



Forehead Infrared Thermometer

Model 09-347



Please read this instruction manual completely before operating this unit.

INSTRUCTION MANUAL • ENGLISH & ESPAÑOL

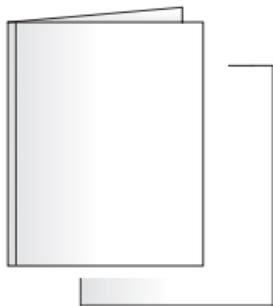
STOP!
PLEASE ENSURE YOU HAVE ALL OF THE
FOLLOWING COMPONENTS BEFORE
USING YOUR TOUCH FREE INFRARED
THERMOMETER



Thermometer



2 AAA Batteries



Instruction Manual
Quick Start Guide

**IF YOU ARE MISSING ANY PARTS,
INCLUDING INSERTS OR INSTRUCTION
MANUALS, DO NOT RETURN TO PLACE OF
PURCHASE. CONTACT CUSTOMER CARE AT
866-326-1313.**

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Toll-Free Customer Care Help Line:

1-866-326-1313

Monday – Friday 8:30 a.m. – 4:30 p.m. CST

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INTRODUCTION

Thank you for purchasing this Forehead Infrared Thermometer. Please read this instruction manual completely before using your unit to ensure safe use, accurate results and long life of the thermometer.

This product is intended for household use; this product is not intended to diagnose or treat any health problem or disease and should not be used as a substitute for the consultation and advice of a physician or other medical professional. Thermometers should only be used under the supervision of an adult.

The infrared technology used in this thermometer takes the temperature of people and objects without any physical contact between the thermometer and the person or object. The thermometer measures body temperature from approximately 0.5" – 1" from the forehead, making it less invasive and threatening than other thermometers, as well as more sanitary. It can even be used when the patient is sleeping. This thermometer also measures the temperature of objects and liquids, making it useful for determining if a baby's milk or bathwater is ready.

All people and objects emit infrared energy. The Touch Free Infrared Thermometer measures that energy, taking 512 readings in one second and converting those data to a single peak temperature, which appears on the display. With proper care, your new thermometer will provide your entire family with many years of safe, accurate and comfortable temperature readings.

BODY TEMPERATURE AND FEVER

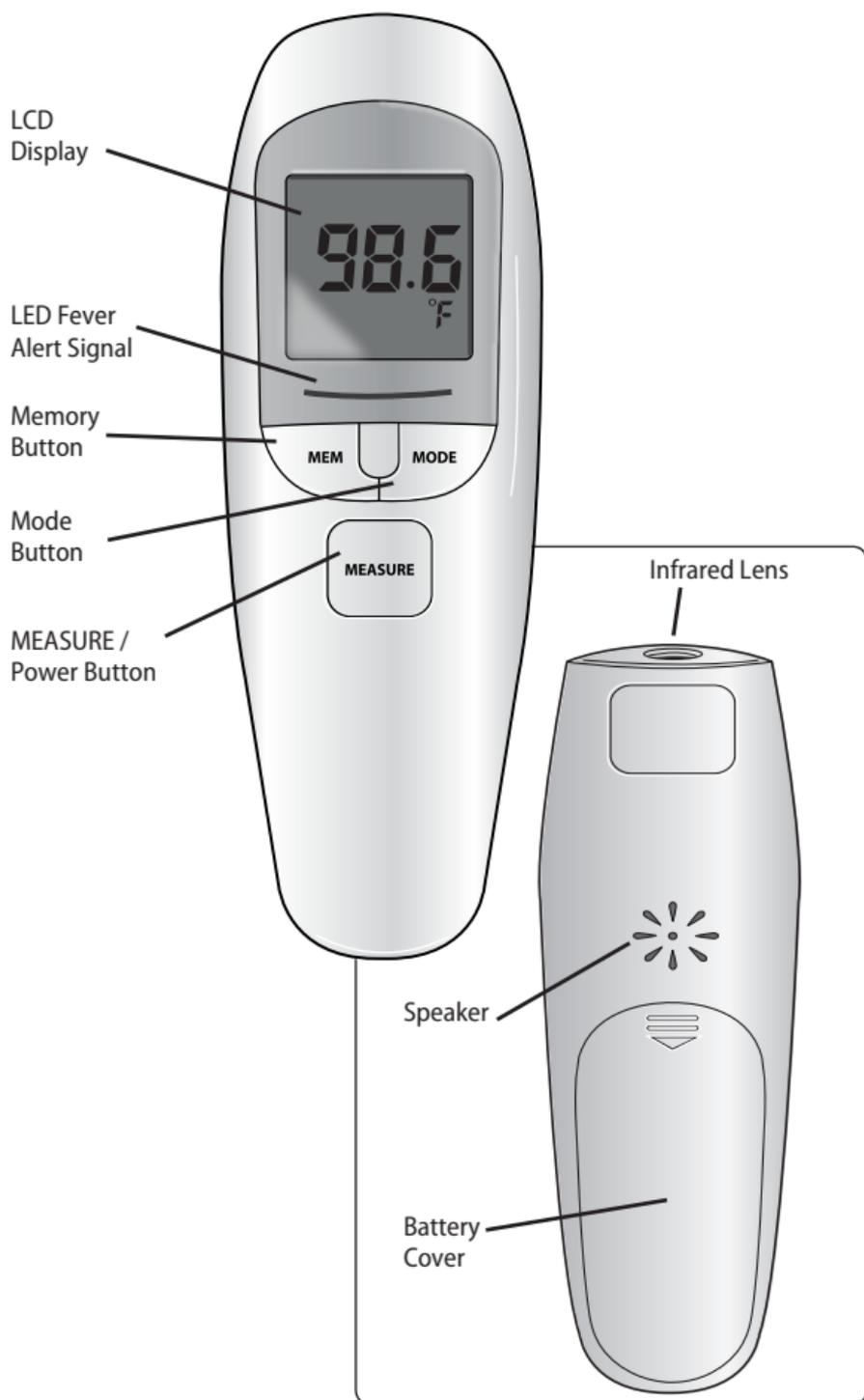
Body temperature can vary from 97°F(36.1°C) and 99°F(37.2°C) and still be considered normal. The medically accepted 'normal' body temperature is 98.6°F(37°C). Body temperature is commonly lower upon waking than at any point during the rest of an individual's active hours.

