

1328S

INSTRUCTIONS FOR USE

Contact-Free IR Thermometer with Voice



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Product Overview

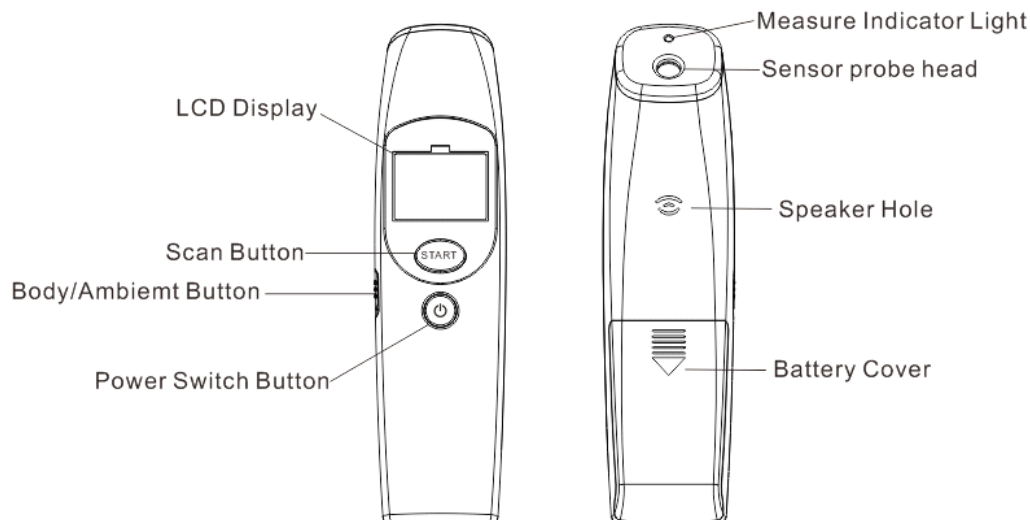
This thermometer uses a sensitive sensor to perform precise measurements of the human body temperature through contact free measurement of the forehead surface and objects temperature measurements.

Device Properties

- Easy to clean
- Fast measurements within 1 second
- Convenient 1 key operation
- 12 memories recall
- Displays last measuring temperature when power is switched on
- Voice function: When the IR Thermometer is ready, you can hear "Please measure".


When the measurement is finished, the reading data will be reported by voice

Outline Drawing



The Definition of Symbols

8888 Reading Display

 Forehead Measuring Mode

 Ambient Temperature Measuring Mode

 Celsius Scale

 Low Battery

M Last Memory

Measuring

Human Body- and Ambient temperature measurement

Choose the  "Human Body"-, or the  "Ambient" measurement symbol with the switch at units left side when it is powered off.

Non-Contact type forehead measuring mode (Figure 5.1B)

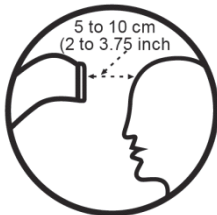



Figure 5.1B

- Press the **POWER** button and all the icons will appear briefly - Figure 5.2B.
- After that the display shows the last measured temperature - Figure 5.3B.
- When the forehead symbol  is displayed on the screen as shown in Figure 5.4B; and the °C symbol is blinking, the body temperature can be measured. A voice will ask you to start the measurement.
- Place the **PROBE** part of the thermometer 5 to 10cm away from the center of the forehead and press the **SCAN** button. When you hear the beep, the measurement will be finished in 1 second. The reading will appear as shown in Figure 5.5B. The voice will announce your body temperature and a blue backlight appears if your body temperature is ok. If your temperature is too high, the backlight will be red.
- NOTE: Before measuring, please be sure your forehead is dry and clean.
- You can take a new reading once the °C symbol starts blinking. A voice will ask you to measure again.
- The power will shut off within 60 seconds, if you do not switch it off by pressing the POWER button.

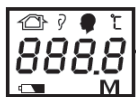


Figure 5.2B



Figure 5.3B



Figure 5.4B




Figure 5.5B

Ambient temperature measuring mode (Figure 5.1C)



Figure 5.1C

- Press the **POWER** button on the IR Thermometer. All the icons will appear briefly as shown in Figure 5.2C.
- You will see the last thermometer reading when the image shown in Figure 5.3C is displayed.
- When house symbol  is displayed on the screen as shown in Figure 5.4C; and at the same time, the °C symbol blinks, the ambient Temperature can now be measured. A voice will ask you to start the measurement.
- To measure the ambient temperature, point the **PROBE** part of the Thermometer into the air and press the **SCAN** button. The measurement will be finished in 1 second when you hear the beep. The reading will appear on the display as shown in Figure 5.5C. The voice will announce the ambient temperature.
- You can take a new reading once the °C symbol begins blinking. The voice will ask you to measure again.
- The power will shut off within 60 seconds, if you do not switch it off by pressing the POWER button.

