

LIFE SOURCE[®]

INSTANT READ

Ear Thermometer



Trilingual Instruction Guide - MODEL UT-302

English • Français • Español

IMPORTANT INFORMATION



In order to obtain an accurate measurement, please read this instruction manual carefully before using.

- ☞ This thermometer is designed to take a temperature through the ear canal. **DO NOT** use it to take rectal, oral or underarm temperature.
- ☞ This ear thermometer is a delicate electronic device. Please handle with care.
- ☞ Only the tip of the ear thermometer is waterproof. Follow the proper cleaning instructions as outlined in this manual. Do not submerge body of thermometer in water or any other liquid.
- ☞ Do not expose thermometer to direct sunlight.
- ☞ Precision components were used in the construction of this device. Extremes in temperature, humidity, shock or dust should be avoided.
- ☞ Keep this device out of the reach of children.
- ☞ Do not self-diagnose your condition using the measured result. Consult your doctor if your temperature is higher than the normal temperature.
- ☞ Do not use the ear thermometer if there is blood or drainage in the external ear canal.
- ☞ Do not use the ear thermometer in an infected ear.
- ☞ Do not force the thermometer tip into the ear canal.
- ☞ Do not disassemble the ear thermometer.

LIFE SOURCE®


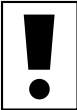




Fast. Easy. Accurate.

Congratulations on your purchase of the LifeSource® UT-302 Instant-Read Ear Thermometer. This easy to use thermometer offers a safe, accurate and quick way to take a temperature measurement through the ear. It is an especially convenient method of taking a child's temperature and perfect for adults too.

A&D Medical has been manufacturing quality healthcare products for over 25 years. We are committed to providing you and your family with monitoring devices specifically designed for high accuracy and ease of use.

LifeSource - Designed for Life.

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WHAT DISPLAY SYMBOLS MEAN



Degrees of temperature



Scanning sequence
in progress



Smiling face
(Indicates temperature is
lower than 38°C or 100.4°F)



Sad face
(Indicates temperature is
higher than 38°C or 100.4°F)



Celsius Scale



Fahrenheit Scale

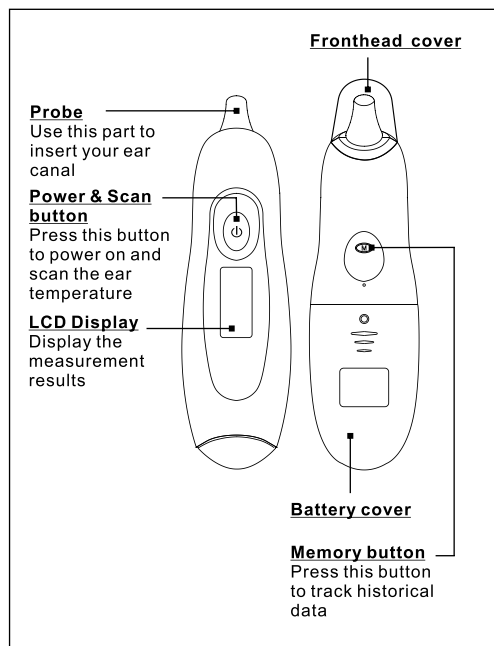


Low battery warning



Memory symbol

COMPONENTS



After purchasing our products, you can find four parts inside the package:

1. Thermometer body.
2. 1 x CR2032 Lithium battery.
(already included in the thermometer body)
3. Instruction manual.
4. Fronthead cover.

HOW THE EAR THERMOMETER WORKS

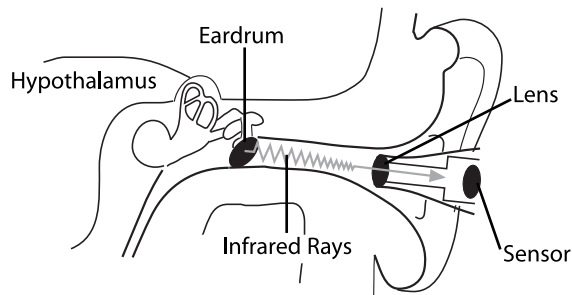


The LifeSource® ear thermometer utilizes infrared thermo scanning principles to scan the temperature of the human eardrum. The eardrum is located beneath the surface and not easily influenced by the changing temperature in the environment.