A fever is defined as a body temperature that is elevated above the normal for that person. It is important to determine what is normal for an individual before determining if a fever is present. Tracking an individual's temperature on a consistent basis, at the same body site and at the same time every day will help determine an individual's normal temperature.

TIPS FOR MEASURING BODY TEMPERATURE

- Wait at least one minute between consecutive readings, to ensure accuracy.
- Attempting to take temperature readings from sites on the body other than the forehead may produce inaccurate results.
- The patient should remain still while the reading is being taken.
- If "Lo," "Hi," "Err," or another error message appears, see the Troubleshooting section of this manual for instructions on how to resolve the problem.
- Infrared forehead temperature readings are equivalent to oral temperature readings.
- Readings taken while asleep should not be compared directly to readings taken while awake, as body temperature while asleep is typically lower.
- Do not take body temperature readings within 30 minutes of being outdoors, exercising or bathing.
- Level of activity, time of day, and other factors may affect body temperature. Keep records of your individual body temperature to use as a reference when judging a fever.

PRODUCT FEATURES



DISPLAY SYMBOLS

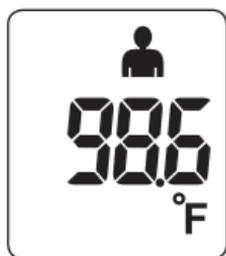
	Measurement in progress
°F / °C	Degrees Fahrenheit Degrees Celsius
	Person measurement mode
	Object measurement mode
	Night measurement mode
	Temperature normal; below 100.4° F (38.0° C); person mode only
	Fever alert; temperature above 100.4° F (38.0° C); person mode only
	Low battery
	Memory recall

MEASUREMENT MODES- DEFINITION & USE

The Forehead Infrared Thermometer offers a selection of settings for use in the day or night and for person or object measurements.

To toggle between modes:

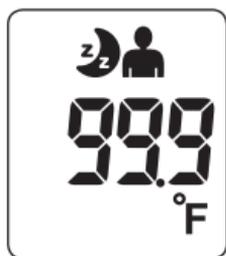
1. Press the **MEASURE** button to turn the thermometer on. The device will default the last mode used.
2. Press and release the **MODE** button to toggle through the four measurement options.



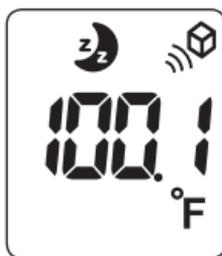
Person Mode



Object Mode



Person Mode/
Night Mode



Object Mode/
Night Mode

MEASURING BODY TEMPERATURE

To measure body temperature using your Forehead Infrared Thermometer, follow the below steps.

