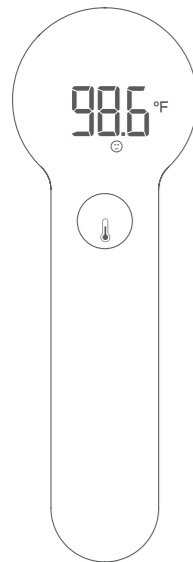


Thermometer User Manual

FDIR-V9



Please read the guide carefully before use and keep it well.
For American please refer to "°F",
for European please refer to "°C".

1	Product introduction	3
2	Product component	3
3	Product specification	3
4	Intended use and application	4
5	Contra-indications	4
6	Attention	4
7	Installation and instruction	5
8	Knowledge of body temperature	7
9	Final disposal	8
10	Calibration	8
11	Trouble-shooting	8
12	Cleaning instructions and product maintenance	9
13	Accessories	9
14	Electromagnetic compatibility information	10
15	Electromagnetic compatibility	11
16	Warranty	14

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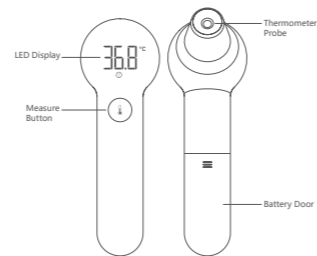
CONTENT

1. Product introduction

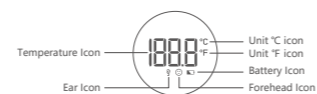
Thanks so much for choosing our product. This high-tech infrared thermometer is used to measure human body temperature by absorbing infrared energy from forehead of human. It can help you learn about the health of you and your family quickly at any time and anywhere.
Product name: Famidoc Infrared thermometer
Product model: FDIR-V9

2. Product component

The thermometer mainly consists of plastic shell, infrared temperature sensor, PCBA, buzzer chip, LED display and battery. Product front and back view shows below:



LED display description



3. Product specification

Model:	FDIR-V9
Power supply	DC 3V, 2*1.5V AAA batteries
Measuring range	32.0 °C - 42.9 °C (89.6 °F - 109.2 °F)
Measuring accuracy	35.0 °C - 42.0 °C ± 0.2 °C (95.0 °F - 107.6 °F ± 0.4 °F) outside this range: ± 0.3 °C (± 0.5 °F)
Display resolution	0.1 °C / 0.1 °F
Clinical repeatability	Within ± 0.3 °C / 0.5 °F
Measuring position	Ear canal or forehead
Reference position	oral cavity

4. Intended use and application

Indication for use

This product adopts infrared temperature measurement method to measure the temperature of forehead or ear canal.

Applicable population

Infants(except newborns), children and adults.

Intended user (operator)

The user who receive at least 8 years of education so that can read and understand the user manual. (Including patients) . We recommend adults to operate the thermometer instead of babies and children.

Applicable environment

Hospitals, clinics and home use.

5. Contra-indications

Inflammation, trauma, or postoperative lesions occurred at the measurement site.

6. Attention

6.1. related to measurement

- The measurement results are for reference only. Please do not make self-diagnosis and treatment according to the measurement results. If necessary, please go to hospital to take a medical treatment.
- There is no absolute standard temperature of human body. In order to make a correct judgment for fever, it is important to know your normal body temperature, which is helpful to judge whether you have a fever or not.
- Before measuring the forehead temperature, please make sure there is no sweat, cosmetics, oil stain, etc.
- Before measuring the ear temperature, please make sure

Operation condition temperature	Temperature: 50.0 °F - 104.0 °F (10.0 °C - 40.0 °C) Relative humidity: 15% - 95% Atmospheric pressure: 70 kPa - 106 kPa
Transport/Storage condition temperature	Temperature: -13.0 °F - 131.0 °F (-25.0 °C - 55.0 °C) Relative humidity: 15% - 95%, non-condensing Atmospheric pressure: 70 kPa - 106 kPa
Battery life	2year/1000 measurements
Product size	151mm*48mm*42mm
Product weight	93g
Software version:	V1.3
Grade of waterproof	IP22
Electric shock	Internally powered ME equipment
Applied part	Type BF applied part,including the whole unit
Shelf life	five years

there is not too much wax in the ear canal

- Before measuring, please make sure that the person does not have shower, exercise or eat in past 30 minutes. When human body is in a stable status, the body temperature measured is more referential.
- Please do not measure the temperature near inflammation or scar, which will affect the temperature measurement results.
- Please do not measure the body temperature immediately after taking the medicine. The temperature measured at this time is not referential.
- Please do not measure in the environment where the temperature changes rapidly, such as the air outlet of air conditioner or heater, which will affect the temperature measurement results.
- When measuring repeatedly, the measurement results may have small deviation, which is a normal phenomenon. It is recommended to measure repeatedly for up to three times at a time.
- Please do not measure in strong electromagnetic interference environment (near working microwave oven, induction cooker, or near a active mobile phone call, etc.), which may lead to measuring improperly or inaccurate measurement results.
- This product is for personal use. In order to avoid cross infection, please pay attention to the cleaning and disinfection of the product.

