

Product Specification

Model: A66



Jiangxi AICARE Medical Technology Co., Ltd.

V. Notes before Use

Power On Self Test
Aim at the target to be tested, press the measuring switch, and LCD will display all the numbers and characters of the self-test and a self-test screen will appear, as shown in Figure 1 below. This picture will be displayed for about 1 second.



Figure 1

After the self-test is completed, a sound of dripping will be heard, indicating that the power-on self-test has been completed, and the temperature value of the tested target will be displayed on the LCD.

VI. Product Structure

The product is mainly composed of an infrared sensor, an LCD display screen, a button, a shell, a handle, a battery and a circuit board.

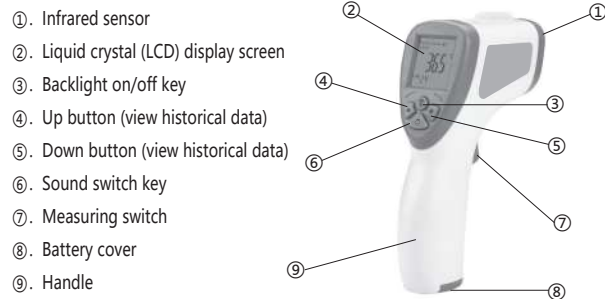


Table of Contents

1. Description.....	1
2. Safety Manual for Use.....	1
3. Characteristics.....	2
4. Other Instructions for Use.....	2
5. Notes before Use.....	3
6. Product Structure.....	3
7. Description of LCD Display Screen.....	4
8. Scope of Application and Contraindications of Products.....	4
9. Technical Indicators.....	5
10. Operating Instructions for Use.....	6
11. Reference Value of Body Temperature.....	7
12. Advice.....	8
13. Care and Maintenance.....	8
14. Instructions for Waste Disposal.....	9
15. Symbol Description.....	10
16. List of Product Accessories.....	10

VII. Description of LCD Display Screen

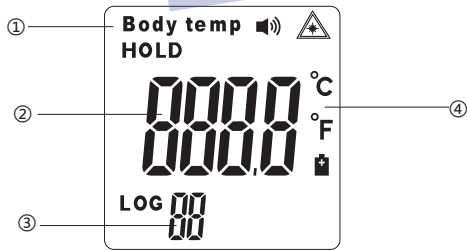


Figure 2

- ①. Body temperature mode (BODY)
- ②. Digital reading
- ③. Storage position
- ④. Temperature °C/F

VIII. Scope of Application and Contraindications of Products

- 1. Scope of application of products
The body temperature of the tested object is displayed by measuring the thermal radiation on the forehead.
- 2. Contraindications of products
 - 1) Birth defects, congenital malformation, septic shock, circulatory failure and other diseases that may affect forehead temperature measurement seriously.
 - 2) Suffering from mental disorders.
 - 3) Suffering from serious heart, liver and kidney diseases.

I. Description

This product is a non-contact infrared thermometer that specializes in measuring the temperature of human forehead, and the measured temperature will be different according to the difference of human skin. The different measured parts of human can result in different temperatures, this is because that the exposed parts of the human are greatly affected by the environment temperature.

II. Safety Manual for Use

- Please read this manual carefully before using the infrared thermometer.
- The environment temperature when using this product is 16°C ~ 35°C.
- Please do not place this product in an environment higher than 50°C or lower than 0°C.
- Please do not place this product near charged objects to avoid electric shock.
- Please do not use this product in an environment with relative humidity greater than 85%.
- Please do not place this product too close to the electromagnetic range. (such as radio, mobile phone, etc.).
- Please do not expose this product in the sun, or close to the stove, and not contact with water.
- Please do not strike or drop this product, and do not use the product if it is damaged.
- Sweat on forehead, hair, hat or scarf will affect the measuring accuracy.
- Please confirm that the measuring distance is in the range of 5-10cm.
- When forehead sweat or other reasons cause forehead temperature not to reflect the human temperature normally, please measure the human temperature from behind earlobe.
- When cleaning is required, wipe the instrument surface gently with alcohol.
- If the product has any problem, please contact with the distributor rather than repairing the product. It is forbidden to measure the body temperature when the environment temperature changes greatly.

IX. Technical Indicators

1. Basic parameters

Display the accurate digits	0.1°C (0.1°F)
Storage temperature	-20-55°C
Operating environment temperature	16°C ~ 35°C
Relative humidity	≤85%
Power	DC 3V(2 AAA battery)
Specification	160*100*40mm
Weight	100g
Production date	See the product certification for details.

2. Measuring range

Model temperature measuring range in human body	32.0-42.9°C
Range of measuring distance	5-10cm
Automatic shutdown	About 20s

3. Measuring accuracy

32.0°C ~ 34.9°C	±0.3°C
35.0°C ~ 42.0°C	±0.2°C
42.1°C ~ 42.9°C	±0.3°C

4. Service life

The service life of the product is 40,000 times, and the product is valid for 5 years.