The LifeSource ear thermometer is faster, safer and easier to use than traditional stick thermometers. It scans the eardrum 512 times per second and displays the highest temperature detected. Measurements can even be taken while your child is sleeping. For adults, an ear thermometer offers fast, comfortable, accurate readings in seconds.

Why the ear?

Research indicates that the ear is an ideal site for taking body temperature. The eardrum shares blood vessels with the hypothalamus, the part of the brain that controls body temperature. Therefore, the ear is an accurate indicator of internal body temperature.






BEFORE YOU START



This product is intended for household use only. If you have questions about the meaning of a specific temperature, please consult your physician.

Use the thermometer at room temperature between 60.8° F - 95° F (16° C - 35° C). If the ear thermometer is stored in an environment where the temperature is out of that range, move the thermometer to a location with a room temperature of 60.8 F - 95° F (16° C - 35° C). Allow the thermometer to equalize to that temperature range before use.

DO NOT measure temperature if:

-  Your ear is cold, wet or blocked with ear wax
-  It is within 30 minutes after eating, taking a bath or physical exercise
-  You are suffering from an ear infection

NOTE: Make sure the tip of the thermometer is clean. A dirty lens may cause an inaccurate measurement. Clean the lens with a soft, alcohol moistened cloth or cotton swab. Never use an abrasive cleaner. Never submerge the body of the thermometer in water or any other liquid.

We recommend you practice with the LifeSource ear thermometer on yourself and family members while you are healthy. This way you know how the thermometer works and will feel more confident of the measurements when you or a family member is ill.

Record the normal temperature of each family member here:

TAKING YOUR TEMPERATURE



1. Press Fronthead cover's sides to remove.

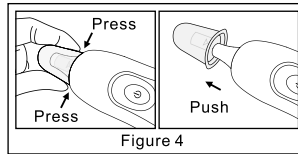


Figure 4

2. Press the Power/Scan button for one second consecutively. The system will perform a self-test, and all symbols will be displayed on the LCD for one second.

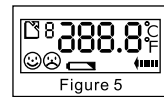


Figure 5

3. After the self-test, the last temperature taken will be shown on the display. The UT-302 is now ready to take a new measurement.

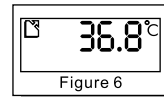


Figure 6

4. Press the Power/Scan "⏻" again. The symbol "⏻" will appear beneath the last reading.

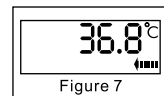


Figure 7

TAKING YOUR TEMPERATURE



5. Insert the probe into the ear canal. The probe must be inserted well into ear to allow the probe tip to continuously scan the ear canal. This will ensure an accurate temperature measurement.

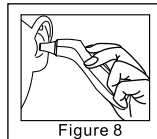


Figure 8

6. After one second a beep will sound indicating the reading is complete. Remove the thermometer from the ear to get the temperature reading.

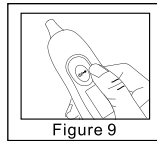


Figure 9

7. A smiling face "☺" will appear indicating a temperature reading lower than 38°C (100.4°F).

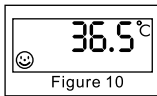


Figure 10

- A sad face "☹" accompanied by one long and two short beeps will indicate a temperature of 38°C (100.4°F) or higher.

