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Female thermometer user's guide

Thank you for purchasing the Miaomiaoce®Electronic Thermometer

Miaomiaoce® electronic thermometer for home and medical departments use to measure the body temperature (by oral). This product can provide you with safe, accurate and rapid body temperature measurement, without worrying about glass breakage or mercury hazards. The human body temperature is affected by various factors such as smoking and diet. To use the product properly and safely, be sure to read this manual carefully before usage. Should you have any questions about your body temperature, please consult your doctor.

Medical Device Registration Number: Tianjin Institute of Industry and Technology Approved 20172200159

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#### Scope of Application:

This product is used for home and medical departments use to measure body temperature (by oral).

#### Contraindications:

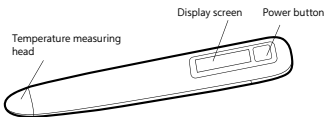
If any oral health problems, please do not use this product; those who are allergic to stainless steel or PC plastic should not use this product.

## Product Components:

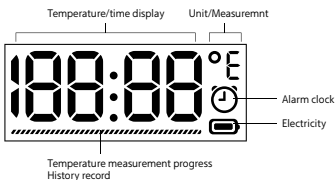
This product is mainly composed of plastic shell, temperature measuring head, temperature sensor, central processor, display screen, power button, prompt sound module, power supply, wireless transmission module (Bluetooth 4.0) and terminal mobile application software.

This product can be used independently, in addition to use in combination with mobile terminal application software.

## Outer structure appearance:



## Screen display information



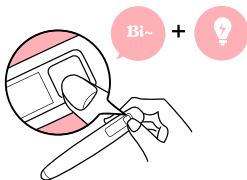
## Accessories:

- Storage sets
- Lithium battery CR1620 (already positioned into the body part)
- Manual (with product warranty, hazardous substance containment sheet)
- Qualified certification)
- EMC Technical Information

## How to use:

### Preparation

- Power on: As shown in the figure below, press the power button, the backlight will turn on with a beep sound.

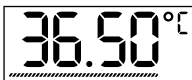


- After booting, the display shows as the following

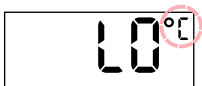


Note: If the display image does not match the illustration after power on, please refer to "Troubleshooting Table".

- History record: The history record " " appears on the screen, indicating that the value is the last measured temperature.



- Ready: When the screen shows below, the "°C" symbol begins to flash, indicating that it is ready to start measurement. Please put the thermometer in the mouth.

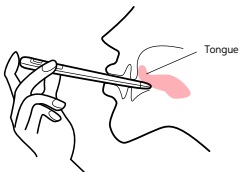
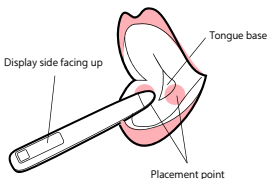


Note: The body temperature can be measured as usual even if the "LO" indication is not displayed (only the temperature is displayed) and it is not an error situation.

## To measure temperature

For oral use:

- ※ Keeping the mouth closed for more than 5 minutes before measurement. It can make the measurement more accurate.
- As shown in the figure below, place the thermometer on the tongue base of the mouth, it can rest on the left or right side of the tongue base.
- Close the mouth and press the thermometer with your tongue.
- Hold the thermometer with your hand to prevent it from sliding in your mouth.
- Please keep the mouth closed during temperature measurement.



**Note:** The following situations may cause inaccurate measurements

- Take body temperature immediately after exercise, bathing, or eating.  
Correct practice: Wait at least 30 minutes before measuring body temperature.
- Continuous measurement  
Correct practice: Please wait at least 30 seconds after power off.

## End of temperature measurement

- When the buzzer emits a beep sound (Beep – long sound), it indicates that the temperature measurement is finished. The display “° C” stops blinking, and the displayed temperature value is the result of the current body temperature.
- ※ It is recommended to keep the temperature measurement for 3 minutes after the beep sound, to achieve more accurate measurement results.
- Turn off the thermometer: press and hold (> 2 seconds) to switch the thermometer off and place it in the storage set
- ※ If no operation is performed for more than 5 minutes, the thermometer will automatically turn off. It is recommended to manually turn off the thermometer after the temperature measurement to extend the battery life.

