正面

反面

AFK

INFRARED BODY THERMOMETER

MODEL:YK001

Thank you for choosing the YK001 non-contact infrared thermometer.

To be able to safely use this product, be sure to read the instructions before use.

This product is only for monitoring and self-examination of body temperature and can not be used for disease diagnosis , all treatment please follow the doctor's advice.

Introduction

Measurement range

The temperature of the subject is shown by measuring the thermal radiation of the forehead.

Product performance

Accuracy: measurement deviation ≤ ±0.2°C.
Speed:measurement time 1 second.
Easy to use: One-click measurement, easy to operate.
Non-contact:For forehead measurement, do not touch the human skin, avoid cross-sense.
Fever alarm: Free to set alarm temperature.
Number of use: button 100,000 times.
Large screen display: large screen LCD white backlight display, can read clearly at night.
Storage data: Store 100 measurement data for easy analysis and comparison.
Setup modification: Settings parameters can be modified.
Unit conversion : °C, °F can be converted to each other.

Contraindications

Not applicable.

Special storage conditions and methods

Products must be kept clean and placed in a dry ground. Do not place an infrared thermometer in an electric shock.
Do not place the infrared thermometer in an extreme temperature environment above 50°C or below -20°C and humidity above 95%.

Technical index:

1. Normal operating conditions: ambient temperature :15°C ~35°C.
Relative humidity :≤85%
2. Supply Voltage: DC3V (2 Section 7 "AAA" Battery)
3. Product Size : about 138 x 95x40mm (length x width x height)
4. Weight : about 90g(without battery)
5. Measurement range : 32°C ~42.9°C (body temperature):
0°C~100°C (object temperature)
6. Accuracy : 32°C ~34.9°C ±0.3°C
35°C~42°C ±0.2°C
42.1°C~42.9°C ±0.3°C
7. Power consumption: ≤150 MW
8. Measurement distance :3cm~5cm

9. Automatic shutdown.:≤15 seconds

Product description

This product is mainly composed of infrared probe assembly, main circuit board assembly, LCD display assembly and shell assembly.

1 . Infrared probe
2 . LCD screen
3 . Setting Key
4 . Measurement key
5 . Battery cover
6 . Holding case

Method of use

Notes:

- Follow the maintenance recommendations in this specification.
- This product is suitable for professional or household use.
- Please keep the product out of reach of the child.

The ambient temperature of the product must be between 15°C and 35°C.

- Do not place an infrared thermometer in an electric shock.
- Do not place infrared thermometers in extreme temperatures: above 50°C or below -20°C.
- Do not place an infrared thermometer above 95% humidity.
- The front infrared detector is fragile.
- Do not touch infrared detectors with your finger.
- Do not expose infrared detectors to sunlight or water.
- Do not drop products.
- If you find any problem, you should contact the seller and not repair the product by yourself.
- Do not use in the presence of electromagnetic interference.
- Please follow the local laws and regulations to dispose of the product's end-of-life waste and residue.

Battery installation:

Use 2 sections 7 alkaline battery, pay attention to the positive and negative of the battery can not be installed reverse (see right picture)

Correct use:

The correct method of use is the key to the accuracy of the test, otherwise it may cause measurement errors. Because the infrared temperature measurement has higher requirements for the surrounding environment, therefore, please follow the following prompts.

1. Press the measuring key to boot, the display full display 1 second after the display " °C "or " °F" indicates that the host into the condition to be tested (standby time after 15 seconds, automatic shutdown. Press the measurement button to measure in standby state, the time is about 1 second.
2.When measuring body temperature , should point the product to the center of the forehead-the top of the brow and keep vertical, the measuring area can not have hair cover, the distance between the product and the forehead is recommended at about 3cm-5cm.

1.Poke your hairs 2.Wipe sweat 3. measuring distance 3cm-5cm.

Warm Tips: if you can't guarantee that the area under test (forehead) is in a constant environment, it is recommended to measure it with an unexposed body surface (e.g. chest or abdomen)

4.measured belly. 5.measured Shoulder sipping position.

