

Instructions



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Model / Modèle : 016-670

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**PLEASE READ THE ENTIRE INSTRUCTION MANUAL
BEFORE USING THIS THERMOMETER.**

Proper measuring technique is crucial to achieving accurate readings. Improper use will affect results.

Introduction

The Physio Logic® Quick-Scan™ thermometer offers two convenient ways to measure body temperature instantly and accurately. What's more, its colour-coded backlit screen alerts you of a fever (orange) or lets you know that the reading is normal (green) when in poor lighting conditions.

Please keep this instruction manual handy for future reference.

Fast:

- Advanced technology allows for instant digital readings in less than 1 second.

Accurate:

- Clinically proven accuracy for readings you can trust.

Comfortable:

- Modern and versatile, compact design makes it easier to measure temperature.

Hygienic:

- Easy to clean.

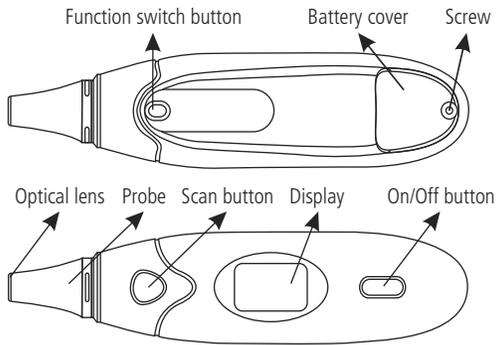
Convenient:

- No probe covers required.
- 2 temperature measuring options: Ear or Forehead.
- Memory stores last 10 readings.

User Friendly:

- One-button easy operation and large easy-to-read LCD.

Your thermometer



⚠ IMPORTANT NOTES ⚠

- This thermometer should not be used on children under 2 years of age. For older children infrared thermometers should not be used to manage important health concerns.
- Use of this thermometer should not replace a visit to your doctor.
- DO NOT use this thermometer to measure rectal, oral or underarm temperature.
- This thermometer is calibrated, ready to use and does not require probe covers.
- The thermometer body is NOT waterproof, only the infrared probe is. Keep the thermometer away from water and other liquids.

- This thermometer is a delicate electronic device. Please handle with care. Do not expose it to direct sunlight. Store at normal room temperature.
- Earwax and other obstructions will affect the accuracy of the readings. Before using, ensure that the optical lens is clean. If it is covered by earwax, wipe it with a cotton swab. If desired, moisten the swab with alcohol. If alcohol is used, wait 5 minutes after cleaning the lens before taking a reading.
- Do not use the thermometer if the ear canal is wet or if the person is suffering from an ear infection.
- Do not apply force when inserting the probe into ear canal.
- Do not use the thermometer if the ambient temperature is below 10°C (50°F) or above 40°C (104°F) or if the ambient humidity is higher than 95%RH.
- This thermometer is intended for household use only. Use of this thermometer is not intended as a substitute for a medical consultation.

Operating Instructions

⚠ Wait at least 30 minutes after eating, exercising or bathing before taking a temperature reading.

- 1- Make sure that the optical lens is clean. (see p.4.)
- 2- Press the On/Off button to turn the power on. The display will show all screen icons and will emit a beep. When the symbol «  » appears, the thermometer is ready.
- 3- **To change the reading mode**, press the function switch button and hold it for 3 seconds. The «  » symbol indicates that the thermometer is now in forehead mode. To switch back to ear mode, press the function switch button again and hold it for 3 seconds (the «  » will disappear).

To use in forehead mode

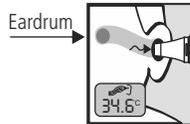
- 1- Ensure that forehead mode is active («  »).
- 2- Place the probe at temple level leaving 1 cm between the probe and the skin.
- 3- Press the scan button. A beep will indicate that the measurement is complete and that the result will appear on the display.



⚠ Since forehead temperature is lower than ear temperature and it is easily influenced by ambient temperature, we recommend to also measure the ear temperature if the forehead reading is higher than 37°C.

To use in ear mode

- 1- Ensure that ear mode is active («  »).
- 2- Gently pull on the top of the ear to straighten the ear canal. This will give the thermometer a clear path to the eardrum.



Incorrect



Correct

- 3- Press the scan button. Keep the thermometer still until a beep is heard.
- 4- After the beep, remove the thermometer carefully from the ear canal. The temperature value will appear on the display.

Fever alarm

- When the temperature detected is above 38°C (100.4°F), the backlit screen turns orange to indicate a possible fever. When the reading is below 38°C (100.4°F), the screen will remain green.



No fever



Fever

To recall memory

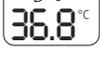
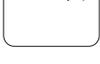
1. Press the On/Off button to turn the unit on, then press it a second time.
2. The display will show the number 1 and then the value of the last reading.
3. Press the On/Off button again. The display will show the number 2 and then the value of the previous reading.
4. Repeat the process described above to view your last 10 readings.

