

*One Second*  
**ILLUMINATOR**  
*Ear Thermometer*

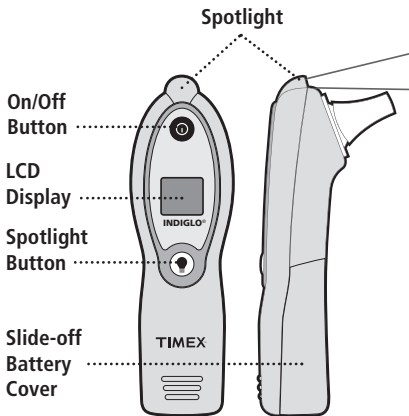
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## Introduction

Thank you for purchasing the TIMEX™ Illuminator Ear Thermometer. The TIMEX™ Illuminator Ear Thermometer was developed by three mothers who drew from their own experiences taking their families' temperatures. It has features intended to make temperature taking easier and more comfortable for the entire family.

- The TIMEX™ Illuminator is fast. It takes a person's temperature in one second.
- It is very comfortable. The unique swiveling probe makes it easier to position the thermometer properly within the ear.
- It is versatile. The TIMEX™ Illuminator has a spotlight and INDIGLO nightlight features that enables you to conveniently use the thermometer in the dark.



Also has a hard probe cover for storage (not shown)

- It is very accurate as it incorporates infra-red technology

However, improper use of the thermometer can lead to inaccurate readings. **It is very important that you read the directions carefully and follow all of the instructions.** After reading this booklet, please save it for future reference.

# General Information Regarding Taking Temperatures

## Why measure temperatures in the ear?

Clinical studies have shown that the ear is an excellent place for taking body temperature because ear temperature reflects the body's core temperature. The body's temperature is regulated by the hypothalamus, which shares the same blood supply as the ear drum. Changes in the core body temperature are usually seen sooner in the ear drum than other places, such as under arm or tongue or in the rectum.

The TIMEX™ Illuminator Ear Thermometer measures the thermal heat that is generated by the eardrum and surrounding tissue. To help ensure accuracy, 6 measurements are taken within one second and the average temperature is displayed.

## What is a Normal Temperature?

It depends on the individual. Some people may run slightly higher temperatures while others may run slightly lower temperatures. To determine a person's "baseline" temperature, measure it several times while they are healthy. Other factors such as climate and activity may also affect temperature.

Generally, a normal temperature is approximately 98.6 °F when taken orally (by mouth). Temperatures taken in the ear or in the rectum typically run 1° higher. Therefore, normal temperature in the ear is 99.6 °F. When discussing temperature information with your physician, it is important to tell your doctor the temperature taking method used. It is always advisable to consult with your physician if you have any questions regarding your health, including questions regarding your temperature.

# Safety

## Precautions during use

- The TIMEX™ Illuminator should only be used under the supervision of an adult.
- Gentle force should be used when inserting the probe into the ear. Excessive force may injure the ear canal or eardrum.
- Stand or sit still when taking a temperature. Do not run or walk.
- The TIMEX™ Illuminator should be used in a dry ear canal.
- Replace the probe cover with a new one each time the TIMEX™ Illuminator is used.

## When the TIMEX™ Illuminator is not in use

- The TIMEX™ Illuminator must be stored with the cap on at all times.
- Do not store in direct sunlight, dust or humidity,
- Avoid using or storing the Illuminator in extreme temperatures.
- Keep out of the reach of children.
- TIMEX™ Illuminator is not waterproof.

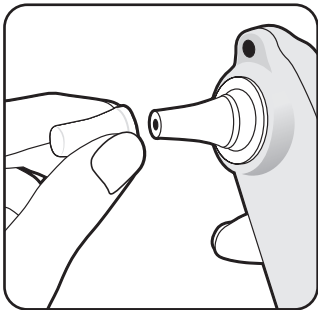
## Other Precautions

- Dropping, disassembly, repairing or remodeling the TIMEX™ Illuminator may void any warranty.
- The TIMEX™ Illuminator is designed to take a bodies temperature through the ear canal only. Any improper use may harm or damage the TIMEX™ Illuminator.

## How to Use the TIMEX™ Illuminator



### How to apply the probe cover:

1. Remove one probe cover from box using thumb and index finger. Make sure to pull the probe cover out of the box by the probe cover's collar ring.
2. Place the probe cover's open end onto the probe, pressing firmly until it is in a locked position at the bottom of the probe.