## Software download and installation

Scan the QR code below to download the Miaomiaoe APP.



### Supported equipment

- Apple devices: Apple devices running iOS 8.0 and above with Bluetooth 4.0.
- Android devices: Android devices running Android 4.3 and above, with Bluetooth 4.0 devices.

# Software function introduction

## Data synchronization

- Press the power button to start the machine.
- Open the Miaomiaoce APP, follow the prompts for data synchronization.
- After the synchronization is completed, the thermometer can be used normally. And the temperature measurement data before synchronization will be automatically saved on the mobile device.

※ The thermometer can store 512 sets of body temperature data.

## Settings


- Press the power button to start the machine.
- Open the Miaomiaoce APP, select "Alarm" in the options to set or close the alarm wake-up time according to the prompts.
- After the alarm is set, an alarm clock will appear on the thermometer screen. The symbol will disappear when the alarm is cancelled.

## Wake up alarm

- When reaching the alarm wake-up time, the thermometer will emit a continuous tone like bee-bee and turn on the backlight. Press the power button shortly, then the alarm clock will be turned off.
- ※ If there is no operation for more than one minute, the alarm will automatically turn off and enter the standby state. It is recommended to manually turn off the alarm and extend the battery life.
- After the alarm is manually turned off, the thermometer enters the measure state automatically. Please put the thermometer into the mouth and start measuring.

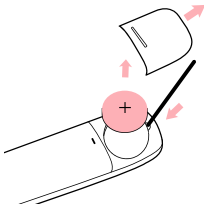
## How to use the battery

### Battery: Button Battery CR1620

If the battery shows replacement indicator on the thermometer screen, eg "  ", replace the battery promptly.

Battery replacement:

1. Nudge in the direction shown in the illustration and remove the battery back cover.
2. Remove the battery (please use a sharp object to pick out the battery)
3. As shown in the figure, place the "+" pole side with the new battery facing up.
4. Close the battery cover and fasten it.



Note:

- The thermometer is equipped with a trial battery. This battery may not provide the same battery life as a new battery.
- Dispose of wasted batteries according to the relevant regulations in your city.

## Specification

|   |   |
|---|---|
| Product Name:                                       | Electronic Thermometer  |
| Product model number:                               | MMC-W501  |
| Power Supply:                                       | DC 3.0V<br>(Button battery CR1620 × 1)  |
| Detector:   | Thermistor  |
| Measurement method:                                 | measured  |
| Temperature display:                                | 4-digit display with a resolution of 0.01° C  |
| Measurement accuracy:                               | ± 0.05° C (35.00° C~39.00° C)<br>± 0.1° C<br>(measured at standard room temperature 23° C in a constant temperature water bath) |
| Measuring range:                                    | 32.00° C~42.00° C   |
| Temperature data storage:                           | 512 groups  |
| Temperature and humidity for use:                   | +5° C~+40° C ≤85%RH   |
| Transport and storage temperature and humidity:     | -20° C~60° C, 10%RH~95%RH   |
| Operating atmospheric pressure:                     | 700hPa ~ 1060hPa  |
| Transportation and storage of atmospheric pressure: | 500hPa ~ 1060hPa  |
| Body weight:  | about 15g (with battery)  |
| Dimensions:   | 20.0mm (width) × 119.6 (length) × 10.0 (thickness)  |
| Electric Shock Protection:                          | Internal Power Battery, Type B Application Section.   |
| Anti-fluid level:                                   | The detector of the thermometer can work normally after waterproof experiment.  |

|   |  |
|---|--|
| Connection method:                      | Bluetooth 4.0  |
| Operating mode:                         | continuous operation   |
| Accessories:                            | Button battery CR1620 × 1, storage set, instruction manual (with product warranty, hazardous substance form), certificate of conformity, EMC technical data<br>Disinfection and sterilization methods: Refers to the manufacturer's recommended method |
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| Degree of safety classification:        | Equipment cannot be used in the environment of a mixture of flammable anesthetic gas with air or a mixture of oxygen or nitrous oxide  |
| Electromagnetic Compatibility:          | 1 Set, Class B Equipment   |
| Product service life:                   | 5 years  |