Note: each time that a new reading is taken, the oldest value in memory is deleted and the new one is kept in memory.

To switch between °C and °F

1. Press the On/Off button to turn the unit on.
2. Press the On/Off button again and hold. While holding, press the scan button once. The scale icon will switch from °C to °F. Press the scan button again to return to the previous scale. After selecting the desired scale, release the On/Off button.

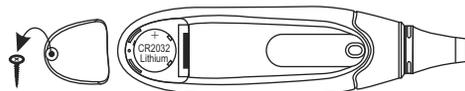
Screen symbols

LCD	Description
	All icons are displayed. The unit has been turned on.
	Ready for ear readings. The icon "  " indicates that the unit is in ear thermometer mode.
	Ready for forehead reading. The icons "  " indicate that the unit is in forehead thermometer mode.
	The thermometer is taking readings.
	The unit is reporting the last temperature detected and it is also ready for the next reading.
	Low battery. The battery should be replaced.

To replace the battery

When the low battery () symbol appears, it is time to replace the old battery with a new one.

- 1- Use a new lithium battery, type CR2032 or equivalent.
- 2- Take out the screw and remove the battery cover
- 3- Remove the old battery.
- 4- Place the new battery, making sure the + side is up.
- 5- Replace the battery cover and secure with the screw.



Error messages

LCD	Comments
	The temperature is higher than 50°C.
	The temperature is lower than 0°C.
	The ambient temperature is higher than 40°C.
	The ambient temperature is lower than 10°C.
	The battery running low. Please replace the battery.
	Check if the unit is turned on or if the battery has been properly installed.

Troubleshooting

1. If temperature readings are consistently low:

- The waterproof lens may be dirty.

Solution:

- Thoroughly clean the lens with a soft, alcohol-moistened cotton cloth.

- The probe may not be positioned properly in the ear canal (if used in ear mode).

Solution:

- Verify that the ear mode icon is visible.

- The tip of the probe must be fully seated against the opening of ear canal. Failure to properly position the probe may lead to a low temperature reading.

2. If the thermometer displays an out of range error message (HI, LO, AH or LH).

Solutions:

- Verify that you are using the correct reading mode (ear or forehead).
- This may occur if you press the scan button before placing the thermometer in the ear, while the ambient temperature is not within the measuring range (ear mode) (see p.14). Ensure that you are following the instructions on p. 7.
- If operating in forehead mode, ensure that the probe is not too far or too close from the skin (1 cm is recommended).

Care and cleaning

Clean the uniquely-designed waterproof probe with a soft, alcohol-moistened cloth after each use.

Clean the body of the ear thermometer with a soft, dry cloth. DO NOT RINSE THE THERMOMETER BODY USING LIQUID.

Never use an abrasive cleanser or submerge the body of the ear thermometer in water or other liquids.

About body temperature

Several factors can affect normal body temperature. It fluctuates throughout the day, being generally lower in the morning and higher during the afternoon. Also as we age, our normal body temperature tends to decrease slightly (see table below for reference). Different parts of human body also have different temperatures: generally, ear temperature is close to oral temperature but higher than underarm temperature.

Average body temperature per age

Age	0-2	3-10	11-65	+65
°C	36.4 - 38.0	36.1 - 37.8	35.9 - 37.6	35.8 - 37.5
°F	97.5 - 100.4	97.0 - 100.4	96.6 - 99.7	96.4 - 99.5

Normal body temperature is different from person to person. Knowing this temperature can be important for future situations. Use your Physio Logic® Quick-Scan™ Thermometer to take a normal temperature reading of you and each member of your family and write it down in the chart for future reference.

Your normal temperature readings

Family member	Reading	Date

Technical specifications

Model:	Physio Logic Quick-Scan Thermometer (016-670)
Sensor type:	Thermopile
Display temperature range:	Between 0°C and 50°C (32°F and 122°F)
Operating ambient temperature range:	Between 10°C and 40°C (50°F and 104°F)
Operating ambient humidity range:	0-95% RH
Memory:	Memorizes last 10 readings
Battery type:	CR2032 Lithium cell (x1)
Battery life:	5,000 measurements or 2 years.
Automatic switch off:	1 minute after last use
Weight:	30g (including battery)
Standard:	Complies with CE and ASTM requirements
CE Medical device:	Class IIa

Caution

Do not expose the thermometer to extreme temperature, very high humidity, or direct sunlight. Avoid extreme shock.

Do not drop the thermometer.

Do not touch the probe tip with fingers. Do not disassemble the thermometer.

Warranty

Thank you for purchasing the Physio Logic® Quick-Scan™ thermometer. This product is warranted to be free from defects in material and workmanship for a period of one year of normal use from the date of purchase. This warranty does not cover damages resulting from abusive or improper use and applies to covered by this warranty. All claims must be accompanied by the original bill of sale.