NON-CONTACT INFRARED THERMOMETER
Ref.: 1081

Scope of application
Used by families and medical departments when measuring body temperature. It can also be used to measure the surface temperature of objects.

Product features
• Strong environmental temperature adaptability, which can still be used normally in complex environment.

• New control probe structure to ensure more accurate measurement.

• Two measurement modes of body temperature and object temperature, one button mode switching operation is convenient and practical.

• Fever alarm prompt, backlight color prompt.

• Automatically save 16 sets of temperature measurement values.

• Large size LCD screen, high brightness three color backlight, clear and soft display.

• Two temperature units of Celsius and Fahrenheit can be selected.

• Automatic shutdown saves power and energy.

• Simple and clear operation mode.

Precautions
Please read this manual carefully before use, and make sure the battery is installed.

It is forbidden to immerse the forehead temperature gun in any liquid, and it is forbidden to use it in an excessively high or low temperature environment for a long time. It is forbidden to collide, fall, mix with sharp objects, and dismantle by yourself

Do not use in strong electromagnetic interference environment

Put the forehead temperature gun out of the reach of children.

The measurement results can't replace the doctor's diagnosis.

GENEBRE

Mean features. Technical parameters

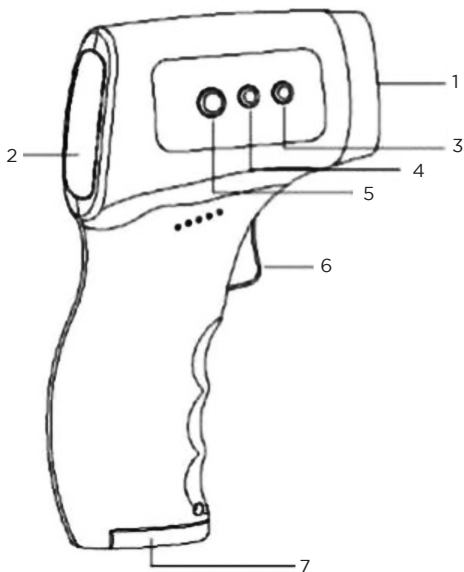|	
Measuring distance	3 ~ 5 cm.
Measuring range	For human body temperature measurement 32 ~ 42,5° C (89,6 ~ 108,5° F)
	For Object surface temperature measurement 0 ~ 100° C (32 ~ 212,0° F)
Measuring Accuracy	Human body temperature measurement In range 35 ~ 42° C ± 0,2° C (95° ~ 107,6° F ± 0,4° F) Out of range 35 ~ 42° C: ± 0,3° C (95° ~ 107,6° F ± 0.54° F)
	Object surface temperature ± 1° C (1,8° F)
Operating ambient temperature	0 ~ 42° C (32 ~ 107,6° F) RH ≤ 85% (under non-condensing conditions)
Storage ambient temperature	-10 ~ 55° C (14 ~ 131° F) RH ≤ 85% (Under non-condensing conditions
Power Supply	DC1.5 V*2 (2 pcs AAA battery)
Battery status	Low battery warning
Memory function	Memorize 16 measurements
Display Unit	Celsius temperature (°C) Fahrenheit temperature (°F)
Automatic shutdown	Automatic shutdown with no action in 30 sec.
Product Measurements	149 x 77 x 43 mm (length x width x height)
Weight	104 g.
Annex	1 User Manual

This product measures the body temperature by collecting the infrared thermal radiation from the human forehead and hair. Its operation is simple and sanitary, and its measurement is fast and accurate. The user only needs to point the detector head at the forehead and press the measurement key. In one second, the user can quickly and accurately measure the body temperature

This product is a class II medical device, belonging to the internal power supply equipment, type B application part, and the protection grade is common equipment (IP20). It can not be used under the mixture of flammable anesthetic gas, nitrous oxide and other gases, and it is a continuous operation equipment. The EU is classified as IIB.

The product is mainly composed of infrared temperature sensor, signal receiving processor, key, buzzer, LCD display, battery, etc...

Installation and use instructions

1. Infrared detector
2. LCD
3. Button down
4. Button up
5. Set button
6. Switch
7. Battery cover
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Instructions for use
Display icon definition

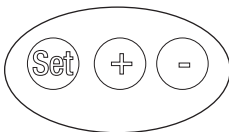| Icon definition	Icon	State description	
Electricity indication	▭▭▭▭	Display	The battery power is low and can only work for a short time. Please replace the battery.
		Display and flashing	The battery is too low to work properly. Please replace the battery immediately
		No display	Full charged
Tone	🔊	Display	Buzzer sound on, with prompt sound
		No display	Buzzer sound off, no prompt sound
Temperature measurement mode	😀	Body temperature measuring mold.	
	🏠	Object Surface temperature measuring mold.	
Display Unit	°C	Celsius temperature.	
	°F	Fahrenheit temperature.	
Display value	888.8	It will show the measured temperatur information.	
Memory symbol	M	Display value is memory value and group number.	

16 sets of body temperature memory data queries
On the boot state, press the "up" or "down" button, LCD display the first memory value; each click the "+" or "-" button, display the memory number plus 1 or minus 1, a total of 16 groups of memory data.