NOTE: See page 8 of this manual for more information on the Definition and Use of the Measurement Modes.

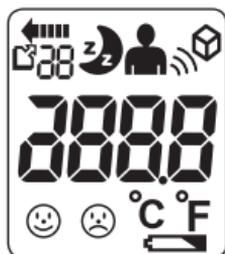


Fig. 1

1. Press and release the **MEASURE** button to turn the thermometer on. The unit will run a self-test and all symbols on the display will momentarily appear, Fig. 1.
2. The unit will beep twice and the display will show two solid dashes. — —
3. Aim the infrared lens at the individual's forehead, holding the thermometer approximately 0.5" – 1.0" away, Fig. 2.
4. Press and release the **MEASURE** button. The display will briefly show the mode, two dashes and a left facing arrow, Fig. 3.
The thermometer will emit a single beep and the temperature reading will be displayed, Fig. 4.
5. If the temperature measurement is below 100.4° F, a happy face will be appear next to the reading. If the reading is 100.4° F or above, a sad face will be displayed and the red light will illuminate just below the display.
6. After 30-seconds of non-use, the thermometer will automatically beep and shut off.



Fig. 2

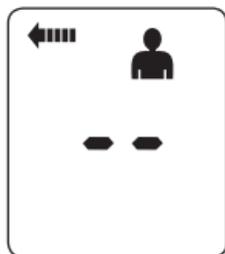


Fig. 3



Fig. 4

MEASURING OBJECT/LIQUID TEMPERATURE

The Touch Free Infrared Thermometer can measure objects and liquids from 32°F to 212°F (0°C - 100°C). To measure the temperature of an object or liquid using your Touch Free Infrared Thermometer, follow these steps:

NOTE: See page 8 of this manual for more information on the Definition and Use of the Measurement Modes.

1. Press the **MEASURE** button to turn the thermometer on. The unit will run a self-test and all symbols on the display will momentarily appear, Fig. 1.
2. The unit will beep twice and the display will show two solid dashes. Aim the infrared lens at the object being measured, holding the thermometer approximately 0.5" – 1.0" away, Fig. 2.
3. Press and release the **MEASURE** button. The display will briefly show the mode, two dashes and a left facing arrow, Fig. 3. The thermometer will emit a single beep and the temperature reading will be displayed, Fig. 4.
4. After 30-seconds of non-use, the thermometer will automatically beep and shut off.



Fig. 1



Fig. 3

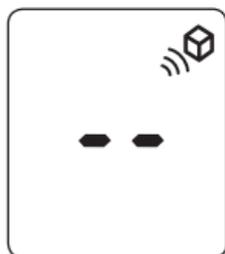


Fig. 2



Fig. 4

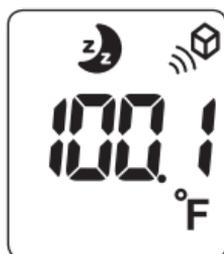
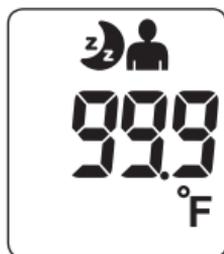
SETTING NIGHT/SLEEPING MODE (NO AUDIO BEEPING)



Night Mode is a convenient way to conduct measurements without an audible beep indicating the thermometer has powered on or a measurement is complete.

To toggle between modes:

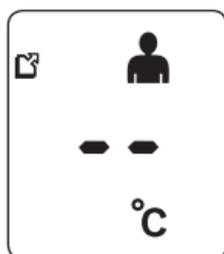
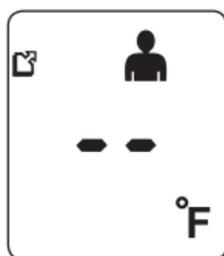
1. Press the **MEASURE** button to turn the thermometer on. The device will default to the last mode used.
2. Press and release the **MODE** button to toggle through the four measurement options.



SWITCHING BETWEEN °F / °C

Your thermometer can display results in either degrees Fahrenheit (°F) or degrees Celsius (°C).

To switch between Fahrenheit and Celsius, while the unit is on press and hold both the **MEM** and the **MODE** buttons until the °F icon on the display switches to the °C icon, or vice versa, at which time the mode has been changed and you may release the buttons.



