Operation Instructions of Wireless Electronic Thermometer

Catalogue:

[Product Name]: Wireless electronic thermometer

[Scope Of Application]: The wireless electronic thermometer is used to measure the body temperature in medical institutions, and different models are suitable for different body temperature measuring parts.

[Product Composition]: It consists of a temperature label sensor probe electrode and a card reader. The temperature label sensor probe electrode is mainly composed of an electronic label integrated with a temperature sensor, a medical foam backing and medical adhesive tapes; the card reader can read multiple temperature label sensor probe electrodes, and temperature label sensor probe electrode is disposable medical consumables.

[Product Model]: See the Wireless electronic thermometer model list / specification list for details.

[Product Specification]: See the Wireless electronic thermometer model list / specification list for details.

Model	The specification of temperature label sensor probe electrode	The specification of car reader
A1	A140W0	HF
A2	A100W0	
A5	A125C	
A6	A135S0	

[Operation Instructions]:

1. Check whether the packaging of temperature label sensor probe electrode is damaged and the probe is damaged or not . Please contact medical staff and be replaced if damaged.

2. Placement of temperature label sensor probe electrode:

   A1、A2 Model: Tear the tape isolation belt of temperature label sensor probe electrode,place the side of temperature head under the armpit or at the groin and other advised temperature acquisition points, and press hard for five seconds; place antenna section (coil) on chest or other comfortable position.

   A5 Model: Place column temperature sensing head under armpits ,mouth ,anus and other advised temperature acquisition points and clamp.

   A6 Model: Tear the Non-woven tape isolation belt of temperature label sensor probe electrode, place black temperature head on the skin surface to be measured and secure with non-woven tape.

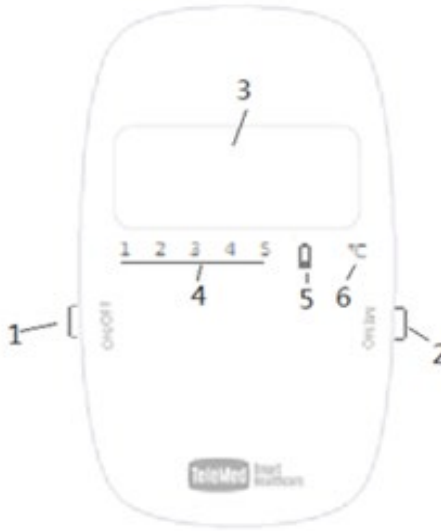
3. After a long press on power button of the card reader left side , the buzzer “beep” sounds; the screen of card reader lights up , it turns on successfully and enters the standby state after power-up.

   Such as low power indicator lights up, it is recommended to change first. Paste the

temperature measurement label sensor probe electrodes at least 5 minutes, read data while making the card reader to get close to the torus of temperature label sensor probe electrode. It indicates that reading data is completed successful and completes the measurement, while the card reader displays the temperature data and buzzer “beep” sounds. The card reader enters the standby state after displaying the temperature for 3 seconds .

4. The card reader will turn off after a long press on the power button in standby mode. If it is in standby mode and doesn’t do the measurement in 5 minutes, it will shut down.

5. Interface description of the Wireless electronic thermometer：



1. Power ——Long press power button
2. Memory button——Circulating display of the last 5 temperature measurements
3. Viewing screen ——Display temperature data
4. Sequence numbers of Memory storage——When the memory button is pressed, the latest temperature measurement data will be displayed and the corresponding storage serial number lamp will light up. The number 1 lighting up indicates the latest temperature measurement data, and the number 2 lighting up indicates the last temperature measurement data and so on.
5. Low power alert ——When the light is on, the battery power is low. Please charge it
6. Unit symbol ——Representation unit is degrees Celsius

[Main performance]:

1. Temperature display scope: 35.00°C - 42.00°C
2. Resolution: 0.01°C
3. Margin of Error: ±0.1°C (35.0 - 41.0°C), ±0.2°C (41.0 - 42.0°C), repeat-ability:S≤ 0.1℃；
4. Maximum standby time for measurement : less than 5 minutes;
5. The card reader has the function of storing 5 measurements.
6. Normal operating condition: ambient temperature 5°C - 40°C; relative humidity < 85%; atmospheric pressure 70 - 106 kpa.

   Storage and transport conditions.The products shall be transported in packing boxes with sufficient strength , to ensure that they do not move between each other , and dmoisture-proof measurement should be taken.Transportation and storage environment temperature should be in 5 ~40℃, relative humidity is not more than 80%, atmospheric pressure in 70~ 106kPa, no corrosive gas and well ventilated room.