5. Software release version

III. Characteristics

- 1)Non-contact and high-precision body temperature measurement;
- 2)It can select °C or °F;
Setting method: press the " "key for 8 seconds to switch in the startup state.
- 3)Alarm value can be set (the default value of this product is 38°C)
Setting method: the default is set;
- 4)Beep prompt function (it can set to turn on or turn off the buzzer)
Setting method: press the " "key once to turn on the buzzer in the startup state;
- 5)The LCD display with backlight can be used by users in darkness.
Setting method: press the " "key once to turn on the backlight in the startup state; Press the " "key for 8 seconds to convert to object test in the startup state;
- 6)Automatic range selection: resolution is 0.1°C(0.1°F)
- 7)The latest 32 measured data can be memorized and stored (press the up and down keys to check the latest 32 stored and measured data)
- 8)Automatic data keeping and automatic shutdown

IV. Other Instructions for Use

Infrared thermometer is a thermometer specialized in measuring the human forehead, it is widely used in families, and this product cannot replace doctors' diagnosis.

6. Working, storage and transportation environment requirements

- 1) Working environment:
Environment temperature: 16°C ~ 35°C;
Relative humidity: ≤85%;
Atmospheric pressure: 70 kpa ~ 106 kpa
Power: DC 3V(2 AAA battery)
- 2) Storage and transportation environment:
Environment temperature:-20°C ~ +55°C;
Relative humidity: 10% ~ 85%;
No corrosive gas, well ventilated room.
Transportation requirements must conform to regulations of the order contract, but severe impact, vibration and rain and snow splash during transportation must be prevented.

X. Operating Instructions for Use

1.Battery instructions

- An indicating arrow on the ellipse is arranged at the bottom of the handle; please push the battery cover forwards lightly in the direction of the arrow with your hand here, and install the battery, so that it can be tested and used.
Notes of battery installation and replacement:
1) After the battery cover is opened, the battery are placed at the place where the battery are installed according to the positive and negative directions. Pay attention to the correct direction of the positive and negative electrodes.
- 2) Wait for 10 minutes to warm up after first using or just placing the new battery;
- 3) When the battery capacity is insufficient, the symbol will appear on the display screen, prompting to replace the new battery. Open the battery cover (see product structure ⑧) and pay attention to the positive polarity and negative polarity when replacing the new battery. Incorrect placement may cause damage to the product.
- 4) Please take out the battery when the product is not used for a long time to prolong its service life, and prevent the thermometer from being damaged due to leakage of battery liquid.
- 2. Measuring steps of body temperature
 - 1) Aim the thermometer at the middle of forehead (above the eyebrows) and keep it vertical with a distance of about 5-10cm, and press the measuring switch to display the temperature immediately.

2) When the measuring switch is pressed (see product structure ⑦), the current temperature value is displayed on the current display screen, and the measured data can be automatically stored (press the up and down keys to check the latest 32 stored measured data)

Notes:

1) Before measurement, please make sure there is no hair, sweat, cosmetics or hats, etc.

2) When the forehead sweat or other reasons cause the forehead temperature not to reflect the human temperature normally, please aim at the earlobe to measure the body temperature. At the same time, please ensure that there is no hair, sweat, cosmetics or hat covering.

3) If the thermometer has not been used for a long time, the environment temperature will be detected when it is used again, and the startup time will be extended by 1-2 seconds.

4) Human temperature varies with different times of the day and is also affected by other external conditions, such as age, sex, skin color, etc.

XI. Reference Value of Body Temperature

1. Normal body temperature range at different measuring positions

The human body is a very complex bio-integrated system, the body temperature is an important data for the normal life activities of the human body, usually, we measure the temperature of forehead, cochlea, anus, oral cavity and armpit to detect our health status. The body temperature measured in different parts will be different, and refer to the following table for specific differences:

Measuring part	Normal temperature (°C)	Normal Fahrenheit (°F)
Anus	36.6~38	97.8~100.4
Oral cavity	35.5~37.5	95.9~99.5
Armpit	34.7~37.3	94.4~99.1
Ear	35.8~38	96.4~100.4
Forehead	36~37.2	97.4~98.4

2. Normal body temperature range of different ages

Human temperature varies with different times of the day and is also affected by other external conditions, such as age, sex, skin color, thickness, etc. Please refer to the following table for the normal temperature range of different ages:

Age	Normal temperature (°C)	Normal Fahrenheit (°F)
0~2 years old	36.4~38.0	97.5~100.4
3~10 years old	36.1~37.8	97.0~100.0
11~65 years old	35.9~37.6	96.6~99.7
>65 years old	35.8~37.5	96.4~99.5

Notes:

The body temperature of women is different from that of men. Generally, it is 0.3°C higher than that of men. During ovulation, the body temperature will be 0.3°C- 0.5°C higher than the usual temperature.

XII. Advice

The protective glass outside the LCD frame is very important and also the fragile part of the instrument, so it must be used carefully. Please do not charge the non-rechargeable battery and do not throw the battery into the fire. Please do not expose the product in the sun or touch water.