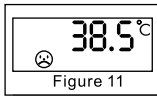


Figure 11

TAKING YOUR TEMPERATURE



8. A "Lo" or a "Hi" symbol appears when the temperature measured is out of the measurement range.

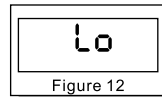


Figure 12

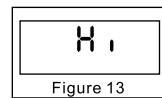


Figure 13

9. The symbol "Err" appears if the operating temperature is not within 16°C (60.8°F) and 35°C (95°F).

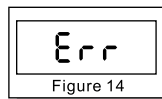


Figure 14

10. To recall past readings, press the "M" button on the underside of the unit. The memory symbol and the set index appear at the top-left side of the display.

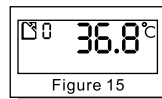


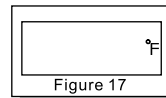
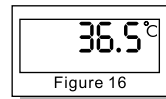
Figure 15

11. To insure a long battery life, this thermometer will automatically power off after one minute of non-use.

SWITCHING THE UNIT OF MEASURE



- I. To switch between °C or °F, press the Power/Scan "⏻" button once. Then press and hold the Power/Scan "⏻" button. Now, press the "M" button to toggle between the °C or °F modes.

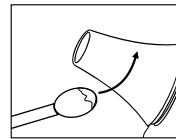
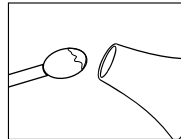


CARE AND CLEANING



Probe Lens:

Clean the lens of the thermometer with a soft, alcohol moistened cotton swab after each use. Do not use water to wash the probe lens.



Thermometer:

Clean the body of the thermometer with a soft, dry cloth - DO NOT use water, cleaning solutions or any other liquid. Never use an abrasive cleaner or submerge the body of the thermometer in water or any other liquids.

REPLACING THE BATTERY



Low Battery Warning:

Replace the battery when the low battery warning symbol "⎓" appears on the display. When the low battery symbol appears, the thermometer is still fully functional. When the "Lo" and "⎓" appear on the display you should defer using the thermometer until the battery has been replaced.

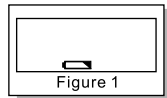


Figure 1

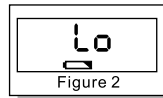


Figure 2

Battery Installation:

1. Using a small phillips head screwdriver, remove the screw from the battery lid and remove the lid.
2. Using a non-metal pointed tool, carefully dislodge the battery and remove.
3. Insert a new 3 Volt CR-2032 Lithium battery, with the positive (+) side facing up.
4. Place the lid back on and screw to secure.
5. Battery removal clears readings stored in memory.

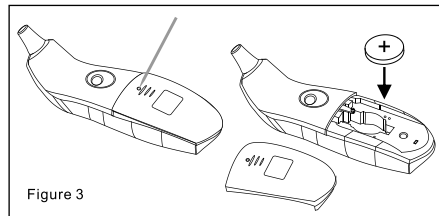


Figure 3

FREQUENTLY ASKED QUESTIONS



Q. Why do I get consistently low temperature readings?

- A.** The thermometer is not positioned properly in the ear. The tip of the thermometer must form a seal around the opening of the ear.

OR

- A.** The waterproof lens is dirty. Clean the lens with a soft, alcohol moistened cotton swab.

Q. Why is the reading taken in the right ear different from that taken in the left ear?

- A.** The temperature is roughly the same in both ears, but the values may differ because the shape and cleanliness of each ear is different. Also, the position of the thermometer can affect the reading.

Q. Can I use this thermometer to measure an animal's temperature?

- A.** No. This thermometer has been designed exclusively for human use. The UT-302 ear thermometer was programmed specifically for the human ear construction and human body temperature.

