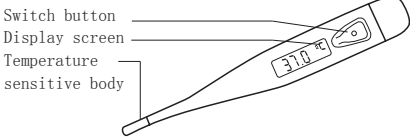


240mm

Digital electronic thermometer

Instructions

Appearance function



Technical parameters

Name: medical electronic thermometer  
Temperature range: 32~42℃  
Measurement accuracy: ±0.1℃  
Appearance dimension: about130mm\*19mm\*8mm  
Weight: About11g  
Measurement time: **about 1 minute**  
Display mode: **LCD**  
Measurement unit: **Celsius (℃) Fahrenheit (°F) long press start button to switch**

How to use the thermometer

- Before using the thermometer, the head of the thermometer should be sterilized with alcohol.
- Press the switch and the LCD screen will display 188.8, which means that all parts of the thermometer are normal and the power is sufficient. (as shown in figure a).
- The display lo ℃ (℃ flickering) indicates that the temperature measurement is ready.
- Put the thermometer in the **mouth, rectal and armpit** for measurement. When the screen ℃ sign stops flashing and the buzzer is heard, it means that the temperature measurement has been completed.
- Press the switch button lightly to turn off the power. **If the power is not cut off, the operating system will cut off the power automatically after 10 minutes**

188.8℃

Figure a

Measuring position

(when measuring body temperature, please keep at the same place for a certain period of time.)

- Oral measurement method:** please don't drink hot or cold drinks before measurement. **Keep your mouth closed for about 3 minutes.** Turn on the thermometer. When you hear the “beep” indication, place the thermometer's temperature sensing head at the root of the lower inner side of the tongue. After close contact with the tongue, close your mouth. The measurement time is about **60 ~ 80 seconds.**
- Rectal measurement method:** Turn on the thermometer. When you hear a “beep”, insert the thermometer head into the anus about 1/2 inch (1.3cm). **The measurement time is about 30 ~ 40 seconds.**
- Underarm measurement method:** Before the measurement, the thermometer is turned on. When you hear the “drop” instruction, quickly press the thermometer head to the armpit from bottom to top. When you hear a “beep beep beep” sound, the measurement is complete **Within about 1 minutes.**



Precautions

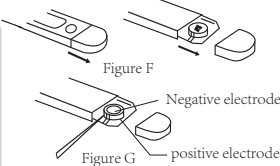
- \*Do not beat or bend the thermometer. The thermometer should be sterilized with medical alcohol instead of high temperature.
- \*Do not allow the thermometer to come into contact with chemical solvents or diluents, or direct sunlight.
- \*Do not remove the thermometer except to replace the battery.
- \*Safety inspection: press the switch, the thermometer will beep, and the display as shown in figure A indicates normal, otherwise it is abnormal.
- \*Maintenance: after each use, please wipe the thermometer and put it into the transparent shell for next use.
- \*Do not put the thermometer in a strong electromagnetic environment.

Battery replacement

- When the “**Err**” in the lower right corner of the thermometer display is flashing all the time, or the “**Err**” is displayed on the screen, the battery of the thermometer needs to be replaced.
- Pull out the battery cover as shown in Figure F, and use tweezers to remove the battery as shown in Figure G.
- Replace the LR / sr-41 or ucc392 type 1.5V button new battery, and install the battery cover after the positive pole is properly placed downward.

Note: please pay attention to the **electrode of the battery** when installing the battery: according to the “+” pole direction of the G figure, it is consistent with the direction of the display screen.

Remember: **swallowing batteries can be life-threatening! Do not put the battery into the fire, otherwise it will cause explosion. Please keep the battery out of children's reach. If you swallow the battery, you should go to the doctor immediately.**



Warranty card

- Under normal operation in accordance with the operating instructions, if there is any fault, it shall be replaced within seven days from the date of purchase, with one-year warranty.
- If the fault or damage is caused by the user's fault and failure to use in accordance with the operation manual, it is not covered by the warranty. The company will charge for parts at its discretion, but not for maintenance.
- Batteries are consumables and are not covered by warranty.
- Please send the defective goods to the nearest purchasing point or our company. The repaired products beyond the warranty period shall be guaranteed for another 3 months from the date of completion of the repair.
- This guarantee shall be valid only when it is stamped by the distributor and the purchase date is filled in.

Sales unit			
Model		Lot	
Date of purchase			
Purchaser's name		Telephone	
Address			

If the products you buy meet the warranty conditions, please bring your warranty card or valid purchase invoice to the purchase place to enjoy the service.

