

User's Manual

Electronic Thermometer

Version number of this manual: V1.1

Precautions for use

- Any form of modification to this device is forbidden;
- Don't use the device together with MRI or CT equipment;
- Don't squeeze the device. If the housing is broken, please stop using the device;
- Please check device regularly to make sure that it makes contact with skin tightly; otherwise the data may be inaccurate;
- The device is for indoor use only;
- Please pay attention to the operation temperature and humidity. Using the device in a condition that does not satisfy the requirement may lead to measurement error;
- The effective wireless transmission distance is 3m~5m. The thermometer may not work if attempting to use at greater distances. See instructions for Remote Use with secondary device. Please use this product within an effective wireless transmission distance;
- To avoid the disruption from an incoming call or text message during the measurement, we recommend to switch your IOS device (if with 3G card) to flight mode and turn on Bluetooth.
- When the thermometer doesn't connect to the mobile application, the indicator light will flash twice periodically. And when the thermometer syncs with the mobile application, the indicator light will flash once periodically;
- Muscle and fat affect wireless transmission, so the transmission range may be weakened when an obese adult or child uses the device;
- Magnetic and electrical fields are capable of interfering with the proper performance of the thermometer. For this reason make sure that all external equipment operated in the vicinity of the thermometer complies with the relevant EMC requirement. Mobile phone, X-ray equipment or MRI devices are a possible source of interference as they may emit higher levels of electromagnetic radiation;
- The device is not sterile;
- This product has been calibrated. No other routine maintenance and calibration is needed.
- Always check for and install any software upgrades as soon as possible
- Doctors should make clinical diagnosis based on clinical manifestation and symptoms, only using this device as an indicative aid;
- It is very unlikely that the application is incompatible with other applications on your receiver. Please contact us if you encounter any installation issues;
- If you have questions concerning setting up, using, maintaining of the device or any unexpected events, please contact our customer service team;
- We recommend the use of the original manufacturer's hypoallergenic adhesive tape. If you feel unwell (uncomfortable or allergic) when using the adhesive tape, please replace with other adhesive tape as recommended by your doctor;
- When using Medescan Smartscan Thermometer for extended period of time, please check for any skin allergy at site. If there is an allergy, you should immediately stop using it and change the location;
- Please do not re-paste the adhesive tape if it folds, a new adhesive tape is required;
- Skin preparation is required in advance when worn by an adult. Please make sure that skin is clean and dry;
- Please clean the surface of the device with 75% concentrated medical alcohol before and after using it. You should clean the skin contacted by the device with medicinal alcohol after taking off the device. The material that contacts skin is nontoxic, nonirritating and will not cause allergy or any other side effect;
- Do not allow children to play with the device as it may damage the temperature measuring probe and affect the measure accuracy;
- The thermometer starts up and shuts down automatically when you remove or replace the thermometer from the storage case,

Intended Use

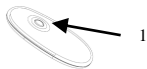
The device is intended to be used for measuring and monitoring human temperature continuously. It can store and manage the temperature data. It can be used to measure the body temperature from axillary temperature (armpit) and is suitable from birth.

Appearance

Front View:



Rear View:



1. Armpit temperature measuring probe

Download and install the software

1、Software download methods:

➢ Users who use the IOS system device can log in Apple's App Store, enter "Medescan" and search for the "Smartscan" software in the search results. Or scan the QR code of IOS on the box to download.

➢ Users who use the Android system device can go to Google play, enter "Medescan" and search for the "Smartscan" software in the search results. Or scan the QR code of Android on the storage box to download.

2、Download the software of "Smartscan" , click installation button for free installation.

3、You will need to register your email at initial mobile application install.

4、For more information contact Medescan customer service team on 1300 736 330.

Operation Instructions

- 1) Turn on mobile device and open Bluetooth;
- 2) Take out the thermometer from storage case. It will start up automatically. The indicator light will flash rapidly;
- 3) Start the software. The device will connect automatically. When it connects successfully, it will display the message "Device connected".
- 4) To attach the thermometer simply:

Step 1:



Open the storage case and take out the thermometer. When the thermometer connects to mobile application successfully, the Bluetooth indicator light will flash.

Step 2:



Stick the adhesive tape on the opposite side of silver sensor

Step 3:



Stick the thermometer onto armpit area.