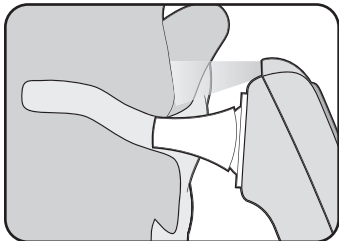
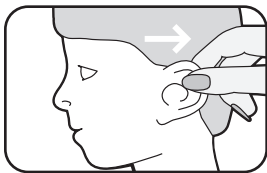
### How to take a measurement with the TIMEX™ Illuminator

*NOTE: The TIMEX™ Illuminator will turn off automatically when left idle for one minute.*

1. Always use a NEW, CLEAN probe cover.
2. Press and release the  button. The LCD will display the last temperature reading recorded
3. A beep will sound and the  icon will be displayed on the LCD screen indicating that the TIMEX™ Illuminator is ready for use.
4. Before placing the probe into the ear, it is important to pull the ear back slightly to straighten the ear canal. The method for straightening the ear canal varies by age. Please refer to the directions on the next page.

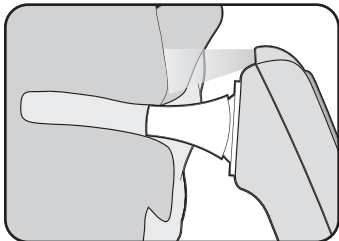
### Children under 1 year:


Pull the ear straight back





### Children aged 1 year to adult:


Pull the ear up and back




5. Fit the probe in the ear gently, but do not push too hard. Press the  button and release. After one second a beep will sound confirming that the measurement has been taken.

*NOTE: If the  button is pressed before the  icon is displayed, the TIMEX™ Illuminator will not start the measurement.*

6. Remove the probe from ear. The LCD will read the temperature measured.


7. To take another reading, wait for the  icon to appear.

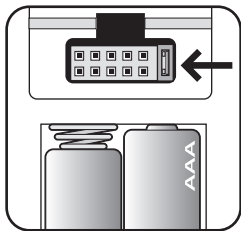
## Using the Spot Light Feature

When using the TIMEX™ Illuminator in the dark or in dim light, push the light  button to turn the spot light on/off. This will help find the ear and correctly position the probe in the ear canal. The spot light will auto shut off in 30 seconds, if not turned off.

## Change from Fahrenheit to Celsius


The TIMEX™ Illuminator allows for temperature to be displayed in F° (Fahrenheit) measurement. If you want to change to a C° (Celsius) display please consult the following instructions

1. Remove battery cover
2. Above the two AAA batteries is a small panel, to the right is a small black connector.
3. Use tweezers or needle nose pliers to remove the small black connector. Note: Save this in case you want to revert to F°
4. Replace battery cover.
5. Press the  to turn on unit.
6. The display should now show a C°.



*Pull black connector straight up. It has 2 pins that stick into holes of the base.*

### To change back to F°

1. Complete steps 1 thru 3.
2. Place connector on BOTH of the pins, no pins should be exposed.
3. Press the  to turn on unit, the display should now show an F°.

# Care and Storage

## 1. General

- Clean off dirt from the main body with a clean, soft and dry cloth.
- Do not clean the main body with water or an abrasive cleaner or solvents.
- After each use, clean the thermometer and store it with the probe cap on.

## 2. Batteries

- Replace with new batteries if the low battery indicator flashes during use. (Refer to page 9 for replacement of new batteries).
- Remove the batteries if the TIMEX™ Illuminator is not going to be used for an extended period of time.

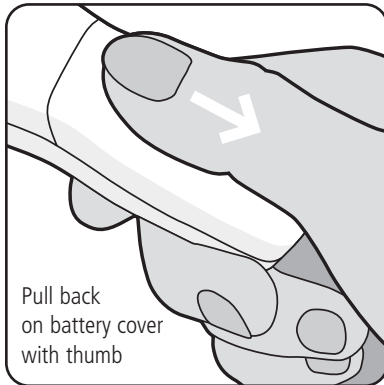
## 3. Probe

- To clean the probe's surface, use a cotton swab that has been slightly moistened with water. Immediately dry the probe with a clean cotton swab. After cleaning, allow at least 5 minutes to dry before using the TIMEX™ Illuminator again.
- Do not clean the probe with a paper towel as it may contain glass fiber, which may damage the probe lens tip.
- To assure a high level of accuracy, it is very important to keep the probe clean and dry. Fingerprints, earwax, dust and other soiling compounds reduce the transparency of the window and could result in lower temperature readings.