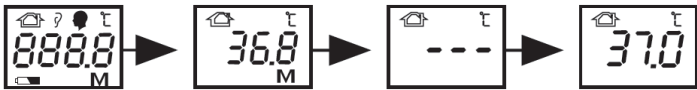


Figure 5.2C Figure 5.3C Figure 5.4C Figure 5.5C

How to switch processor announcement language

When the IR Thermometer is powered off, press the **SCAN** button for 10 seconds until any number from **01** through **06** displays on the screen and release the button. Press the **SCAN** button and release immediately to switch languages. Language code as below for ref.:

Code	01	02	03	04	05	06
Language	English	Spanish	French	Russian	Italian	German

How to access the 12 memory recall.

When the IR Thermometer is powered off, press and release the **SCAN** button. You will see 3 dashes and a flashing **M**. To view the most recent stored result, press and release the **SCAN** button. The number **1** will display briefly, followed by the most recent result. Pressing **SCAN** again shows **2** briefly, then the 2nd most recent stored result. Continue pressing the **SCAN** button to scroll through the rest of the stored results.

How to delete the entire memory.

When the IR Thermometer is powered off, press the **SCAN** button and release immediately. Press the **SCAN** button again to display the latest reading entered into the memory bank. Press the **POWER** button for 3 seconds until the LCD display “---” and release the button, then all 12 memory entries are deleted completely.

Battery Replacement

Low battery: when the LCD displays **LOW**, that signals (see Figure 6.1) the batteries must be replaced to ensure accurate readings.

How to replace the battery:

- Remove the battery compartment cover by gently pushing down on arrow and sliding cover forward.
- Correctly place batteries with (positive) + and (negative) - terminals into compartment by matching the indicated + and - terminals in the compartment.
- Close the battery cover by gently sliding it into the compartment and pressing it into place.

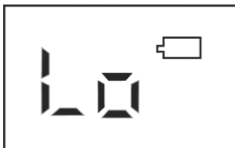


Figure 6.1

Operation Precautions

- Periodically clean the entire thermometer with a clean cloth dampened with isopropyl alcohol prep pad.
- Keep the thermometer unit dry, away from all types of liquids.
- Do not expose the thermometer directly to sunlight. Keep it away from dust, dirt and sharp objects.
- Do not disassemble the IR Thermometer.
- Please take your temperature when you are relaxed and never take your Temperature after exercise or a bath. Rest at least 30 minutes after walking.
- Please keep your mobile phone away from the IR Thermometer to prevent incorrect readings.

Precaution for Measuring Temperature

Description	Meaning
„Hi“	Measuring temperature over 42.9°C
„Lo“	Measuring temperature lower than 33.0°C
„Err“	Environment temperature is higher or lower than working temperature (10°C – 40°C)

Product Specification

Model	No contact speaking Infrared Thermometer 1328S
Measuring Range	Body: 34.0°C - 43.0°C
	Surface: 0°C - 100.0°C
Accuracy	Temperature range of: 34.0°C - 34.9°C +/- 0,3 – 0.5°C 35.0°C - 42.0°C +/- 0.2 – 0.4°C 42.1°C - 43.0°C +/- 0.3 – 0.5°C
Operation Condition	Temperature: 10.0°C – 40.0°C Humidity : ≤ 80%
Storage Condition	Temperature: -25.0°C - 55.0°C Humidity: ≤ 95%
Battery	2x AAA
Weight	76g (including Battery)
Measuring Distance	5-10 cm

Range of Body Temperature

Body temperature means the internal temperature of the human body. Normal temperature means the temperature of a healthy person with little change after multiple readings.

The temperature of a healthy person measured in the evening is normally 0.5°C higher than when taken during the early morning; taking into account the environment, time and physical activities. Refer to the chart below to find your average normal range.

Normal temperature range for each part of the body

	Celsius
Underarm	34.7-37.3°C
Oral	35.5-37.5°C
Rectal	36.6-38.0°C
Ear	35.8-38.0°C
Forehead	35.8-37.8°C

Normal temperature by Age

Age	Celsius
0-2	36.4-38.0°C
3-10	36.1-37.8°C
11-65	35.9-37.6°C
Above 65	35.8-37.5°C

Warranty

The IR Thermometer is guaranteed for 2 years from the purchasing date under normal use. The warranty does not cover the damage of improper use or the battery running out. If the unit does not function properly due to defective part or assembly, we will repair it for free of charge or replace it with a new one.

Explanation of Symbols:



Symbol for batch code



Symbol for manufacturer



Symbol for 'CE



Symbol for "ENVIRONMENT PROTECTION – Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local Authority or retailer for recycling advice"



Symbol for "TYPE BF APPLIED PART"



Symbol for "Follow operating instructions"

IP22

Symbol for "the IP classification"

Ref: FT-F31



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