◆ EVERYCOM®

Non-Contact Infrared Thermometer
संपर्क रहित इन्फ्रारेड थर्मामीटर

IR37

User Manual

Note : Please read the user manual thoroughly before using and keep it for future reference

1. Description

Everycom IR37 is a non-contact infrared thermometer that specializes in measuring the temperature of human forehead. The measured temperature will be different according to the difference of human skin. The different measured parts of human might result in different temperatures, this is because the exposed parts of the human are greatly affected by the environmental temperature.

2. Safety Manual for Use

- Please read this manual carefully before using the infrared thermometer.
- The environment temperature should be 16°C ~ 47°C when using this product.
- 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 no 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 3-15cm.
- When cleaning is required, wipe the instrument surface gently with alcohol.
- If the product has any problem, please contact the customer care or the distributor rather than repairing the product.

3. Characteristics

1. Non-contact and high-precision body temperature measurement.

2. Measurement can be done in °C or °F, to set the unit of measurement : press and hold the "**MODE**" key for 4 seconds.

3. Fever alarm with red backlight if body temperature exceeds 38°C .

4. Beep prompt function can be turned on or off , simply press the "**MODE**" key once to turn on or turn off the prompt.

5. The LCD display comes with a backlight which comes very handy while using the thermometer at night or in darker environment. To turn on or turn off the backlight simply press the " ☼ " key once.

6. Surface / Ambient temperature mode , You can easily measure the surface/object/ambient temperature around you, to switch into this mode simply press the " ☼ "key for 5 seconds, repeat the same process again to go back to body temperature mode.

7. Automatic range selection : Resolution is 0.1°C (0.1°F)

8. The latest 99 measured data can be memorized and stored (press the left and right keys to check the latest 99 stored and measured data).

9. All the settings and measurements are automatically stored in the thermometer. Thermometer automatically shutdowns in 10 seconds when not in use.

4. 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.

5. 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.
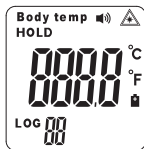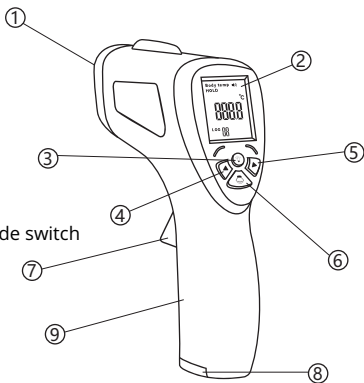

Figure 1

After the self-test is completed, a beep 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.

6. 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.

1. Infrared Sensor

2. Liquid crystal display (LCD) screen

3. Backlight on/off key

4. Left button (View historical data)

5. Right button (View historical data)

6. Sound (Beep) & Body / Object mode switch

7. Measuring switch

8. Battery cover

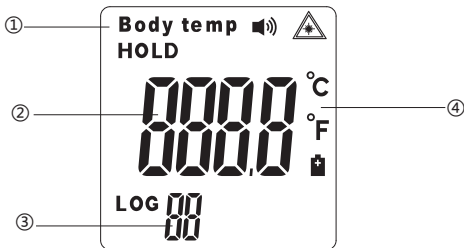9. Handle

7. Description of LCD Display Screen

Figure 2

1. Body Temperature mode (BODY)

2. Digital Reading

3. Storage Position

4. Temperature Unit C/F

8. Scope of Application and Contraindications of Thermometer

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
a) Birth defects, congenital malformation, septic shock, circulatory failure and other diseases that may affect forehead temperature measurement seriously.
b) Suffering from mental disorders.
c) Suffering from serious heart, liver and kidney diseases.

9. Technical Indicators

1. Basic parameters

Display the accurate digits	0.1°C (0.1°F)
Storage temperature	-13°F to 131°F (-25°C to 55°C)
Operating temperature	60.8°F to 116°F (16°C to 47°C)
Relative humidity	Up to 85% non condensing
Power	2 x 1.5v AAA battery
Item dimension	160 x 100 x 40 mm
Weight	102g
Production date	Refer the package / QC certificate

2. Measuring range

Measuring range of body	89.6°F to 109.4°F (32°C to 43°C)
Range of measuring distance	3-15 cm
Automatic shutdown	About 10s (After last measurement)

3. Measuring accuracy
±0.4°F (±0.2°C) for the range of 89.6°F to 109.4°F (32°C to 43°C)

4. Battery Life : Up to 3300 measurements.

5. Product service life : 40,000 measurements / 5 Years.

6. Environment requirement
A. Working environment
Working temperature : 16°C ~ 35°C (recommended) tested up to 50°C
Relative humidity : ≤ 85%
Atmospheric pressure : 70kpa ~ 106kpa
Power : DC 3V (2 AAA batteries)
B. Storage and transportation environment
Environment temperature : -25°C ~ 55°C
Relative humidity : 10% ~ 85%
Avoid contact with corrosive gas, Store in well ventilated room. Transportation requirement must conform to regulations of the order contract, but severe impact, vibration and rain and snow splash during transportation must be prevented.

10. Operating Instructions for Use

1. Battery instructions

Please push the battery cover forwards lightly in the direction of the arrow with your thumbs , and install the battery, so that it can be tested and used.

Notes of battery installation and replacement:

A. Pay attention to the correct direction of the positive and negative electrodes while installing the battery.

B. During first use or after install fresh batteries, kindly wait for 10 minutes before using the thermometer.

C. When battery is running low, the " 🔋 "symbol will appear on the display screen, prompting to replace the new battery. While replacing batteries always pay attention to the positive and negative polarity of the battery, Incorrect placement may cause damage to the product.

D. 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

A. Aim the thermometer at the middle of forehead (above the eyebrows) and keep it vertical with a distance of about 3-15 cm, and press the measuring switch to display the temperature immediately.

B. When the measuring switch is pressed, the current temperature value is displayed on the current display screen, and the measured data is automatically stored (press the left and right keys to check the latest 99 stored measured data) .

Notes:

1. Before measurement, please make sure there is no hair, sweat, cosmetics or hats, etc. in between thermometer and forehead.

2. When the forehead sweaty 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.

11. 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 (℃)	Normal Temperature (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 (℃)	Normal Temperature (F)
0~2 Years	36.6~38	97.8~100.4
3~10 Years	35.5~37.5	95.9~99.5
11-65 Years	34.7~37.3	94.4~99.1
>65 Years	35.8~38	96.4~100.4

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

12. 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 expose the product in the sun or touch water.

13. 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 troubleshooting

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℃ or higher than 42.9℃ in the human measuring state, the LCD will display "Err" or "HI" rather than data.

2. LCD displays information "HI"

When using the 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℃ in the human temperature measuring mode.

3. LCD displays information "Err"

When using a non-contact electronic thermometer, the LCD displays the information "Err", and it analyzes and shows that it is lower than the measuring range or the measured temperature is lower than 32℃ in the human temperature measuring mode. When the information "Err" or "Hi" appears, the following situations are for reference:

Display "Err" or "HI" reason	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 3-15cm.
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.

14. 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.

15. Symbol Description

Symbol figure	Meaning	Symbol figure	Meaning
⚠	Note: Refer to the attached documents	📖 i	Refer to instructions for use.
🔋	Low voltage prompt	🧍	Type B application part
⌧	Do not discard it at random.		

16. List of Product Accessories

1 x IR37 Infrared Thermometer
2 x 1.5V AAA Battery
1 x User Manual
1 x QC Certificate

Customer Support
1800-121-4480
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Thank you for choosing us.