Function Key Description

LCD Dispaly

Function setting key

Function key	Function description
SET	Enter / Exit the menu and switch the setup items
+	Select the confirmation item to look up the measured value
-	Select the confirmation item to look down the measured value

Setting up guidance

This product provides three function settings: measurement mode, tone switch, temperature unit, etc.The comparison table of setting menu is as follows:

Menu	Function	"SET"Key	"+" Key	"-" Key	With prompt sound
F1	Test mode	Press once	Object Temperature Model	Human Temperature Model	Human Temperature Model
F2	Test mode	Press again	Tips	No hint	Tips
F3	Temperature unit	Press again	°C	°F	°C

Body temperature setting / Object temperature

• Shortcut switch mode: in the boot state, short press "SET" key can realize the quick switch of human temperature and object temperature.

• In the power on state, press and hold "set" for 2 seconds, and F1 will be displayed on the screen, then press the "+" or "-" button to switch between "body temperature measurement" / "object temperature measurement".

Setting of tone switch

• In the power on state, press and hold "set" for 2 seconds, and the screen displays F1,Press the "set" key 1 time it will show F2.then press the "+" or "-" key to switch between prompt tone on and prompt tone off.

Temperature unit conversion settings

• In the power on state, press and hold "set" for 2 seconds, and the screen displays F1,Press "set" key 2 times, it will show F3, then press the "+" or "-" key to switch between °C and °F

Safety instructions
Human body temperature measurement

After the batteries are installed, press the power on key for 1 second, and the power on is completed after the full display self check.

• Confirm that the measurement mode above the screen is body temperature mode (non object temperature mode)

• Align the forehead temperature gun probe with the middle of the forehead and keep it vertical, with a distance of about 3-5cm. Press the measurement key to start the measurement. After about 1 second, the screen displays the measurement value. Press the measurement key for 5 seconds to shut down when no measurement is made, or shut down automatically after 30 seconds.

When $34°C ≤ T ≤ 37,3°C$, bright green backlight.
When $37,4°C ≤ T ≤ 38°C$, bright yellow backlight.
When $38,1°C ≤ T ≤ 42,9°C$, bright red backlight.
When $T < 34°C$,bright green backlight, display "LO"."
When $T > 42,9°C$, bright red backlight, display "HI"."

Warm Tips:
1. Before and after use, please keep the sensor and probe cavity clean.
2. Please place the forehead temperature gun in a temperature stable environment for use. When ambient temperature changes greatly (e.g. from indoor to outdoor).
3. Do not begin to measure body temperature immediately after measuring the temperature of an object at very high or very low temperature. Please place it for ten minutes.
4. When the measurement object comes from a place that is quite different

from the measured ambient temperature, it should stay in the test environment for at least five minutes.
5. Try not to measure in the forehead blowing, drenching water, sweating, coating, smear cosmetics, etc. Do not take body temperature within 30 minutes after exercise, bath, meal.
When the forehead temperature gun is out of working temperature, the screen will prompt: after the boot complete self-test, the screen will show the ambient temperature. When the working environment temperature is lower than 0℃ the screen will display "Err 1", backlight red, when the ambient temperature is higher than 42℃, the screen will display "Err 2", backlight red.

Object temperature measurement

• Select object temperature mode.

• Aim the thermometer probe at the measuring target and keep it vertical, the distance is about 3-5 cm press the measuring key, display the temperature after about 1 second, when not measuring often press the measuring key for 5 seconds to shut down, or turn off automatically after 30 seconds.

Warm Tips:
1. The range of measurement of the temperature measurement mode of the object 0℃ - 100℃
2. This function measures the object surface temperature and does not represent the object core temperature.
3. The emissivity of different materials may be different (refer to the emissivity of materials), and the measured temperature will deviate slightly from the actual temperature.
4. When the measured value is less than 0℃, bright red backlight, display "LO".. 5.When the measurement is higher than 100℃, bright red backlight, display "HI".

Product maintenance and maintenance methods
Because the product is a reusable device, please pay attention to the cleaning process after use.
Please keep the inner cavity of sensor and probe clean, otherwise it will affect the measurement accuracy. Surface cleaning: wipe dirt with clean soft cloth or cotton stick with a little medical spray.
Clean the inner cavity of the sensor and probe: gently wipe the inner cavity of the head or the top of the sensor with a clean soft cloth or cotton stick with a little medical sprinkler. When the alcohol is completely volatile.

Storage conditions, methods
Products must be kept clean and kept in a dry place. Don't put the electronic forehead temperature gun in a place with electric shock. do not store the electronic forehead temperature gun in an extreme temperature environment above 55℃ or below -10℃ and humidity above 85%.

Important information for correct disposal of the product
At the end of its useful life, the product cannot be disposed of as urban waste. It must be taken to a waste collection point, established by the competent authority or by suppliers specialized in this service. Recycling an electrical or electronic product in an adequate way avoids the negative consequences for the environment and for health derived from incorrect recycling and allows the raw materials that constitute it to be recycled, saving on natural resources and energy. As a reminder of the need to recycle electrical and electronic products properly, the product is marked with a crossed out container.