SPECIFICATIONS



Model:	UT-302	CE 0123
Dimensions:	2.2" x 1.75" x 6.2" 55.3 x 44.4 x 158.5mm	
Weight:	2.3 oz. (65.5 g)	
Sensor type:	Thermopile Sensor ST118	
Measuring range:	50°F - 122°F (10°C - 50°C)	
Measuring accuracy:	±0.4°F (0.2°C): From 96.8°F to 102.2°F (36°C - 39°C) ±0.5°F (0.3°C): Less than 96.8°F (36°C) or greater than 102.2°F (39°C)	
Display resolution:	0.1°F or °C	
Response time:	1.0 Second	
Memory function:	10 memory recall	
Thermometer tip:	Equipped with a waterproof lens. No lens cover is required.	
Automatic shut down:	The thermometer will automatically turn off after one minute of non-use.	
Power supply:	One 3 Volt CR-2032 Lithium battery	
Battery life:	Approximately 5,000 measurements	
Operating environment:	60.8°F - 95°F (16°C - 35°C) with relative humidity up to 95%	
Storage environment:	-4°F - 122°F (-20°C - 50°C) with relative humidity up to 95%	

TWO YEAR LIMITED WARRANTY



**Register your ear thermometer warranty online at
www.LifeSourceOnline.com**

Your LifeSource® UT-302 Ear Thermometer ("Product") is warranted to the original retail purchaser to be free from defects in material and workmanship, under normal use, for a period of 2 years from the date of purchase. This warranty does not cover failures resulting from misuse, abuse, alteration of the LifeSource UT-302 Ear Thermometer, use of improper components or failure to comply with the operating instructions.

To make a warranty claim, return the Product, freight prepaid and insured (or assume the risk of loss or damage during shipment) together with the proof of purchase (such as a sales receipt) to:

For USA residents
A&D Medical
A Division of A&D Engineering, Inc.
1756 Automation Parkway
San Jose, CA 95131
LifeSource Health Line (Toll-Free):
1-888-726-9966
www.LifeSourceOnline.com

For Canadian residents
Auto Control Medical
6695 Millcreek Drive, Unit 5
Mississauga, Ontario
L5N 5R8 Canada
Auto Control (Toll-Free):
1-800-461-0991
www.autocontrol.com

For returns in the USA, customers are asked to call A&D Medical for appropriate shipping costs (customers in Canada are asked to call Auto Control Medical at 1-800-461-0991). A&D Medical will either repair, or at its option, replace free of charge, any parts necessary to correct defects in material or workmanship covered by this limited warranty. Replacement parts may be new or refurbished. A&D Medical warrants any replaced or repaired product or part for sixty (60) days from shipment, or the remainder of the initial warranty period, whichever is longer. All Products or parts that are replaced become the property of A&D Medical. This warranty will not apply if the defect or malfunction results from: subjecting the Product to any but the specified voltage; modification, alteration or repairs of the Product by persons not authorized by A&D Medical, misuse, abuse, damage during transit or lack of reasonable care with respect to the Product; or failure to follow the written instructions enclosed with the Product. Responsibility for loss or damage does not transfer to A&D Medical until the returned item is received by A&D Medical.

CONTACT INFORMATION



Register your ear thermometer warranty online at
www.LifeSourceOnline.com

Our products are designed and manufactured using the latest scientific and technological methods, and offer accurate, easy to use, home monitoring and treatment options. Our full product line includes:

- **Digital Blood Pressure Monitors**
- **Manual Blood Pressure Kits**
- **Blood Pressure Cuffs**
- **Stethoscopes**
- **Personal Health Scales**
- **Digital Thermometers**
- **Wireless Health Monitoring Solutions**

This LifeSource ear thermometer is covered by a two year warranty. See page E-14 for details.

Visit our website at www.LifeSourceOnline.com
for warranty registration

For more information regarding use, care or servicing of your UT-302 ear thermometer, contact:

For USA residents
A&D Medical
A Division of A&D Engineering, Inc.
1756 Automation Parkway
San Jose, CA 95131
LifeSource Health Line (Toll-Free):
1-888-726-9966
www.LifeSourceOnline.com

For Canadian residents
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6695 Millcreek Drive, Unit 5
Mississauga, Ontario
L5N 5R8 Canada
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