6.2. related to product

- This product belongs to precision equipment. Please put it in the packaging box after use to avoid liquid splashing into the device and probe and prevent small foreign matter (such as dust) from falling into the probe, which may affect measurement results.
- Avoid falling on the ground or impacted by external force. Please do not disassemble and assemble by yourself.
- Avoid touching the probe directly with your finger or blowing it with your mouth. When the infrared probe is damaged or dirty, the measurement results may be inaccurate.
- Please put this product out of reach of the child to prevent the child from swallowing the battery or small parts of the thermometer.
- Do not put the thermometer and battery into the fire to prevent explosion.
- Please take out the batteries if the thermometer will not be used for more than 3 months.
- Self-diagnosis and treatment according to the measurement results are dangerous. Please consult a professional doctor for treatment based on the measurement results

7. Installation and instruction

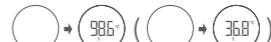
7.1. Installation of product

Put two batteries in the packaging box into the battery house on the back of the device. At the point the product will start self-inspection, and then will be ready to start measurement. (if the battery power is low when starting up, please replace the battery to ensure adequate power supply)

7.2. Measurement process

7.2.1. Ear temperature measurement
A. Remove the thermometer cap.

B. Put the thermometer probe gently into your ear canal and make sure you feel comfortable.
C. When the probe enters into the ear canal, press the "measure button" lightly. When hearing the beeper sounds, the measurement is completed and you can take out the thermometer and check the measurement result.



7.2.2. Forehead temperature measurement

A. Put the thermometer cap on.

B. Aim the thermometer probe at the center of your forehead and touch the skin slightly.
C. Press the "measure button" lightly. When hearing the beeper sounds, the measurement is completed and you can check the measurement result.



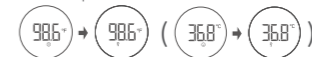
7.2.3. Beeper sound explanation

If infrared thermometer beeps once, it means everything goes well. If the measurement result is 37.5 °C or above, the infrared thermometer will beep twice. If the measurement result is 38.6 °C or above, the infrared thermometer will beep four times. Measurement readings will be displayed on screen.

Temperature measuring range	Beeper sound indication
32.0 °C (89.6 °F) ≤ T < 37.5 °C (99.5 °F)	The beeper makes a long beep sound
37.5 °C (99.5 °F) ≤ T < 38.6 °C (101.5 °F)	The beeper makes "beep beep" ... "beep beep" sound
38.6 °C (101.5 °F) ≤ T ≤ 42.9 °C (109.2 °F)	The beeper makes "beep beep beep beep" ... "beep beep beep" ... sound.

7.2.4. Switching measurement modes

This device detects the measurement mode automatically. Put on the cap to switch to forehead measurement mode, and take off the cap to switch to ear measurement mode.



7.2.5. Power off

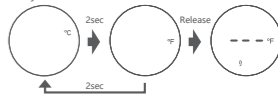
If the device is not in use, it will Power off automatically in 8 seconds.

7.3. Temperature unit selection

A. Under power off mode, Press and hold the Measure Button for 8 seconds. The measurement system (°C or °F) automatically appears on the display.



B. Keep hold the measure button, the unit °C and °F will be switched automatically. Release the button when the selected unit appeared, the device be auto into measure ready status. The unit selected is active



7.4. Battery installation and replacement

The thermometer will detect the power automatically after boot-up. If the power is low but still sufficient enough for usage, the low power symbol will appear on the screen along with the measurement result. However, when the battery is running too low, the low power symbol will be flashing on the screen, and after 8 seconds, it will automatically shutdown. You must replace new batteries to continue usage.

7.5. Battery replacement

- Press the battery door and slide it down to open the battery door.
- Take out the old batteries and replace them with new ones.
- Insert the new batteries and keep it fixed. Pay attention and follow the polarity symbols to avoid installing reversely.
- Replace back the battery door to finish

- Please follow the related national laws of disposing the abandoned batteries
- Please do not throw the batteries directly to the garbage can
- Please take out the batteries if the device is not used for long periods of time.
- Please do not put the batteries in the fire

8. Knowledge of body temperature

The temperature of human body belongs in a range and the range may vary among people. Temperature of individuals may also vary from time to time. The following table indicates the temperature range of the majority of people for your reference:

