

ForPro[®]
Professional Collection

Non-Contact Electronic Infrared Thermometer



IMPORTANT INSTRUCTIONS — RETAIN FOR FUTURE USE

In order to use the product safely, please be sure to read the instruction before use. Please keep it properly after reading, so as to consult and refer to it at any time. Please read the instructions carefully before use to ensure the product safety. After reading, please keep it in a safe place so that you can refer to it at any time.

Congratulations on your purchase of the **ForPro Non-Contact Electronic Infrared Thermometer**. Please read the instructions and safety tips before use. Your thermometer comes with a one-year limited warranty. If for any reason you need service, please call 800-520-6000.

This product is powered by 3V, please use two AAA alkaline batteries. This product is only used for temperature measurement, not for disease diagnosis. Please follow the doctor's advice.

Application

Body temperature of person is shown by measuring thermal radiation on the forehead.

Features

Product performance measurement error: $\leq \pm 0.4^{\circ}\text{F}$ ($\leq \pm 0.2^{\circ}\text{C}$).

Fast: measuring time less than 1 second.

Easy to use: one-key measurement, easy to operate.

Non-contact: forehead measurement, no contact with human skin, avoid cross infection.

Over temperature tip: set the over temperature tip temperature freely.

Usage: 100,000 keys.

Large screen display: large screen LCD backlight display, clear reading at night.

Storage data: 5 sets of measurement data are stored for easy analysis and comparison.

Settings modification: Settings parameters can be modified.

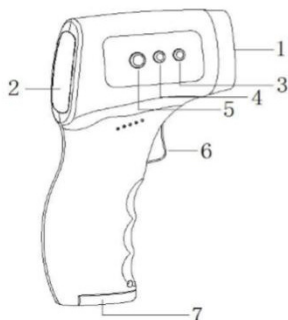
Product Description

this product is composed of infrared temperature sensor, probe cover, display unit, power supply circuit and measuring circuit. The infrared temperature sensing method is used to measure the temperature display.

1. Infrared detector
2. LCD
3. Button down
4. Button up
5. Set button
6. Switch
7. Battery cover

Includes:

- Manual
- Certificate card



Cautions


Notes:

- Follow the maintenance recommendations in this manual.
- This product is suitable for professional or family use.
- Keep this product out of reach of children.
- The ambient temperature of this product must be between 60.8°F and 95°F (16°C and 35°C).
- The product must be kept clean and stored in a dry place.
- Do not place this product where there is an electric shock.
- Do not place the product in extreme temperatures: above 122°F or below 32°F (above 50°C or below 0°C).
- Do not place the product in an environment with humidity higher than 85%.
- The infrared detector in the front of this product is fragile.
- Do not touch the infrared detector with your finger.
- Do not expose infrared detectors to sunlight or immerse them in water. Do not drop the product.
- If any problem is found, please please call 800-520-6000 and do not repair the product by yourself.

Note: measurement errors may occur if parts supplied by non-manufacturers are substituted for the original parts.

- This product is a metering product. It is recommended to check the accuracy of the product at intervals of one year.
- Do not use in an electromagnetic interference environment.
- Dispose of the waste and residue of the product according to local laws and regulations.

Battery Installation/Replacement

1. The product needs two AAA alkaline batteries, which can be used for about 20,000 times. When the battery symbol “” appears on the screen and flashes, it indicates that the battery is insufficient and needs to be replaced.
2. Open the battery cover to replace the battery, and pay attention to whether the positive and negative electrodes of the battery are placed in the correct position.
3. A rechargeable battery does not meet the product requirements, please do not use it.
4. When not used for a long time, it is recommended to take out the battery to avoid battery leakage and damage the product.

Instructions for Use

Correct use is the key to measure accuracy, otherwise it may cause measurement error. As the Infrared temperature measurement has serious demand on the surrounding environment, please follow the following instructions.

In the shutdown state, press the “switch/measure” button to start the machine, and the LCD screen will fully display for 1 second, and “-- °C or --° F” will be displayed to indicate that the machine is in standby state (if there is no button operation within about 30 seconds of standby time, the product will automatically shut down or shut down after pressing the “switch/measure” button for more than 3 seconds).

In standby mode, press “On/Off/measure” key measurement to start, when the LCD screen display temperature or after the end of the prompt sound to complete the measurement, the time is about 1 second.

Tips:

1. The product cannot be moved away from the position of measuring temperature before the measurement is completed.
2. When taking the temperature, the product should be pointed to the center of the front forehead – above the brow center and kept vertical. The measuring area should not be covered by hair. The distance between the product and the forehead is recommended to be about 1 - 2 inches (3 - 5cm). If you can not measure forehead, it is recommended to use the body surface without exposure (such as chest or abdomen)
3. When the measured person comes from a place where there is a big difference with the measured ambient temperature, the measured person should stay in the measured environment for at least 5 minutes, and the measured temperature should be consistent with the ambient temperature, otherwise the measured result will be affected.
4. The measurement result will be on the low side if fever patients' forehead sweats, or they had cold compresses and other cooling measures. This should be avoided.
5. Thermometer should be in the environment for 20 minutes.
6. Do not take temperature near direct air conditioning or air flow.
7. Do not use the product in direct sunlight.
8. It is recommended to measure for about 3 times during measurement, and the interval time for each measurement is 3-5 seconds, whichever group of data is displayed the most shall prevail.