- Avoid touching the probe tip except when cleaning is required.
- As the probe is the most sensitive and delicate part of the TIMEX™ Illuminator, it is very important to ensure that a probe cover is always on the probe to protect it from dirt or damage.

## Battery Replacement


- Your TIMEX™ Illuminator requires 2 "AAA" batteries.
- To insert, remove the battery cover by sliding it away from the probe.
- Remove the old batteries.
- Place the new batteries in the battery compartment, making sure that they are positioned correctly according to the polarities indicated on the battery compartment.



**CAUTION:** Please remove the batteries if the product will not be used for a long period of time to prevent any damage.



## Troubleshooting

If you encounter problems with the operation of your ear thermometer, please check the following points:

| Conditions   | Possible Cause  |
|--|---|
| Nothing is displayed after ON Button is pressed  | Batteries may be worn out, replace with new batteries.  |
|  | Batteries may not be placed in the correct polarities. Place batteries according to the polarities. |
|  Sign is displayed | Low battery signal. Replace with new batteries.   |
| Measurement cannot be made or abnormal value is displayed  | Tip of probe may be dirty, clean the probe.   |
|  | Probe cover may be torn or dirty, replace with new probe cover.                                     |
|  | Probe cover may be attached incorrectly, reattach probe cover.                                      |
|  | Excessive earwax in ear canal.  |
|  | Probe may be inserted incorrectly, remove probe and reinsert.                                       |
| ( ? ) is displayed   | There may be a short circuit, contact customer service 1.800.422.0360                               |
|  | The operating temperature has exceeded the specific range. (See page 12 ).                          |

## Conditions

## Possible Cause

|  |  |
|--|--|
| Measurement will not start after pressing the button | Measurement is made when the measure ready  sign is not displayed. Measure AFTER the measure ready  sign is displayed. |
| Measured result is "H" or "L"                        | "H" is displayed when the body temperature is more than 107.6°F (42°C)<br>"L" is displayed when the body temperature is less than 89.6°F (32°C)  |

If you still have any questions after using the above chart, call us at 1-800-422-0360 from 8 a.m. – 8 p.m. eastern standard time.

## Warranty

Your TIMEX™ Illuminator Ear Thermometer is a durable and precise medical device. MEDport, LLC takes pride in the quality and workmanship crafted into every product we make. Accordingly, MEDport, LLC will repair or replace at our option any product that is defective in material or workmanship for three years. This warranty does not cover batteries or damage caused by accident, negligence or improper care.

Product should be returned to MEDport, LLC, postage prepaid with proof of purchase and an explanation of the problem. If you follow these instructions, the TIMEX™ Illuminator Ear Thermometer should last for years. However, if for any reason you are not satisfied, call our toll-free customer service line: 1.800.422.0360.

Hours of operation are Monday – Friday 8:00 a.m. – 8:00 p.m. EST.

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INDIGLO is a trademark of Indiglo Corporation  
US and Foreign patents pending

## Specifications

|                        |  |
|------------------------|--|
| Product Name:          | TIMEX™ Illuminator Ear Thermometer           |
| Model Number:          | 80010  |
| Safety Probe:          | 360° Rotation                                |
| Measurement Range:     | 89.9 °F ~ 107.6 °F (32° C ~ 42 °C)           |
| Temperature Scales:    | F or C                                       |
| Display Resolution:    | .1 °F or 1 °C                                |
| Display Mode:          | Ear  |
| Measurement Time:      | One second                                   |
| Auto Shut-Off Time:    | One minute after measurement reading         |
| Memory Recall:         | Last temperature                             |
| Display:               | 4 Digit LCD display with INDIGLO® nightlight |
| Operating Temperature: | 41°F ~ 104 °F (5. °C ~ 40 °C)                |
| Humidity:              | 10% to 80% RH                                |
| Battery Type:          | 2 x 1.5V (AAA)                               |
| Product Dimensions:    | 5.5" x 1.75" x 2.25"                         |
| Weight:                |  |
| Probe Cover:           | Replaceable Probe Covers                     |

***Boxes of 40 Probe Covers available at pharmacies nationwide***

***Call 1-800-422-0360 for a location near you or to order directly.***