3. When a person is from a place where the measured ambient temperature varies significantly, he or she should remain in the tested environment for at least 5 minutes before measuring it in accordance with the ambient temperature, otherwise the measurement will be affected.
4. Sweating, cold compressing or other temperature-lowering measures on the forehead of a fever patient may result in low measurement results and should be avoided in these cases.
5. When products are removed and used from places with large temperature differences from the environment to be tested, they should be used after 30 minutes in the

environment.
6. The environment of the objects to be measured should be stable, not in the fan, air-conditioning outlet and other large air-flow testing.
7. The product can not be used in direct sunlight.
8. It is recommended to measure about three times at a time to show the largest set of data.
9. To measure the temperature of the body's forehead, select the "body temperature" mode and the "body temperature" mode when measuring the temperature of other objects, liquids, food, etc.

Setup adjustment:

This product can modify the default settings parameter. Factory settings have been made for different sales markets before leaving the factory, it is recommended not to modify the factory default value, if there is a need to modify, please follow the following steps.

1.Buzzer Switch
Setup method
In the boot state, short press "set" key, screen display "ON" and horn symbol 🔊 or "OFF" and horn symbol 🔊 (horn symbol flashes), short press again setting key, screen display switch between "ON" and "OFF ".

2.Alarm Temperature Setting-F1
Setup method
In the boot state, press the "Set" key for 2 seconds, the screen shows: F1, press the "Memo" key to increase 0.1°C, press the "Mode" key to reduce 0.1°C, press the measuring key to confirm. (alarm temperature factory setting at 37.3°C)

3. Overall Temperature Offset - F2
adjust the measurement bias of the product.
(This setting is not recommended)
Setup method
Press the Settings button for 2 seconds. The screen shows: F1, short press again the Settings button enter into F2, select press "Memo" to increase 0.1°C, press "Mode" to decrease 0.1°C, press Setting key to confirm. (Factory defaults to 00.0 degrees)
[Temperature Unit SettingF3]:
Press and hold the "Set" key for 2 seconds, the screen displays: F1, then press and hold again the "Set" key to enter F2, and then press and hold the "Set" key to enter F3. press "Memo " and "Mode" key to switch between °C and °F.

4. Exits Settings mode
In setting mode, press the" measurement "key one time to close screen and the product automatically exits the setting.

5. Memory query
After each test, the product will automatically record the test data, up to 100 measurements can be recorded, if you want to view these data, according to the following operation,
In the standby state, press the "Memo" button to show the last measured temperature.Press the "Memo" button again to display the previous data, press the "Mode" key to display the following data, and so on, you can view the measured data stored.You can press the measurement button to exit query mode.Without any pressing, It will exit this mode and close automatically in 10 seconds.

6. Memory Clearance
In standby state, long press "Memo" key 2 seconds,that can clear all current memory.

7. Alarm Function
In temperature mode, if the measured temperature is higher than the set alarm temperature, the buzzer is continuous Three drops. (alarm temperature factory set to 37.3°C).

8. Switching Measurement Mode
In the boot state, press the "Mode" button, the display screen : " object temperature " and " body temperature "display alternately, select the desired mode, press the measurement button to exit.

9. Display Color
In body temperature mode, if the measured temperature is higher than the set alarm temperature, the display color will switch to yellow or red (alarm temperature factory is set to 37.3°C)

Battery replacement:

The product uses 2 AAA alkaline batteries, Theoretically can be used about 20,000 times continuously, When the battery symbol " " appears on the screen and flashes, it indicates that the battery is low and needs to be replaced.
1. Open the battery cover to replace the battery, note that the positive and negative electrodes of the battery should be placed in the correct position : '-' negative electrode ; '+' positive electrode.
2. If rechargeable battery does not meet the product requirements, please do not use.

3. When not use for a long time, it is recommended to remove the battery so that will not to damage the product by leaking the battery.

