation <sup>b)</sup> 217 Hz | 2                | 0.3          | 28                       |
| 1 845                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                                                             |                                       |                  |              |                          |
| 1 970                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                                                             |                                       |                  |              |                          |
| 2 450                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2400-9 570               | Bluetooth,WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7         | Pulse modulation <sup>b)</sup> 217 Hz | 2                | 0.3          | 28                       |
| 5 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5 100-5 800              | WLAN 802.11 a/n                                             | Pulse modulation <sup>b)</sup> 217 Hz | 0,2              | 0.3          | 9                        |
| 5 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                                                             |                                       |                  |              |                          |
| 5 785                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                                                             |                                       |                  |              |                          |
| <p>NOTE:</p> <p>If necessary to achieve the immunity test level, the distance between the transmitting antenna and the me equipment or me system may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.</p> <p>a) For some services, only the uplink frequencies are included.</p> <p>b) The carrier shall be modulated using a 50 % duty cycle square wave signal.</p> <p>c) As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.</p> |                          |                                                             |                                       |                  |              |                          |

5 About the Temperature

1) the concept of body temperature: the body temperature refers to the body's internal temperature, the so-called normal body temperature is a healthy person's body temperature, in accordance with the measurement location, time, different objects may show different results.

2) the normal body temperature, the different parts of the body to measure the results are not the same. Therefore, different parts of the measurement results should not be used to compare with each other. In physical health, multi test several times, prior to know their "normal temperature".

NOTE: Product measurement data are used only as an aid to diagnosis.

6 Maintenance and Attention

- The probe of the Infrared thermometer is one of the most important parts , the front probe is most vulnerable. So be careful when using the measurement, av oid damaging the probe.
- Please wipe the LCD screen and the shell is gently with clean soft cloth;
- Please place the Infrared thermometer in a cool and dry place, avoid direct sunlight;
- If a period of time not plan to use it,please cover the cap and remove the battery;
- Please click the following ways to clean the probe:
- Cleaning frequency:  
When using at home, clean once before each use, clean once after each use.  
When measuring ear temperature in medical institutions, disposable ear temperature sleeve is recommended
- Cleaning method:  
use 75% alcohol cotton wet cloth to clean the infrared thermometer shell and temperature head, and then dry with a dry soft cotton cloth.  
If encounter has unfavorable clean dirt, can stick on soft cotton cloth water or neutral detergent wipe, reoccupy dry cloth wipe.
- Precautions:  
Never clean with abrasive cleaners, thinners or gasoline.  
Never immerse the instrument in water or other liquids  
Be careful not to scratch yourself.
- The packaging products should be stored in a temperature of - 20 °C - 55 °C, relative humidity is 15%~93% , non corrosive gases and well ventilated room.
- For a long time (more than 3 months) is not in use, please remove the battery storage. In addition into the battery is not used for a long time, may be due to battery leakage caused by fault;
- The treatment of waste batteries according to the city of relevant environmental protection regulations for processing;
- If you need maintenance, please contact the manufacturer
- If you don't comply with the above note matters and other proper use and lead to machine failure, the company does not assume responsibility for the quality.
- Do not repair or maintain during use.
- If you think the device is damaged or abnormal, please stop using the device. Please contact the manufacturer. It is strictly forbidden for the user to dismantle or repair by himself.
- The thermometer contains sensitive elements, which should be treated with caution. The aging of the elements will affect the performance of the thermometer. At the same time, the thermometer should not be used in the environment with electromagnetic interference.
- The infrared thermometer is composed of high quality sensitive parts, which can not be repaired by users themselves.
- Please place the thermometer in a place where children, pets, etc. can not be touched, so as to prevent falling, biting and affecting the product performance. Children need to use it under the supervision of adults.
- Warning: this device is not allowed to be modified
- NOTE: Please follow local laws to dispose of waste scrap.

- The results of ear temperature measurement by infrared thermometer were compared with those of oral mercury thermometer in control group.

◆ Preparation before use:  
Before the controlled trial, all subjects had no eating, drinking or strenuous activity for half an hour, and the environmental conditions were referred to the instruction.

◆ Inspection method:  
During the measurement, the mercury end of the oral thermometer, which was thrown below 35°C, was placed at an Angle in the hot bag under the subject's tongue, and the body temperature was read and recorded after 5 minutes with the lips closed tightly.Let's say the mercury thermometer is 37.5 °C.  
At the same time as the oral temperature is measured, the ear temperature is measured.The user reads three consecutive temperatures in the same ear for no more than one minute at a time. The average value is taken, if the result is a reading of 37.2°C, compared with the value of the mercury thermometer.The difference between the temperature of 37.5°C and the mercury thermometer is within the error range of ±0.3°C, indicating that the infrared thermometer is normal.  
If the reading is 36.5°C, with a difference of 1 °C, the infrared thermometer needs to be calibrated.  
measures  
You can contact the manufacturer for calibration inspection within the warranty period.  
The calibration cycle of this equipment is 2 years, and the calibration unit is: the manufacturer.