Date of establishment:2020.03.05  
Manufacturer: Dongguan Ageless Health Industrial Co., Ltd  
Address: Unit A1, Dongshen Sima Industrial Area, No.33 Shenbei Road, Sima Village, Changping Town, Dongguan City, Guangdong Province, China

Certificate



Product Name: Medical electronic thermometer  
Manufacturer: Dongguan Ageless Health Industrial Co., Ltd  
Address: Unit A1, Dongshen Sima Industrial Area, No.33 Shenbei Road, Sima Village, Changping Town, Dongguan City, Guangdong Province, China

Relevant requirements for standard packaging identification

Title: Medical electronic thermometer  
Content: as follows  
Product name: Medical electronic thermometer  
Model, Specification: BT-302  
Name of manufacturer: Dongguan Ageless Health Industry Co., Ltd.  
Tel: 0769-81158038  
Production address: Unit A1, Dongshen Sima Industrial Area, No.33 Shenbei Road, Sima Village, Changping Town, Dongguan City, Guangdong Province, China  
Registered address: Unit A1, Dongshen Sima Industrial Area, No.33 Shenbei Road, Sima Village, Changping Town, Dongguan City, Guangdong Province, China  
Input power of power connection conditions (according to the actual situation of the product):  
Validity period (applicable to products with limited service life): 3 years  
Production date or batch (No.): see color box for details

240mm

According to the drawings, symbols and other relevant contents that should be marked on the product

A Comparison of figures and symbols



Note: circuit diagram and relevant drawings can be provided if necessary

B Date of manufacture:

Electromagnetic compatibility

- Note:
  - BT-30 series medical electronic thermometer meets the electromagnetic compatibility requirements of yy0505 standard.
  - the user shall install and use according to the electromagnetic compatibility information provided in the accompanying documents.
  - portable and mobile RF communication equipment may affect the performance of BT-30 series medical electronic thermometer, and avoid strong electromagnetic interference when using, such as near mobile phones, microwave ovens, etc;
  - the guidance and manufacturer's statement are detailed in the appendix.

- Caution: BT-30 series medical electronic thermometer shall not be used close to or stacked with other equipment. If it must be used close to or stacked, it shall be observed and verified that it can operate normally in its used configuration.

Annex

Guidance and manufacturer's declaration - Electromagnetic Emission		
BT-30 series medical electronic thermometer is expected to be used in the following specified electromagnetic environment, and the buyer or user of BT-30 series medical electronic thermometer shall guarantee its use in this electromagnetic environment:		
Launching test	Conformance	Electromagnetic environment - Guidelines
GB4824 RF launch	1 groups	BT-30 series medical electronic thermometer only uses RF energy for its internal function. As a result, its RF emission is very low and may not cause any interference to nearby electronic equipment.
GB4824 RF launch	B class	BT-30 series medical electronic thermometer is suitable for use at home .And residential public low-voltage power supply network facilities for home use.
Gbl7625.1 Harmonic emission	Not applicable	
GB17625.2 Voltage toggle / flicker emission	Not applicable	

Guidance and manufacturer's declaration - Electromagnetic Immunity

BT-30 series medical electronic thermometer is expected to be used in the following specified electromagnetic environment, and the buyer or user of BT-30 series medical electronic thermometer shall guarantee its use in this electromagnetic environment:			
Anti-interference measurement	GB9706 Test level	Coincidence level	Electromagnetic environment - Guidelines
electrostatic discharge (ESD) <b>GB/T 17626.2</b>	±6 kV Contact discharge	±6 kV Contact discharge	The floor shall be wood, concrete or tile, and if the floor is covered with synthetic material, the corresponding humidity shall be at least 30%.
	±8 kV Air discharge	±8 kV Air discharge	
Electrical fast transient pulse group <b>GB/T 17626.4</b>	±2kV Power line ±1kV For input / output lines	Not applicable	The network power supply should have the quality of typical commercial or hospital environment.
surge <b>GB/T 17626.5</b>	±1 kV Differential mode voltage ±2 kV Common mode voltage	Not applicable	The network power supply should have the quality of typical commercial or hospital environment.
Voltage sag on power input line, Short time interruption and voltage change <b>GB/T 17626.11</b>	<5 % $U_n$ For 0.5 weeks (In case of $U_n$ > 95% sag) 40 % $U_n$ For 5 weeks (In case of $U_n$ > 60% sag) 70 % $U_n$ For 25 weeks (In case of $U_n$ > 30% sag) <5 % $U_n$ For 5s (In case of $U_n$ > 95% sag)	Not applicable	The network power supply should have the quality of typical commercial or hospital environment. If users of BT-30 series medical electronic thermometer need to operate continuously during power interruption, it is recommended that BT-30 series medical electronic thermometer use uninterruptible power supply or battery power supply.
Power frequency magnetic field (50/60Hz) <b>GB/T 17626.8</b>	3A/m	3A/m	The power frequency magnetic field should have the power frequency magnetic field level characteristic in the typical commercial or hospital environment.
Note: $U_n$ refers to the AC network voltage before applying the test voltage			

