

LifeSource[™]
Your source for a lifetime of health

Instant-Read

Ear Thermometer














AND
A&D Medical

Trilingual Instruction Guide – MODEL UT-202

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.



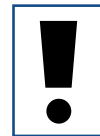
*Congratulations on your purchase of the **LifeSource** UT-202 Instant-Read Ear Thermometer. This easy to use thermometer offers a safe, accurate and quick way to take a temperature measurement through the ear. It is an especially convenient method of taking a child's temperature and perfect for adults too.*

A&D Medical has been manufacturing quality healthcare products for over 20 years. We are committed to providing you and your family with monitoring devices specifically designed for high accuracy and ease of use.

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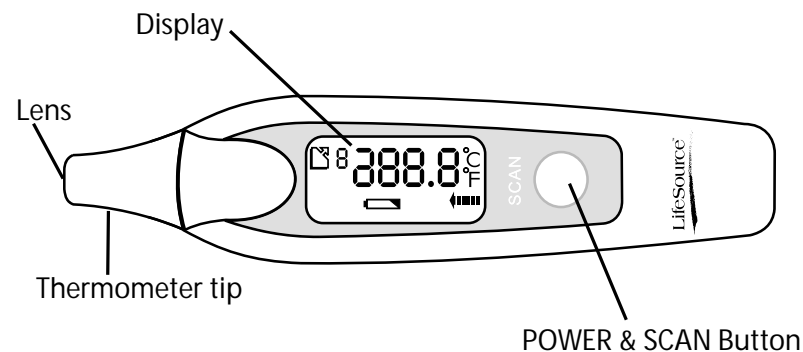
WHAT DISPLAY SYMBOLS MEAN

Display Symbol	Function/ Meaning	What to Do
	Ready Symbol	Thermometer is ready for measurement.
	Scanning sequence in progress	Release SCAN button to complete measurement
	Low battery warning	Replace battery
Lo	Temperature is out of measuring range (below 93.2° F/34° C)	Measure again. See "Taking your temperature" on page E-6.
Hi	Temperature is out of measuring range (above 122.0° F/50° C)	
Err	Operating temperature is out of range (60.8° F - 104.0° F/16° C - 40° C)	Leave the thermometer in a room with a stable temperature between 60.8° F - 104.0° F (16° C - 40° C) then measure again.
OFF	Thermometer will automatically power off after 1 minute of non-use	

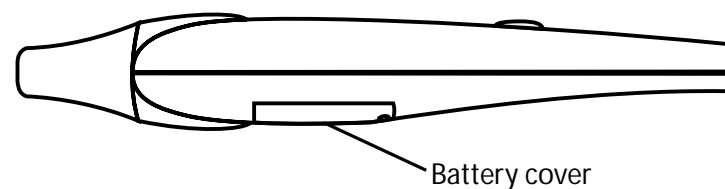
COMPONENTS



FRONT VIEW



SIDE VIEW



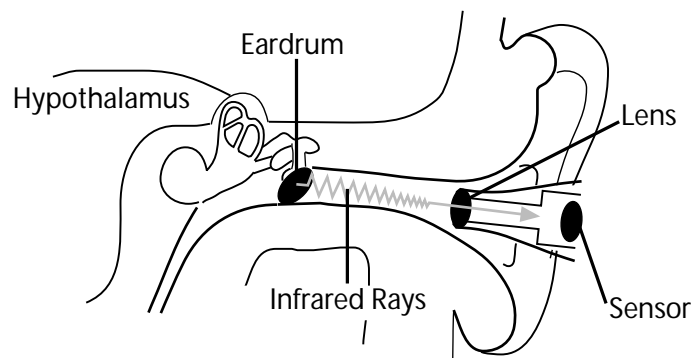
! HOW THE EAR THERMOMETER WORKS

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 - 104.0° F (16° C - 40° 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 - 104.0° F (16° - 40° 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.

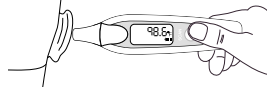
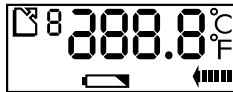
Record the normal temperature of each family member here:

_____	_____	_____
_____	_____	_____



TAKING YOUR TEMPERATURE

1. Make sure the lens is clean before measuring (lens can be cleaned with an alcohol moistened cotton swab).
2. Press the SCAN button for one second. The thermometer will power on and will perform a self test.
3. Once the self-test is complete the thermometer will beep, the last measurement taken will appear on the display. Thermometer is now ready for measurement.
4. Press and hold the SCAN button. Insert the thermometer tip gently into the ear.
5. Slowly move thermometer in a circular motion for 1-2 seconds (the thermometer is performing multiple scanning sequences within eardrum).
6. Release the SCAN button and wait for the beep. Remove thermometer from ear canal. The temperature is displayed.
7. To take another measurement, repeat steps 4–6. It is recommended you wait 5 seconds between measurements.
8. The thermometer will automatically power off after one minute of non-use.
9. Clean lens with an alcohol moistened cotton swab when finished.