## State Description

| Indication          | Reason   | Corrective action  |
|---------------------|--|--|
| LO                  | When the detector's temperature is below 32° C | It is not an error, you can ignore and measure your body temperature |
| HI                  | When the detector's temperature is over 42° C  | Cooling the temperature head before measuring                        |
| Display temperature | Ambient temperature exceeding 32° C            | It is not an error, you can ignore and measure your body temperature |

## Safety Precautions

Before your use, please read carefully.

The warning signs and illustrations shown in the instructions are intended to be for your safe and correct use of the product and to prevent damage to you, others or damage to property. Warning signs, illustrations and their meanings are as follows.

### Warning signs



Warning

It indicates that there is a possibility of death or serious injury when using it incorrectly.



Attention

It indicates that personal injury and damage to the contents occur in case of incorrect use.  
 ※ Possible contents.  
 ※ Damage to the item is indicated to damage to the house property and livestock and pets



## Illustrations



Mandatory  
(must follow)



Prohibited  
(not allowed)



Type B application  
section



Attention  
(including  
warning threats)



Please refer to the  
instructions before  
use



Don't throw it  
away



This product also has certain harmful substances, but it can be used safely for a period of ten years of environmental protection. If it exceeds the environmental protection service life, it should enter the recycling system, battery not included.



### Warning



Get medical attention if you have high fever or prolonged fever, especially young children. Read carefully and follow the instructions to ensure accurate temperature measurement. Please note that temperature measuring are affected by many factors, including strong physical activity before the test, drinking hot or cold drinks, and measurement methods.



Please keep still during measurement.

It is dangerous to diagnose yourself only with thermometer measurement results. Please follow the doctor's instructions for the temperature results. Self-diagnosis may worsen the condition. This thermometer is only used to measure body temperature by the oral cavity. Do not attempt to measure body temperature in the arms, ears, anus, etc., as this may result in incorrect readings and possible injury.

Keep thermometers out of reach of the children. Do not allow children to measure body temperature alone. Children may be injured if they measure their body temperature unattended.

Do not place the battery or battery cover where children can reach it. Children may swallow. If the child swallows the battery or battery cover, seek medical attention immediately.

Do not measure under high temperature and high humidity, as this may result in inaccurate readings.



Do not over bend or bite the thermometer. Failure to do so may result in broken thermometers and injuries. Do not share the thermometer with more than one person without disinfection, or it may cause cross-infection. Do not attempt to disassemble or repair the thermometer. Failure to do so may result in inaccurate readings. Do not attempt to incinerate the battery. Otherwise it will burst.



Observe the polarity (+-) when replacing the battery. Failure to do so may result in leakage, heat generation or bursting and damage to the body.

Thermometer is not used for more than three months. Please remove the battery. Failure to do so may result in leakage, heat generation or bursting and damage to the product.



Do not use the thermometer in areas with strong static electricity or electromagnetic fields. Failure to do so may result in inaccurate readings and may cause instrument malfunction. Do not step on the thermometer. Do not try to sterilize by immersing the thermometer head in alcohol or hot water (water temperature exceeds 50° C).

## Safety advice

- Do not use a thermometer to measure any temperature other than body temperature.
- Do not drop the thermometer or subject it to shock or vibration.
- When the thermometer is wet, do not store it in the storage set. Dry it with a dry cloth first.
- Take body temperature after 30 minutes of exercise, bathing or eating.