- The verification of the basic safety and performance of the thermometer shall comply with the inspection procedures for the whole infrared thermometer.

| No. | Item                                                                                                                                 | Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Name                                                                                                                                 | Infrared Thermometer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 2   | Model                                                                                                                                | YK-IRT5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 3   | Product Categories                                                                                                                   | Internal power supply equipment BF type application part                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 4   | Units of measurement                                                                                                                 | °C & °F key to switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 5   | Range                                                                                                                                | 34.0°C~43.0°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 6   | Range Indicator                                                                                                                      | <34.0°C Show Lo, >43.0°C Show Hi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 7   | Accuracy                                                                                                                             | <35.0°C and >42.0°C: ±0.3°C<br>35.0°C- 42.0°C: ±0.2°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 8   | Measuring position                                                                                                                   | Ear                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 9   | Measuring interval                                                                                                                   | About 6 s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 10  | The ambient temperature exceeds                                                                                                      | ≥40.0°C:show Hi<br><10.0°C:show Lo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 11  | Buzzer frequency                                                                                                                     | About 4kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 12  | Automatic shut-down                                                                                                                  | 15 seconds after no operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 13  | Low Voltage Tips                                                                                                                     | <2.4±0.4V , Battery symbol flashes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 14  | Memory function                                                                                                                      | Save last measured 32 memories (without memory Lo / Hi)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 15  | Operating Voltage                                                                                                                    | DC 2.4~3.3V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 16  | Working current                                                                                                                      | Standby:< 2uA, Power:<5 mA (VDD=3.0V)Without backlight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 17  | battery                                                                                                                              | 2×1.5V AAA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 18  | Tri-color backlit                                                                                                                    | ≤37.5°C Green<br>37.6°C~38.0°C Yellow<br>≥38.1°C Red                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 19  | Normal operating conditions                                                                                                          | Ambient temperature:15°C~40°C<br>Relative humidity:30%~85%<br>Atmospheric pressure: 70kPa~106kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 20  | Storage and transportation temperature                                                                                               | Ambient temperature: -20°C~55°C<br>Relative humidity:15%~93%<br>Atmospheric pressure: 50kPa~105kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 21  | Size                                                                                                                                 | 133.6mm×37mm×44.1mm (L×W×H)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 22  | N.W.                                                                                                                                 | About 52g                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 23  | Duration of use                                                                                                                      | 5 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 24  | the time required for me equipment to warm from the minimum storage temperature between uses until it is ready for intended use; and | About 30min                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 25  | the time required for me equipment to cool from the maximum storage temperature between uses until it is ready for intended use      | About 20min                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 26  | the time from switching "on" until the me equipment is ready for normal use, when it exceeds 15 s                                    | About 10 seconds                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 27  | Applied parts specified                                                                                                              | Temperature probe and its circuit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 28  | Use specification                                                                                                                    | 1.Expected medical instructions:<br>Infrared thermometer can measure the human ear temperature .<br>2.Expected patient population:<br>Age: Adult/Children<br>-Fever patient;<br>-Other people who need to have their temperature taken<br>3.Expected use or interaction with body parts tissue type:<br>Ears<br>4.Expected user profile:<br>Fever patients or people who need to measuretheir temperature, doctors, etc<br>5.Application environment:<br>Avoid electromagnetic interference<br>Extreme temperature<br>Avoid pollution and dust<br>Avoid direct sunlight, etc<br>6.Operating principle:<br>Infrared thermometers measure temperature by detecting infrared energy radiating from a person's ears. |
| 29  | Pollution degree                                                                                                                     | Pollution degree2:Micro-environment with non-conductive pollution,expect occasional conductivity caused by condensation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 30  | Overvoltage category classification                                                                                                  | Class I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

**After-sale Service.**

1.One year free warranty period will be provided after sales.

2.Our company cannot provide the free warranty service due to the malfunction caused by personal reason, details as follow:

- 1) The malfunction caused by disassemble and modify the product.
- 2) The product inner malfunction caused by dropping while picking up or operating.
- 3) The malfunction caused by improper used or lack of reasonable cared.
- 4) The malfunction caused by operating not following the operator’ s manual.
- 5) The malfunction caused by natural disasters,such as flooding,fire.
- 6) The malfunction caused by improper repaired by repaired shop which isn’ t our authorized.

3.Please show your valid warranty card and shopping vouchers when you need free service.

4.Please bring the product to repaired shop which is our authorized when you need free repaired.

5.When performing warranty service, if needed, you can provide information on product components to circuit diagrams and repairable identified by our qualified technical personnel.

6.We will collect reasonable charge when we repair some malfunctions which out warranty service.

| Inventory list               | Quantity |
|------------------------------|----------|
| Host of infrared thermometer | 1        |
| AAA battery                  | 2        |
| User manual                  | 1        |
| Guarantee card               | 1        |