[Precautions]:

1. The temperature measuring label sensor probe electrode of the wireless electronic thermometer should be placed under the armpit and the temperature sensing head is at the top of the armpit , so that the temperature sensing head and the skin are in close contact to avoid dislocation or fall off. The relaxed contact between the temperature sensing head and the skin will cause the measured value, to be unable to reflect the patient's temperature value correctly. If the skin has sweat, it should be wiped.
2. To avoid the possible sensitization reaction due to long-term use of adhesive tapes, the product is advised to be used less than seven days.
3. Before using the temperature measuring label sensor probe electrode, check the package condition and ensure that it’s within the expiration date.
4. The card reader of Wireless electronic thermometer can read multiple temperature measuring label sensor probe electrodes.The temperature measuring label sensor probe electrode is clinical material , and should be used for one person, do not cross use by many people .
5. Low power alert  lights up, please charge the card reader.
6. This product contains a radio frequency transmitter, which belongs to non-ionizing radiation.

   Working frequency :13.56MHz

   Modulation mode :10% or 100%ASK

[Classification]:

According to the electric shock protection type: The product belongs to Class II device with special power supply during charging, and it belongs to internal power supply device under normal use.

In respect of the electric shock protection level: It is the type BF applied part.

In terms of the safety during use in the case of inflammable anesthetizing gas mixed with air or with oxygen or nitrous oxide: The product cannot be used in the case with inflammable anesthetizing gas mixed with air or with oxygen or nitrous oxide.

According to the the operating mode: Continuous operation

According to degassing and sterilization recommended by the manufacturer: See Operation Instructions for details

According to the degree of protection against liquid intake specified in GB 5208: No protection against liquid intake

[Marking description]:

 Note

 The temperature label sensor probe electrode is disposable

 The product belongs to non-ionizing radiation

 The product belongs to the type BF applied part

 The product belongs to Class II device with special power supply.

 Please read the instructions carefully before using this product.

 Low power alert

 （Yellow）hint when it’s in charging

 （Green）Reminder for completion of charging

[Maintenance]:

1. Please charge when the screen of the card reader displays low battery alarm. Do not remove rechargeable lithium-ion batteries of card reader.

2. It is recommended to wipe the host shell of the wireless electronic thermometer with 75% alcohol cotton ball for cleaning every month . It is recommended to disinfect the wireless electronic thermometer by ultraviolet radiation once every six months.

3. The maintenance of Rechargeable lithium battery

Please Keep away from fire or heat source. Do not put the discarded unit or battery into the fire.

Charging should be disconnected as soon as possible after completion of the power supply, so as not to overcharge in case of damage.

Please charge as soon as possible while battery low battery , to avoid frequent battery depletion that affects battery life.

Please avoid forced restart while battery run out , in case of causing irreversible damage to the battery.

The DC power supply or adapter connected to the machine shall comply with the requirements of GB9706.1-2007. DC power supply or adapter of DC 5V1A shall be used for external charging, and the rated voltage of internal power supply shall be DC 3.7V.

4.Non-technical personnel do not disassemble the machine. Please contact the technical personnel in manufacturer's after-sales service center if equipment failure.

[Environmental protection]:

1. The temperature label sensor probe electrode of the product is disposable. It may be unable to be measured normally at the end of their service life. Disposal of electronic medical products optionally may cause environmental pollution. Therefore, it is recommended to dispose them according to relevant local laws and regulations.

[Electromagnetic compatibility]:

 Note:

1. The wireless electronic thermometer comply with the electromagnetic compatibility requirements of YY0505 standard.

2. The user shall install and use in the random file according to EMC information provided.

3. Portable and mobile RF communication equipment may affect the performance of wireless electronic thermometer. Please avoid strong electromagnetic interference during working, such as close to the mobile phone ,microwave oven and so on .

4. See attachment for the guidelines and manufacturer's statements .

⚠ Warning

1. Wireless electronic thermometers should not be used in close proximity or in a stack with other devices. If they must be used in close proximity or in a stack, they should be observed to verify their normal operation in the configuration they are used in.

2. In addition to cables sold by manufacturers of wireless electronic thermometers as spare parts for internal components, the use of accessories and cables excluding usage rules may result in increased emission or reduced immunity of wireless electronic thermometers.

3. Wireless electronic thermometer may be interfered by other devices even if other devices meet the emission requirements of corresponding national standards.

[Storage Conditions]: The product is recommended to be stored in cool, dry and ventilated environment without corrosive gas and far away from fire and non-flammable.

[Transport Conditions]: The product should be protected from heavy load, direct sunlight, and being immersed into rain and snow during transportation. The product should be transported in accordance with the order contract.

[Manufacturing Date]: See the sealing part on the internal package bag

[Service Life]: Three years

[Production License No.]: Food and drug supervision in Jiangxi province equipment production license no. 20200417

[Registration Certificate No. of the product]: Jiangxi province machinery registration and approval No. 20202070384

[Technical Requirement No. of the product]: Jiangxi province machinery registration and approval No. 20202070384

[Manufacturer and After-sales Service Unit]:

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[Preparation date of instructions]: December10, 2020

[Attachment]:

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.