## Troubleshooting

| Problem   | Cause   | Corrective measures  |
|---|---|--|
| The measured values are quite different                             | <ul style="list-style-type: none"><li>• The temperature measuring heads are placed in different positions, resulting in different readings</li><li>• Thermometer moves while measuring temperature</li><li>• The measured position is not kept closed while the temperature measurement is being performed.</li></ul> | Check whether the thermometer is placed in the correct position as described in "How to use" .   |
| Nothing appears on the display when the power switch is pressed     | Battery + – electrode are Inverted  | Battery removed and properly placed  |
|   | Battery runs out  | Replace with new battery (CR1620)  |
| The display of the thermometer screen is incomplete after power on. | The thermometer screen is damaged.  | Please refer to the after-sales service policy or contact with the second second after the sale. |

## Please keep the thermometer clean

- Please use 75% medical alcohol to wipe the surface of the product before measuring
- Please clean the thermometer with a clean soft cloth
- Do not use powerful water column to clean the thermometer or soak it in water
- Do not touch the display section with the alcohol temperature timer
- For stubborn stains, wipe the thermometer with a wrung cloth after using water or a neutral solvent, and wipe it with a soft, dry cloth.

- Please observe the following to prevent damage to the thermometer
  - Do not use benzene, thinner, gas, or other strong solvents to clean the thermometer
  - Do not soak thermometers in alcohol for long periods of time or try to disinfect them with hot water (water temperature 50° c or higher)
  - Do not use ultrasonic to clean the thermometer

Please store the thermometer in the storage set.

Do not store the thermometer in the following locations, as it may damage the thermometer

- Wet environment
- High temperature, high humidity, or direct sunlight
- The area near the heating equipment, dusty, or high salt concentration in the air
- Tilt, impact or vibration environment
- Storage of chemicals or the presence of corrosive gases

Abandoned advice

Dispose of the product, accessories, and batteries according to the city's environmental protection regulations

## Service

Customer service hotline

400-902-8288

Service hours

Monday to Friday 8:30-17:30 (Closed on national holidays)

Sales / After-sales service

Vendor: Miaomiaoce Medical Equipment (Tianjin) Co., Ltd.

Address: No. 26, Xixi Road, Tianjin Free Trade Experimental Zone (Airport Economic Zone), Tianjin Neusoft Software Sticky Medical Doctor Valley 1st floor, ZX102

Registrant / manufacturer

Production address: No. 26, Xixi Road, Tianjin Free Trade Experimental Zone (Airport Economic Zone), Tianjin Neusoft Software Sticky Medical Doctor Valley 1st floor, ZX102

Accommodation: No. 26, Xixi Road, Tianjin Free Trade Experimental Zone (Airport Economic Zone), Tianjin Neusoft Software Sticky Medical Doctor Valley 1st floor, ZX102

Phone: 400-902-8288

## Guarantee/warranty card

### Product warranty

1. One-year free warranty service with purchase invoices from the date of purchase
2. The company will not provide free warranty service for failures caused by the following personal reasons:
  - a) Failure caused by dismantling and modify the product without authorization
  - b) Failure caused by careless dropping during use and handling
  - c) Failure due to lack of proper maintenance
  - d) Failure caused by operation not in accordance with the correct instructions in the instruction manual
  - e) Failure due to improper repairs by non-authorized repair shops, etc.
3. Repair services out of warranty will be charged
4. Date of production, see product packaging

### Warranty Card

|                         |                 |
|-------------------------|-----------------|
| Product Model: MMC-W501 | Name            |
| Purchase date:          | Address         |
| Sales name              | Postal code     |
| Address Name            | Contact number  |
|                         | Sales shop seal |

## Harmful substances table

| Part Name                    |                       |                       |                       |                       |                       |                       |
|------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                              | Pb                    | Hg                    | Cd                    | Cr(VI)                | PBB                   | PBDE                  |
| Circuit components           | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Battery                      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Shell                        | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Small organization materials | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

This form is based on SJ/T 11364

○: indicates that the content of the hazardous substance in all homogeneous materials of the component is below the limit requirements specified in GB/T 26572

X: indicates that the content of the hazardous substance in at least one of the homogeneous materials of the component exceeds the limit specified in GB/T 26572

