

JAIPUR INDUSTRIAL SERVICES

 **9828526044**

CARE4U
INFRARED
FOREHEAD
THERMOMETER



CARE4U
INFRARED FOREHEAD THERMOMETER

1 Second Temperature Measurement

Quick & Accurate



For home or clinical use.



Thermometers Comparison



Mercury thermometer

(Long operation time, easy broken and toxic)



Traditional electronic thermometer

(No body temperature storage or extra functions)

VS



CARE4U infrared
forehead thermometer

Voice
Prompt

Tri-color
Backlight

Fever
Reminder

Precision
Probe

CARE4U infrared forehead thermometer is a new generation infrared thermometer carefully designed and crafted by Hunan Zhongliankang Medical Technology Co., Ltd. It has a graceful appearance, rich functions, ergonomic, fast and accurate.



CARE4U, Care For You , Made With Love In China.



Measurement method:	Infrared non-contact
Measuring distance:	2cm~5cm (recommended measurement distance)
Temperature measurement range:	(89.6°F ~ 107.6°F) / (32°C~42°C), mode can be switch
Operation Sound:	Buzzer, 30 dB, can be turned off
Temperature measurement accuracy:	(±32.36°F) / (±0.2°C)
Storage:	Store temperature data up to 32 data set
Low battery reminder:	Battery symbol displayed on screen
Low energy consumption:	Automatic shutdown without operation for 60 seconds
Battery:	Two AAA batteries, low energy consumption



Unit Size : 170mm*116mm*55mm
Net Weight: ≈ 150g (without batteries)

Carton Total Weight: $\approx 8.65\text{kg}$ (Gross Weight)
 PCS/Carton : 50 PCS
 Carton Size: 605mm*360mm*295mm, $\approx 0.065\text{CBM}$
 MOQ: 1PCS
 LT: about 5~15days, depends on delivery ways



How Does It Works?

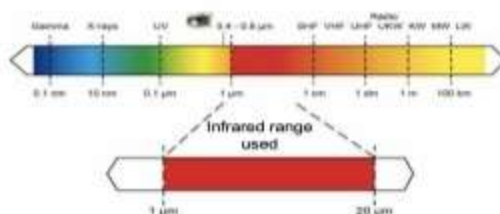
What Infrared Thermometers Do

Infrared thermometers work based on a phenomenon called black body radiation. Anything at a temperature above absolute zero has molecules inside of it moving around. The higher the temperature, the faster the molecules move. As they move, the molecules emit infrared radiation--a type of electromagnetic radiation below the visible spectrum of light. As they get hotter, they emit more infrared, and even start to emit visible light. That is why heated metal can glow red or even white. Infrared thermometers detect and measure this radiation.

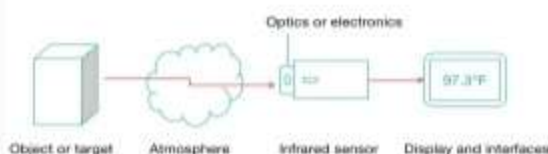
How Infrared Thermometers Work

Infrared light works like visible light--it can be focused, reflected or absorbed. Infrared thermometers usually use a lens to focus infrared light from one object onto a detector called a thermopile. The thermopile absorbs the infrared radiation and turns it into heat. The more infrared energy, the hotter the thermopile gets. This heat is turned into electricity. The electricity is sent to a detector, which uses it to determine the temperature of whatever the thermometer is pointed at. The more electricity, the hotter the object is.

From <https://sciencing.com/infrared-thermometers-work-4965130.html>



-This radiation is not visible to human naked eye, but can be seen using an infrared sensor.



- The target emits infrared radiation.
- The sensor picks up the energy and converts it into an electrical signal that can be displayed in units of temperature.

How To Use It ?

Recommendation operation: As shown below , please place the thermometer towards the forehead vertically about 2cm-5cm away, and then press the measurement key, temperature measured will be displayed on the screen after a 'beep' sound. For more detail, please refer to the operation manual.