RECALLING AND CLEARING READINGS

Your Forehead Infrared Thermometer automatically stores the last 30 readings taken. To view the readings stored in memory, follow these steps:

1. Press the **MEASURE** button to turn the thermometer on.
2. Press the Memory button (marked, "**MEM**") to recall the most recent measurement, Fig. 1.

The unit will beep each time the **MEM** button is pushed as the measurements are reviewed. If the device is in 'Night' mode, the unit will not emit a beep.

3. Press and release the **MEM** button scroll through the readings from newest to oldest. The index number in the upper left of the display indicates the sequential number of the stored reading on the screen, Fig. 2.

After 30 measurements have been stored in the memory, the oldest reading will be automatically deleted.

To clear all records from the memory, hold the **MEM** button down until you hear a beep and two dashes appear on the display, Fig 3.



Fig. 1



Fig. 2

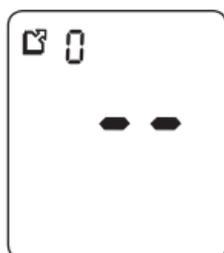


Fig. 3

REPLACING BATTERY

When the battery power becomes low, the low battery symbol will appear on the display. The thermometer can still be used during this time, but the batteries should be replaced as soon as possible.



If the batteries run out completely, "Lo" will be displayed along with the low battery symbol. In this case, the batteries will need to be replaced before using the thermometer again.

The batteries used in the Touch Free Infrared Thermometer are two AAA batteries. Either rechargeable or non-rechargeable batteries can be used in the thermometer. To replace the batteries, follow these steps:

1. Slide the battery cover off.
2. Carefully remove the old batteries. Do not use a metal-pointed tool.
3. Insert the new batteries, ensuring that the positive and negative ends are aligned correctly.
4. Replace the battery cover.
5. Dispose of the expired batteries in accordance with local environmental policies.



CARE AND SAFETY INFORMATION

Improper care or use of your thermometer may result in injury, damage to the unit or inaccurate readings, which can lead to a misdiagnosed fever. Following these instructions will ensure the thermometer's accuracy and long life.

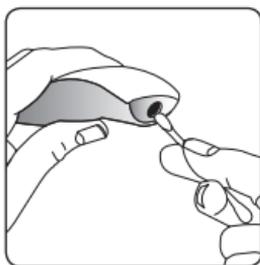
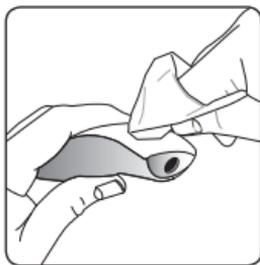
- Never allow the thermometer to be used without adult supervision.
- The infrared technology used in this thermometer is safe and is not harmful in any way. However, we recommend avoiding looking into the lens during use.
- Clean the lens before and after each use.
- Do not touch the lens with fingers.
- Dropping the thermometer or causing other heavy impact may damage it.
- Do not store the thermometer in direct sunlight, dusty or humid environments, or extreme temperatures.
- Do not disassemble the thermometer or attempt to repair it.
- If a reading cannot be taken, and the troubleshooting steps do not fix the problem, the thermometer must be replaced.

CLEANING AND STORAGE

The lens should be cleaned before and after each use, to eliminate dirt and fingerprints and ensure the accuracy of your readings. Proper storage will prevent degradation and damage to the unit.

CLEANING:

- An alcohol swab, or a soft cotton cloth moistened with 70% isopropyl alcohol, should be used to gently cleanse the lens. Do not use water to wash the thermometer.
- The body of the thermometer can be cleaned with a soft, dry cloth.
- Never use a paper towel to clean the probe tip, as it may scratch the lens.
- Do not immerse the thermometer or allow liquid to enter the casing.
- Do not use cleaning agents other than alcohol to clean the thermometer; abrasives, thinners or gasoline will damage the unit.



STORAGE:

- Store the unit in an area away from sunlight, dust and humidity.
- Protect the thermometer from mechanical shock or heavy impact.
- Avoid extended exposure to extreme temperatures. The thermometer should be stored in an environment between -4°F and 122°F (-20°C — 50°C), and with relative humidity of 95% or lower.
- Remove the batteries during extended storage.

TROUBLE SHOOTING

Performance may be degraded should one or more of the following occur:

- Operation outside stated temperature and humidity range
- Storage outside state temperature and humidity range
- Mechanical shock
- Patient temperature is below ambient temperature

The following chart indicates error messages that may appear on your display, why they appear, and how you may solve the problem.