SWITCHING THE UNIT OF MEASURE



To switch between Fahrenheit and Celsius, follow these steps:

While the unit is OFF:

1. Press and release the SCAN button to turn the unit ON
2. Wait for the display to show F° or C°
3. Before the last measurement is displayed, quickly press and release the SCAN button. You can now switch between F° and C°
4. The thermometer is ready to use when the Ready symbol (☑) is displayed. Follow steps #4-6 on page E-6.

CARE AND CLEANING

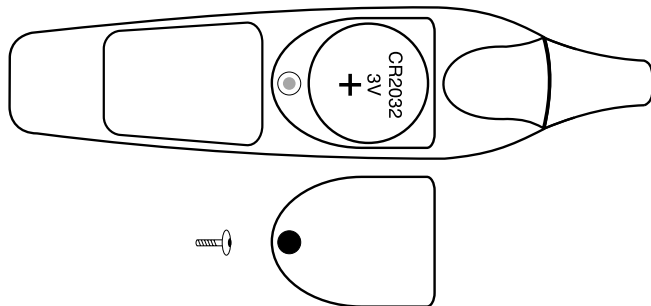
Clean the lens of the thermometer with a soft, alcohol moistened cotton swab after each use (**NOTE: only the tip of the thermometer is waterproof**). Clean the body of the thermometer with a soft, dry cloth - DO NOT use water, cleaning solutions or any other liquid. Never use an abrasive cleaner or submerge the body of the thermometer in water or any other liquids.

Do not expose the thermometer to extreme temperature, very high humidity, direct sunlight, vibration or shock. After cleaning, place the thermometer in the protective case and store it at room temperature.

■ Replacing the Battery

Replace the battery when the 'low battery' warning symbol appears on the display.

1. Using a small phillips head screwdriver, remove the screw from the battery lid.
2. Take off the lid and remove the battery.
3. Insert a new 3 Volt CR-2032 Lithium battery, positive side up.
4. Place the lid back on and screw to secure.



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-202 ear thermometer was programmed specifically for the human ear construction and human body temperature.



SPECIFICATIONS

Model	UT-202
Dimensions:	1.2 x 4.1" (3.0 x 11.8 cm)
Weight	1.2 oz. (36 g) including battery
Sensor type	Thermopile Sensor ST118
Measuring range	93.2° F – 109.4° F (34° C - 43° 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° C or F
Response time	1.0 second
Memory function	Displays the last taken temperature when powered-on.
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 – 104.0° F (16° C - 40° 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-202 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-202 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
Attn: Service Department
1555 McCandless Drive
Milpitas, CA 95035

For CANADA residents

Auto Control Medical Inc.
206A boul, Brunswick
Pointe-Claire, Quebec
H9R 5P9 Canada

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 1-800-463-5414). 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.

LifeSource Health Line (Toll-Free): 1-888-726-9966
In Canada (Toll-Free): 1-800-463-5414



CONTACT INFORMATION

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

- **Aneroid Blood Pressure Kits**
- **Blood Pressure Cuffs**
- **Digital Blood Pressure Monitors**
- **Digital Thermometers**
- **Nebulizers**
- **Heart Rate Monitors**
- **Personal Health Scales**
- **Stethoscopes**

Check out these products on the web at www.LifeSourceOnline.com

This **LifeSource** product is covered by a 2 year Limited Warranty. See page E-11 for details.

For more information regarding use, care or servicing of your Instant-Read Ear Thermometer, contact:

A&D Medical

A division of A&D Engineering, Inc.

1555 McCandless Drive

Milpitas, CA 95035

LifeSource Health Line (Toll-Free): 1-888-726-9966

www.LifeSourceOnline.com

For Canadian Residents, please contact:

Auto Control Medical

206A boul. Brunswick

Pointe-Claire, Quebec

H9R 5P9 Canada

Auto Control (Toll-Free): 1-800-463-5414

www.autocontrol.com

IMPORTANT!

If You Need Assistance with the Set-Up or Operation

We Can Help!

Please call us **FIRST** before contacting your retailer at

LifeSource Health Line

1-888-726-9966

Toll Free

1-800-463-5414

In Canada

A specially trained representative will assist you



A division of A&D Engineering, Inc.

1555 McCandless Drive

Milpitas, CA 95035

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I-MAN:202 Printed in China 1/03

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