MEASUREMENT INSTRUCTION

- Align the thermometer probe in the middle of the forehead and keep it vertical with a distance of 3-5 cm. Press the measurement button, and the temperature will be read and displayed after 1 second with sound of "Tuck". And then, the measurement is completed.
- When the great change of the ambient temperature affects the forehead temperature, please measure the earlobe at its back.



MAINTENANCE AND PRECAUTIONS

Please keep the inner cavity of the sensor and probe clean, otherwise it will affect the measurement accuracy.

1. Surface cleaning: Wipe surface daily with a clean soft cloth or cotton swab with a little medical alcohol or water.
 2. Sensor and inner cavity cleaning: use a clean soft cloth or cotton swab to stick a little medical alcohol gently wipe the inner cavity of the probe or the tip of the sensor, use until the alcohol is completely evaporated.
- Please read the instructions carefully before use.
 - Do not immerse the thermometer in any liquid, and do not leave it under overhead or low temperature environment for a long time.
 - Collision prohibited: Dropping and moving with sharp objects are prohibited, disassemble by yourself is prohibited.
 - The thermometer should not be used in the sun or water.
 - Do not use in strong electromagnetic interference environment.
 - Keep the thermometer out of the reach of children.
 - It is recommended to practice several times to become familiar with the measuring method, and try not to change the product factory settings.
 - Measurement results are not a substitute for physician diagnosis.
 - No special maintenance is required during use, please contact the seller or manufacturer if there is any malfunction appears.

OPERATION INSTRUCTIONS

1. Switch between body temperature mode and object temperature mode
When in measurement mode, press the "SET" key to switch between the object temperature measurement mode (the display shows a small house) and the human body temperature measurement mode (the display shows the child's smiling face).
2. Look up the measured historical data
In the shutdown state, press the "MEMO" key to view the last first measured data, and press it again to view the last second data. The thermometer can store 32 sets of data measured in the human body temperature measurement mode. Press the "POW" key to exit the lock up.
3. Set parameters of the thermometer
 - (1) Turn sound on and off
In the shutdown state, press and hold the "SET" key for 3 seconds until the screen lights up. In F1 mode, press "MEMO" to select on or off. Press "POW" to exit the setting.
 - (2) Set the temperature abnormal alarm threshold
In F1 mode, lightly press "SET" button to enter F2 mode. In this state, press "MEMO" button to set the temperature. Press "POW" to exit the setting.
 - (3) Set temperature compensation
In F2 mode, lightly press "SET" button to enter F3 mode, press "MEMO" button to set the temperature compensation. This operation is more professional, it is recommended to keep the factory default settings and set the value to zero. Press "POW" to exit the setting.
 - (4) Switch between Celsius / Fahrenheit temperature units
In F3 mode, lightly press "SET" key to enter F4 mode, press "MEMO" key to set the temperature unit (Celsius / Fahrenheit switching selection).

FAQ

- Q1: The device is on (the screen is measured), but the temperature cannot be measured.
A1: Confirm whether the product enters the measurement data viewing mode or parameter setting mode. If you enter the mode, please press the power button (POW key) to shut down (or wait 1 minute to automatically shut down), and then press the temperature measurement key after rebooting.
- Q2: The measurement temperature is obviously too low.
A2: Confirm whether the device is under the object temperature measurement mode. If so, press the SET key once to enter the human body temperature measurement mode. Enter the parameter setting mode and check whether the temperature compensation setting is negative, it is recommended to set the value to 0.
- Q3: The measurement temperature is obviously too high.
A3: Enter the parameter setting mode and check whether the temperature compensation setting is positive, it is recommended to set the value to 0.

REMARKS

1. Before and after use, keep the inner part of the sensor and probe clean.
2. Please use the thermometer in a stable temperature environment. When the ambient temperature fluctuates greatly (such as the temperature difference from indoor to outdoor), please wait for 10 seconds before measuring.
3. Do not start measuring body temperature immediately after measuring the objects with extremely high or low temperature. Please leave it for 10 minutes before measuring the body temperature.
4. When the measured people or object comes from a place with a large temperature difference from the measurement environment, they should stay in the measurement environment for at least 5 minutes.
5. Try not to measure when there's blowing, sweating, water splash or etc. on the forehead. Don't measure your body temperature in 30 minutes after exercise, bath or meal.
6. Press and hold the SET button in power off state, and enter the setting mode after the "bep" sound. Press the SET button to select F4, and use the MEMO button switches between °C mode and °F mode. After setting, press the POW button to power off.