Error Symbol	Problem or Cause	Solution
	Low battery	Replace battery before using thermometer again
 (blank display)	Unit turned off or battery problem	Press Power button to activate unit. Check battery type or polarity (position in the unit). Replace battery.
	Temperature measurement is below typical temperature range	Reposition the thermometer and try again.
	Temperature measurement is above typical temperature range	Reposition the thermometer and try again.
	Ambient air temperature is outside of the acceptable operating range (60.8° F - 104° F or 16° C - 40° C).	Wait 45 minutes to stabilize the unit, then use the thermometer in an environment within the permissible temperature range.

DEVICE & LABEL SYMBOLS

These symbols may appear on your device, instructions or packaging and may vary by make and model.

Symbol	Meaning
	Read This Manual—All included manuals should be read prior to first use
	Warning—Symbol indicates a warning, prohibition or mandatory action that mitigates a risk that is not necessarily obvious to the device operator
	Type BF Applied Parts—Indicates that a part of this unit comes in contact with the patient in order to carry out it's intended function; in the case of this device the cuff is the Type BF Applied Part
	Environment Protection—dispose of this product properly; consult with your local recycling ordinances for proper recycling and disposal
	Manufacturer—This symbol indicates the date of manufacture

FCC STATEMENT

IMPORTANT INFORMATION REQUIRED BY THE FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference; and (2) this device must accept any interference received, including interference that may cause undesirable operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

SPECIFICATIONS

Name	Forehead Infrared Thermometer
Model Number	09-347
Display System	Liquid Crystal Display with 0.1° F (0.1° C) resolution
Measuring Range	Human body: 93.2°F – 109.4°F (34° C – 43° C) Object: 32.0°F – 212.0°F (0° C – 100° C)
Accuracy	Human body: 96.8°F – 102.2°F (36°C – 39°C) ±0.2°F; outside of range ±.3°F Object: ≤20°F: ±1°C; >20°F: ±5%
Memory	Automatically stores up to 30 readings.
Tone	Two short beeps sounds when the unit is turned on. Thermometer beeps once for each memory recall and when unit automatically turns off. Device does NOT beep when in Night Mode.
Operating Temperature	60.8° F to 104.0° F (16.0° C to 40.0° C) with relative humidity up to 95% (non condensing)
Storage Temperature	-4.0° F to 122° F (-20.0° C to 50.0° C with relative humidity up to 95% (non condensing)
Shut-Off	Powered-off automatically after every 30 seconds of non-use
Battery	2 – 1.5v alkaline AAA size
Unit Dimensions	4-3/4" (L) x 2" (W) x 2" (H) (123mm x 50.5mm x 49mm)
Weight	4.27 ounces (80 grams) with battery
Accessories	Instruction Manual, Quick Start Guide, two AAA size batteries
ASTM	E1965–98

Specifications are subject to change without notice.

THREE-YEAR LIMITED WARRANTY

The warrantor guarantees that its Forehead Infrared Thermometer will be free from manufacturing defects for a period of three years from the date of purchase. This warranty does not cover batteries or other power sources that may be provided with or used with the Touch Free Infrared Thermometer. This warranty is voided if the Touch Free Infrared Thermometer is misused or abused in any manner.

If the Touch Free Infrared Thermometer fails to operate during the time the original purchaser owns it, return it postage prepaid to: **Attn: Repair Department, 1175 Lakeside Drive, Gurnee, IL, 60031**. When returning a product, please also include your name, address, phone number and brief description of the specific problem with your unit. Take care to carefully package the product to avoid any damage that may occur while in transit; shipping insurance with returned receipt is recommended. The warrantor will repair or replace the defective unit at our option. Repair or replacement of the defective unit, at the warrantor's option, is the sole remedy under this warranty.

ANY IMPLIED WARRANTIES WHICH THE PURCHASER MAY HAVE ARE LIMITED IN DURATION TO THE TIME THAT THE ORIGINAL CONSUMER PURCHASER OWNS THE PRODUCT. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This warranty constitutes the warrantor's only responsibility and obligation to repair and/or replace materials or components, or refund the purchase price. The warrantor will not be responsible for any indirect, incidental, special consequential or punitive damages or other loss, including, but not limited to damage to or loss of other property or liable to the purchaser for any amount in excess of the cost of repair and/or replacement of the unit, or the purchaser for any amount in excess of the cost of repair and/or replacement of the unit, or the purchase price of the unit. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.