Step 4:



The temperature reading will be transmitted to Smartscan application on the mobile device immediately via wireless signal transmission.

Step 5: Remote Use with secondary device



You can also log into your "Smartscan" app, on a second device. Log in using the Remote Login option. Use the same email and password you just registered. In approx 2-3 minutes your second device will sync up and start monitoring in real time. This will allow for increased distance range when monitoring.

➢ Please note it takes at least for 5~8 minutes to get an exact temperature.

➢ After you finish taking the temperature, place the thermometer back into its storage case to avoid consuming battery power. The thermometer is always in start-up mode outside of the case.

FCC STATEMENT:

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;
- (2) This device must accept any interference received, including interference that may cause undesired operation.

The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the warranty.

- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

Maintenance and Cleaning

1. Clean the surface of the device with 75% concentrated medical alcohol before and after use;
2. Please stop using the device when the low battery indication appears, otherwise it will not work correctly;
3. The product lifetime is 3-4 years. The treatment of the device and battery at the end of their life should be compliant with local laws and regulations;
4. The probe should be cleaned and disinfected, but never sterilized.

- Do not sterilize or autoclave the device;
- If you notice any deterioration or damage to probe, stop from using the device immediately;
- Other use of cleaning agents and disinfectants beside alcohol may damage the device and shorten product lifetime or cause safety hazards.

Product Specifications

Product model	WT1
Size	51mmx31.8mmx8.5mm
Weight	9.6g
Measure specifications	
Measure scope	25.00°C~45.00°C(77.00°F~113.00°F)
Measure accuracy	±0.05°C (35.00°C~38.50°C) \ ±0.09°F (95.00°F~101.30°F) ±0.1°C (25.00°C~34.99°C and 38.51°C~45.00°C) \ ±0.18°F(77.00°F~94.99°F)and (101.31°F~113.00°F)
Temperature unit	°C or °F
Update time	Every 3s
Bluetooth indicator light	Not connected: flash twice continuously. Connected: flash once.
App software platform	
IOS system	iPhone 4s, iPhone5, iPhone5s, iPhone6(s)/6P(s), iPad3+, iPad mini
Android system (4.3+)	Mobile phone, Palmtop
Battery	
Type	CR2032, 3V/225mAH button battery
Work time	≥365 days (8 hours per day)
Environment specifications	
Temperature	Operating: 5°C~+40°C; Transportation and storage: -20°C~+55°C.
Humidity	Operating: 25%~95% (non condensing) ; Transportation and storage: 25%~95% (non condensing).

Possible Problems and Solutions

Symptom	Possible Reason	Solution
No warning voice	System voice is closed	Set the system voice properly
Cannot turn on device	1. The battery power might be at shortage or no electricity; 2. The device itself might be damaged.	1. Restart the device; 2. Contact customer service.
Temperature data cannot be displayed properly	1.Low battery of device	1. Restart the device ; 2. Contact customer service

Symptom	Possible Reason	Solution
Cannot make connection between device and receiver	1. Bluetooth does not be open on receiver; 2. The version of Android in the receiver device isn't 4.3 or 4.3+. 3. The version of Bluetooth is not 4.0; 4. Out of connection range; 5. Wrong wearing position.	1. Open Bluetooth; 2. Upgrade the Android system to version 4.3 or 4.3+. 3. Use the receiver device with Bluetooth 4.0; 4. Close to receiver; 5. Adjust the position of receiver.

Symbols Definitions

Symbol	Symbol Note
	Type CF applied part, without defibrillation protected.
	Refer to this user's manual.
	Symbol for the marking of electrical and electronics devices according to Directive 2002/96/EC
LOT	Batch code
SN	Serial number
IP27	Enclosure degree of ingress protection.

Guidance and manufacture's declaration of EMC

Guidance and manufacture's declaration – electromagnetic emission		
The device is intended for use in the electromagnetic environment specified below. The customer of the user of the device should assure that it is used in such an environment.		
Emission test	Compliance	Electromagnetic environment – guidance
RF emissions CISPR 11	Group 1	The device use RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emission CISPR 11	Class B	The device is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Not applicable (Battery operated device)	
Voltage fluctuations/flicker emissions IEC 61000-3-3	Not applicable (Battery operated device)	

Packing List

Number	Items	WT1
1	Adhesive tape	Ten
2	User manual	One
3	Smart case	One
4	Lanyard	One

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