Setting Adjustment:

This product can modify the default setting parameters. The factory setting has been made for different sales markets before leaving the factory. It is recommended that you do not modify the factory default value. If you really need to modify, please follow the following steps.

1. Mode switching

When the screen is lit, press the "set" button to switch the two modes of object surface temperature and human body temperature.

2. Temperature compensation setting

Press "+" and "-" to adjust the temperature compensation settings.

3. High fever alarm temperature setting

Long press the setting key to enter the function setting menu. First, pop out the F1 menu, then press the setting key again, pop out the F2 menu, and then press the "+" and "-" keys to set the alarm temperature. The machine defaults to 38 degrees.

4. Temperature compensation setting

Long press the setting key to enter the function setting menu. First, pop out the F1 menu, press the setting key again, pop out the F2 menu, press the setting key again, pop out the F3 menu, and then press the "+" and "-" keys to switch the temperature unit. You can switch the temperature unit (°C/°F).

5. Memory function

Press the "+" and "-" keys to view the history.

Special Storage

- Products must be kept in a clean and dry place.
- Do not place the product where there is an electric shock.
- Do not store the product in extreme environments where the temperature exceeds 122°F or below 32°F (above 50°C or below 0°C) and the humidity exceeds 85%.








Maintenance

The product does not need regular maintenance when it is in normal use. Please follow the instructions when the following situations are met.

- 1. External dirt:** Clean the dirt with a soft cloth with water, or with a cotton swab with medical alcohol wipe, with medical alcohol wipe can also have a bactericidal disinfection effect. Be careful not to allow too much water or alcohol to enter the product and cause damage.
 - 2. Internal smudge:** Internal infrared detector is an important device. Do not touch or press with your fingers or other objects, or it will affect the accuracy of measurement. If infrared detector is dirty, use cotton swab with 95% alcohol wipe. Note: do not use 75% disinfecting alcohol to wipe infrared detector (traces of water will remain). Do not wipe infrared detectors with other chemicals.
- Do not wash the thermometer in water or volatile solvents containing benzene or abrasive. Do not put thermometer and direct sunlight, high temperature, or humidity.
 - Before use, please check whether the appearance is damaged. With alcohol swabs or soft cloth, gently wipe the lens of the temperature measuring head.
 - Use a soft cloth to gently wipe the dirt on the fuselage after use.
 - This product does not need to be sterilized. Please clean and disinfect the body with 75% alcohol before and after use.
 - This product has been strictly calibrated and tested before delivery.

Troubleshooting

The reason for a "Lo" readout	Advice
Read the temperature when there is hair or sweat	Make sure there is no obstacle to the forehead.
Cool air blows on the forehead	Make sure that there is no cold air directly blows on the forehead.
The forehead has just been cooled	After the cold compress, wait for 10 minutes and then measure the measurement
Distance is too far	The measurement distance is recommended to be 1 - 2 inches (3 - 5cm)

Display Information	Possible Cause
There was no reaction after pressing the measurement button	The battery is out of power, please replace the battery; Or the battery is not inserted into the correct place
	low voltage display, please replace the battery
	EEPROM abnormal, please send to the nearest service provider for maintenance
	the sensor is not welded well, please send to the nearest service provider for maintenance
	the measurement result over 42.2°C (108°F)
	The measured result was below 32°C (89.6°F)
	The ambient temperature is too high
	The ambient temperature is too low

Specifications

1. Shock-proof type: internal power equipment.
2. According to the degree of shock prevention: BF type application part
3. According to the degree of protection against harmful liquid intake: common equipment.
4. According to the safety level of flammable anesthetic gas mixed with air or mixed with oxygen or nitrous oxide: equipment that cannot be used in the presence of flammable anesthetic gas.
5. Operating mode: continuous running mode.
6. The thermometer does not have the application part of protection against defibrillation discharge effect.
7. The thermometer has no signal input and signal outlet.
8. Rated voltage of the equipment: DC 3V.
9. Non-permanent installation of equipment.
10. Electromagnetic compatibility: GB 4824 classification; Group I, Class B equipment.

Technical index

Normal working environment conditions:	60.8 – 95°F (16 – 35 °C) relative humidity: <85%; atmospheric pressure: 70kpa - 106kpa
Power supply voltage:	DC 3V (2 AAA alkaline batteries, not included)
Product size:	5.9" x 3" x 1.7" (149mm x 77mm x 43mm)
Weight (excluding batteries):	6 oz. (172g)
Measurement accuracy/range in body temperature mode:	± 0.4°F in range of 95 - 107.6°F (± 0.2°C in range of 35 - 42°C) ± 0.6°F out of range of 95 - 107.6°F (± 0.3°C out of range of 35 - 42°C)
Power dissipation:	< 450mw
Measuring distance:	1 - 2 inches (3 - 5cm)
Automatic shutdown:	15 seconds

Warranty

1. From the day of purchase, you receive a 1-year free warranty with the purchase invoice.
2. We will not provide free warranty service for the failure caused by the following users.
 - (A) failure caused by unauthorized disassembly or modification of products;
 - (B) failure caused by accidental drop during use and handling;
 - (C) failure due to lack of proper maintenance;
 - (D) failure to operate in accordance with the correct instructions in operating manual;
 - (E) failure caused by improper repair by a repair shop not authorized by us, etc.
3. The repair service beyond the warranty scope will be charged according to the regulations.
4. When you require warranty service, please call 800-520-6000.



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