Guidance and manufacturer's declaration - Electromagnetic Immunity

BT-30 series medical electronic thermometer is expected to be used in the following specified electromagnetic environment, and the buyer or user of BT-30 series medical electronic thermometer shall guarantee its use in this electromagnetic environment:			
Anti-interference measurement	GB9706 Test level	Coincidence level	Electromagnetic environment - Guidelines
RF conduction GB/T 17625.6	3 Vrms 150 kHz to 80 MHz	Not applicable	<p>Portable and mobile RF communication equipment shall not be used closer to any part of BT-30 series medical electronic thermometer than the recommended isolation distance, including cables. The distance shall be calculated by a formula corresponding to the frequency of the transmitter.</p> <p>Recommended separation distance</p> $d = 1.2\sqrt{P}$ <p>80 MHz to 800 MHz</p> $d = 1.2\sqrt{P}$ <p>800 MHz to 2.5 GHz</p> $d = 2.3\sqrt{P}$ <p>Where <math>P</math> is the maximum output power rating of the transmitter provided by the transmitter manufacturer in watts (W). <math>d</math> is the recommended isolation distance in meters (m).</p> <p>The field strength of the fixed RF transmitter is determined by the electromagnetic field survey, and the level is low in each frequency range.</p> <p>Interference may occur near equipment marked with the following symbols.</p> <div style="text-align: center;"></div>
RF radiate GB/T 17626.3	3 V/m 80 MHz to 25 GHz	3 V/m	
Note 1: the formula of higher frequency band is adopted for 80MHz and 800MHz frequencies. Note 2: these guidelines may not be suitable for all situations. Electromagnetic propagation is affected by absorption and reflection of buildings, objects and human body.			
a Strong fixed transmitter, such as base station of wireless (cellular / cordless) telephone and ground mobile radio, amateur radio In theory, the field strength of AM (amplitude modulation) and FM (frequency modulation) radio and television broadcasting cannot be predicted accurately. In order to evaluate the electromagnetic environment of fixed RF transmitter, the investigation of electromagnetic field should be considered. If the field strength of BT-30 series medical electronic thermometer is higher than the RF compliance level of the above application, observe BT-30 series medical electronic thermometer to verify its normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or positioning the BT-30 series medical electronic thermometer.			
b In the whole frequency range of 150KHz and 80MHz frequencies, the field strength should be less than 3 V/m.			

Recommended isolation distance between portable and mobile RF communication equipment and BT-30 series medical electronic thermometer			
BT-30 series medical electronic thermometer is expected to be used in electromagnetic environment with controlled radiation RF disturbance. According to the maximum output power of communication equipment, the buyer or user of BT-30 series medical electronic thermometer can prevent electromagnetic interference by maintaining the minimum distance between portable and mobile RF communication equipment (transmitter) and BT-30 series medical electronic thermometer recommended below.			
Rated maximum output power of transmitter /W	Isolation distance corresponding to different frequencies of transmitter/m		
	150 kHz ~ 80 MHz $d = 1.2\sqrt{P}$	80 MHz ~ 800 MHz $d = 1.2\sqrt{P}$	800 MHz ~ 2.5 GHz $d = 2.3\sqrt{P}$
0.01	/	0.12	0.23
0.1	/	0.38	0.73
1	/	1.2	2.3
10	/	3.8	7.3
100	/	12	23
For the rated maximum output power of transmitter not listed in the above table, the recommended isolation distance $d$ , in meters, can be determined by the formula in the corresponding transmitter frequency column, where $P$ is the maximum output rated power of transmitter provided by the transmitter manufacturer, in watts (W) Note 1: the formula of higher frequency band is adopted for 80MHz and 800MHz frequencies. Note 2: these guidelines may not be suitable for all situations. Electromagnetic propagation is affected by absorption and reflection of buildings, objects and human body.			