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MADE IN CHINA

PVC

HT-820D

Body Infrared Thermometer user manual



- For measurement model, it's optional for body and surface temperature
- 34 temperature datas can be saved.
- Three kinds of color(Green,Orange,Red) backlight LCD display

CATALOGUE

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Product Introduction

This product is handheld but non-touched infrared body thermometer. There are two measurement modes: body temperature and body surface temperature. It can store 34 body temperature digits, and alarm for higher or lower body temperature. Its functions are: different temperature ranges have different backlit lights,auto power-off and so on.

Product Description





1. LED display,show the measurement digits.
2. Backlit/laser keys,it is in back light or laser light while turnning on or turnning off.
3. Left key,used for checking the query data of body temperature pattern; Enter setup mode.
4. Right key,used for checking the query data of body temperature pattern;Ajust the digits when setting the mode.
5. MODE key,used for measurement mode:In both Chinese and English display mode switch.
6. Transducer,this side aims at the measured things while measuring.
7. Machine key, for measurement test use.
8. Battery cover,open and replace the batteries.

Product Specifications

Stortage temperature	-10~60°C(14~140°F)
Usage temperature	10~40°C(50~104°F)
Usage battery	3V
Weight	122g
Size	145 x 80 x 40 mm

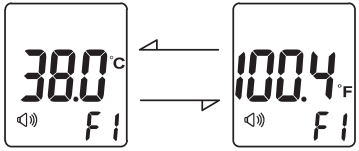
Technical Parameters

Temperature measuring range	32~43°C(90~109°F)
temperature measuring accuracy	±0.3°C(±0.6°F)
Surface Temperature measuring range	0~100°C(32~212°F)
Surface temperature measuring accuracy	±1°C(±1.8°F)
Minimum readings	±0.1°C(±0.1°F)
Response time	0.5s
Measuring distance	5 ~ 8 cm
Auto power off	7s

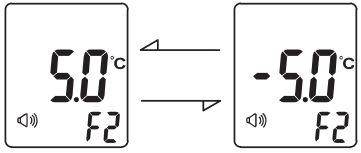
Function Set

Press SET key for seconds and then enter into set mode: you can press on ADJ key for setting when showing F1 sign on lower right corner, each time press set key, it follows this order: Unit-Temperature Shift-Sound Toggle-Exit the Settings

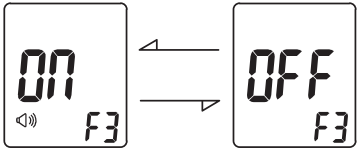
Unit Setting
In F1 setting,press ADJ key to set the unit into °C/°F.



Emperature Shift Settings
In F2 setting,you can increase or descrease,the setting range is ±5°C(±9°F).



Sound Toggle setting
In F3 setting,press ADJ key to turn on or turn off the sound.



In setting mode situation,you can pull the trigger to exit directly.

Mode Switch

Press MODE key for seconds to switch Chinese / English
Press MODE to switch body temperature / body surface temperature.

Temperature Measurement

Aimed at the measured thing, pull the trigger to start,and the display shows the temperature.
Body surface temperature Mode:
The digits will continue updated if you are pulling the trigger to measure, and the green backlit keep light.

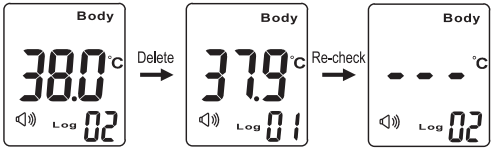


Body temperature Mode:
Press the trigger to update the measurement digit,and the present record will be showed on the lower right corner;different temperature has different backlit light:
It is green backlit below 37.5°C (99.5°F);
It is orange backlit between 37.5°C to 38°C (99.5°F~100.4°F);
It is red backlit above 38°C(100.4°F).



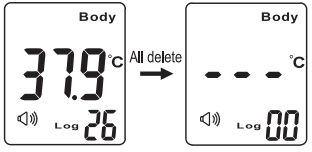
The Recording Operation

Check the records:
Press the SET and ADJ keys to check the records
Delete records:
Press the ADJ key for seconds to delete the present record and will show the previous one on the display.(You will hear a "Du" once you open the sound.



Present record The previous record No records

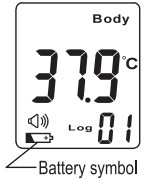
Press the ADJ and SET keys at the same time to delete all the records.



Before deleting After deleting

Battery Installation And Replacement

It will show battery symbol once battery low, and please change with new battery right now. Open the battery cover from handle bottom and put the new battery in.



Notes Before Use

1. Install battery
2. For the first use or when inserting new batteries wait between 10 minutes for the warm-up of the apparatus and when inserting the new batteries.
3. Aim towards the forehead (see the diagram below for the touch less body thermometer positioning), from a distance of 5 cm (2 in), press the measuring key, the temperature is displayed immediately. The temperature can also be taken behind the ear lobe.
4. Before taking of the temperature make sure to remove hair and perspiration from the forehead.

Warning Before Use

- The protective glass over the lens is the most important and fragile part of the thermometer, please take great care of it.
- Clean the glass with cotton fabric, wet with water or 70 alcohol.
- Do not use other batteries than mentioned batteries, do not recharge non rechargeable batteries.
- Do not expose the thermometer to sunlight or water.

Troubleshooting

If you happen to have one of the following problems while using your the Non-contact Body Infrared Thermometer please refer to this breakdown service guide to help resolve the problem. if the problem persists please contact our customer service.

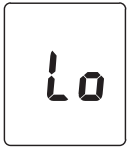
The screen displays themessage"HI"

When using the Non-contact Body Infrared Thermometer the message HI can show on the screen
The analysis is above the measurement range selected, supperior to 43°C (109.4°F) in Body mode.



The screen displays the message "LO"

when using the Non-contact Body Infrared Thermometer the message Lo can show on the screen.
The temperature analyzed is under the measuring range selected, less than 32°C (90°F) in Body mode.



This message displays in various cases - please find below a list of the main cases: 2°F in Surface mode.

Reasons for LO message display	Advice
Temperature reading hampered by hair, perspiration...	Make sure that there is no obstruction prior to taking a temperature.
Temperature hampered by an air flux.	Make sure there is no air flux as this could interfere with the infrared system.
Temperature readings too close together, the Body Thermometer did not have the chance to boot itself.	Respect the pause of 15 seconds minimum between two readings - A1 minute pause is advised.
The measuring distance is too far	Please respect the measuring distance (between 5 cm and 15 cm - 2 in and 5.9 in).