XIII. Care and Maintenance

1. Product maintenance and cleaning

The probe part is the most precise part of the product and must be carefully protected.

Do not clean the product by using corrosive detergent.

Do not immerse this product in water or other liquids.

Place the product in a dry place to avoid dust, pollution and direct sunlight.

Please clean the infrared thermometer regularly, usually once a month. If necessary, the infrared thermometer can be cleaned properly according to the actual dirty condition. Please clean the infrared thermometer by dry soft cloth. If the instrument is especially dirty, the main body can be wiped with a dried cloth stained with water or neutral detergent, and then it is wiped with dry cloth.

The product will be calibrated automatically without manual calibration

2. Product maintenance

If you encounter the following problems during use, please follow the instructions in the maintenance instructions to find a solution. If the problem still exists, please contact with our customer service.

1)LCD cannot display numerical values.

If the temperature is lower than 32°C or higher than 42.9°C in the human measuring state, the LCD will display "Lo" or "Hi" rather than data.

2)LCD displays information "HI"

When using a non-contact electronic thermometer, the LCD displays the information "HI", and it analyzes and shows that it exceeds the measuring range or the measured temperature is higher than 42.9°C in the human temperature measuring mode.

3)LCD displays information "Lo"

When using a non-contact electronic thermometer, the LCD displays the information "Lo", and it analyzes and shows that it is lower than the measuring range or the measured temperature is lower than 32°C in the human temperature measuring mode.

When the information "Lo" or "Hi" appears, the following situations are for reference:

Display the reason of information "Lo" or "Hi"	Suggestion
The temperature value is affected by hair and sweat	Ensure there are no obstacles when measuring the temperature;
The temperature is affected by airflow change;	Ensure stable air during temperature measurement;
The measuring distance is too far	Please note that the measuring distance is in the range of 5-10cm.
Walking indoors from outdoor low temperature or high temperature;	Please wait for 20 minutes, and measure the body temperature after the tested person adapts to the measuring environment.

XIV. Instructions for Waste Disposal

■Direct disposal of electronic products and batteries in garbage cans will cause harm to the environment. Please dispose them according to the local laws.

■Don't throw the infrared thermometer in the garbage can at the end of use, please dispose it according to the local laws or contact with the manufacturer for recycling.

XV. Symbol Description

Symbol figure	Meaning	Symbol figure	Meaning
	Note: refer to the attached documents		Refer to instructions for use.
	Low voltage prompt		Type B application part
	Do not discard it at random.		

XVI. List of Product Accessories

One infrared thermometer, one manual and one certificate;

Names and Contents of Harmful Substances in Products

Part name	Harmful substance					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr(VI))	Polybrominated biphenyl (PBB)	Polybrominated diphenyl ether (PBDE)
PCB board (including LCD)	X	○	○	○	○	○
Battery	X	○	○	○	○	○
Shell	○	○	○	○	○	○
Packaging materials	○	○	○	○	○	○
This form is prepared according to SJ/T 11364-2014. . O: indicate that the content of the hazardous substance in all homogeneous materials of the par is below the limit specified in GB/T 26572. X: indicate that the content of the harmful substance in at least one homogeneous material of the part exceeds the limit requirement specified in GB/T 26572.						

The "hazardous substances" shown in this form will not cause any harm to human and the environment under normal use of the product.

The "hazardous substances" and their existing parts shown in this form provide information on the existence of relevant substances to consumers and recycling practitioners, which is helpful for proper disposal of products when they are discarded.

One-year Free Warranty Card NO :

Thank you very much for using our products. In order to ensure that you enjoy timely and considerate after-sales service, please fill in this card completely and clearly. Warranty needs to rely on this warranty card, Please fill in carefully and clearly so as to enjoy after-sales service well.

Product model: _____ customer name: _____

Purchasing date: _____

Address: _____

Tel: _____ postcode: _____

Mobile phone: _____ Email: _____

Purchasing place: _____ fuselage number: _____

Certificate

Product name: infrared thermometer

Product model: A66

Registration certificate No.: GXZZ No.20202070071

Manufacturer:

Jiangxi AICARE Medical Technology Co., Ltd.

Inspector:

This product meets the technical requirements after inspection and is qualified.

Infrared Thermometer

Name of registered person/manufacturer:

Jiangxi AICARE Medical Technology Co., Ltd.

Location:

South Side of South Ring Road, Le'an County, Fuzhou City, Jiangxi Province (Building No.1, New Era Home Group, Le' an County)

Contact information: 0794-6577516

Name of after-sales service unit:

Jiangxi AICARE Medical Technology Co., Ltd.

Contact information: 0794-6577516

Address:

South Side of South Ring Road, Le'an County, Fuzhou City, Jiangxi Province (Building No.1, New Era Home Group, Le' an County)

[Production License Number]: GSYJXSCX No.20190286

[Number of Medical Device Registration Certificate/Product Technical Requirements]: GXZZ No.20202070071

[Date of Approval and Modification of Manual]: March 06, 2020