Product model	ZLK-RT101
Display resolution	(32.2°F)/(0.1°C)
Body temperature mode	(±32.5°F)/(±0.3°C)
Measuring range	(99.6°F-104.4°F)/(37°C-41°C) body mode (32°F-212°F)/(0°C-100°C) object mode
Measuring distance	1-10cm
Operating ambient temperature	(50°F-104°F)/(10°C-40°C)
Operating ambient humidity	≤80%RH
Storage temperature range	(-13°F-131°F)/(-25°C-55°C)
Power	DC3V
Battery	2 AAA batteries
IP rating	IP 20
Dimension	116x55x170mm(LxWxH)
Weight	150g (without battery)

Product Advantages



Non-contact

No contact guarantees the best hygiene, thereby greatly reducing the risk of being infected by bacterial viruses.



Efficient & Accurate

Simple operation
Non-contact
Sensitive, no need to wait
Accurate measurement



Best Infrared Sensor

Self-developed infrared module
accuracy up to 0.2 °C
stable, fast and accurate
Strong adaptability
5.5um infrared filter
Wide measurement range



Smart Power Saving

Supports automatic shutdown
Two AAA batteries can be used more than 3000 times

Company Operation Qualifications



Medical Device Business License



Export Business License



Medical Product Export Certificate



Medical Device Registration Certificate(s) :
HNMPA certified 20202070665



Manufacturing License(s):
Hunan CFDA Production Permit No.20200059

CE Certificate



FDA Certificate



RoHS Certificate



CE certificate and FDA certificate , which guarantees reliable quality for export globally.



药监局 局长吕鹏 国家药品监督管理局关于有序开展医疗物资出口的公告

Journal of Management Inquiry

● ● ● ● ●

Abstract

[illegible]

● 有 3 位 7 岁 的 孩 子 出 现 主 要 情 绪 问 题 的 症 状 。

地址：上海門外大街郵政管理局

● 欲知最新行情請洽：(02) 2509-8888 或 www.yeyu.gov.tw (以圖文為準)

[illegible]

0100-0000

From: <http://www.nmpa.gov.cn/WS04/CL2138/376203.html>

省级药监部门红外体温计(含耳温计、额温枪)注册信息

序号	注册证号	产品名称	注册人
135	湘械注准20132070665	腹腔镜用腹腔镜电凝钩	湖南兆连康医疗科技有限公司
136	湘械注准20132070666	腹腔镜用腹腔镜电凝钩	湖南兆连康医疗科技有限公司
137	湘械注准20132070667	腹腔镜用腹腔镜电凝钩	湖南兆连康医疗科技有限公司
138	湘械注准20132070668	腹腔镜用腹腔镜电凝钩	湖南兆连康医疗科技有限公司
139	湘械注准20132070669	腹腔镜用腹腔镜电凝钩	湖南兆连康医疗科技有限公司
140	湘械注准20132070670	腹腔镜用腹腔镜电凝钩	湖南兆连康医疗科技有限公司
141	湘械注准20132070665	腹腔镜电凝钩	湖南兆连康医疗科技有限公司
142	湘械注准20132070666	腹腔镜电凝钩	湖南兆连康医疗科技有限公司
143	湘械注准20132070667	腹腔镜电凝钩	湖南兆连康医疗科技有限公司
144	湘械注准20132070668	腹腔镜电凝钩	湖南兆连康医疗科技有限公司
145	湘械注准20132070669	腹腔镜电凝钩	湖南兆连康医疗科技有限公司
146	湘械注准20132070670	腹腔镜电凝钩	湖南兆连康医疗科技有限公司
147	湘械注准20132070671	腹腔镜电凝钩	湖南兆连康医疗科技有限公司
148	湘械注准20132070672	腹腔镜电凝钩	湖南兆连康医疗科技有限公司

Orderly production workshop, strict production standards and procedures, hardworking professional workers, to ensure high-quality products.



Care For You , Made With Love In China.