Routine maintenance

The product no need to be maintained frequently when it is in normal use.
1. External dirt: clean soft cloth with water to wipe the dirt, or cotton swab with medical alcohol wipe, with medical alcohol wipe can also be both sterilization and disinfection. Pay attention to water or alcohol not too much, so as not to flow into the interior to cause damage to the product.
2. Dirty inside: the internal infrared detector is an important device, do not touch or top pressure with fingers or other objects, otherwise it will affect the accuracy of the measurement. When the infrared detector is found dirty, wipe it with 95% anhydrous alcohol with a cotton swab.
Note: Do not use 75% disinfection alcohol to wipe the infrared detector (traces of residual water).Do not use other chemical reagents to wipe the infrared detector (will cause damage to the infrared detector).

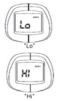
Storage

Store in a dry, cool, sunless place.

Troubleshooting

FAQ 1: When part of human body temperature is measured in the same environment, what is the reason for "Lo "?
The reasons to be excluded are as follows:
1.The measurement distance is too far, at this time the measurement may be the temperature of the air, the specification requires a distance of 3cm-5cm. (There is a vertical line in the upper part of the thermometer with a distance of 5 cm to the end of the gun for reference)
2.Those with hair covering their foreheads, sweat on their foreheads, Pasted antipyretic stickers or took antipyretic drugs, air conditioning blowing on their foreheads and strong winds blowing across the surface may appear
" Lo" ,so which needs to rest 5 to 10 minutes in a stable environment before measuring.

3 .A : There are very few human bodies whose temperature is lower than that of the average person. If each individual's measurement indicates "Lo ",which can compare the temperature of the forehead with that of the other person with the back of the hand, and then try another person's comparison.



3 . B: When the body temperature of an individual (not all humans) appears "Lo ", It can be judged the body temperaturein normal, the main concern is the fever alarm (fever or "HI" appears). appear"Lo" indicates that the temperature normal, the main concern is the fever alarm(fever or "HI" appears),if appear"Lo" indicates that the temperature of the human forehead object is very low at this time, beyond the display range of the product.

Main reasons for displaying Lo on screen:

Reasons for Displaying Lo Information	Recommend
Covered by hair or sweat during temperature reading	Make sure there are no obstacles to the forehead
Cold air on the forehead	Make sure no cold air is blowing directly on the forehead
The forehead has just been cold	After cold compress, wait 10 minutes before measuring
The measurement distance is too far	Recommended measurement distance of 3cm-5cm

FAQ 2: What is the overall temperature offset setting function in the product used for?
A: The overall temperature offset setting function in the product is used to calibrate the temperature, and if you use the product for screening people in public places (such as schools, airports, customs, etc.), you can use it without using

the function, the product has been adjusted at the time of production, just press the measuring key to use it; if you use the product for home (such as a child) and want to get a more accurate human temperature measurement, it is recommended that the mercury or electronic contact thermometer be calibrated for the first time, by comparing the value of the thermometer with the measured value of the product under the same conditions of mercury, if less 0.2 degrees, you can put the original "F2" to add more 0.2 degrees, on the contrary, more 0.2 degrees you can subtract 0.2 degrees from the original "F2" value of the product.

FAQ 3: Is the product harmful to the human body and radiation to the human body?
A: The principle of the product is to collect the radiation infrared ray of the human body to calculate the body's temperature, the product is not directly in contact with the human body, will not bring cross-infection of different human body, the non-contact thermometer produced by the company is no radiation to the human body, so no harm to the human body, we hope that the majority of consumers can rest assured to use.

FAQ 4: measuring all human body alarm, is the product quality problem?
A: This kind of phenomenon is generally caused by the problem of product setting, we can refer to the instructions, adjust the overall deviation value of the temperature of the product to the factory default value, the specific method is to set the overall deviation of the temperature of the product to 0.0.
If there is any further problem, you can contact the after-sales service center directly and set the alarm temperature in the normal range at the same time.

FAQ 5: What is the difference between Non contact infrared thermometer and a mercury thermometer?
1.Contact infrared thermometers or mercury thermometers require direct contact with the human body and are prone to cross-infection between different human bodies.
2. Mercury thermometers are measured for a long time, are not easy to read and are not safe, especially when measuring children's temperature, because of the active and difficult to clamp, causing great inconvenience to parents.

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