# DISPLAY INDICATORS AND TROUBLESHOOTING

# KEY TO SYMBOLS

LED INDICATOR	STATUS		WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury
Full display	Shows during boot-up and in self-test mode		CAUTION indicates a hazardous situation which, if not avoided, may result in minor or moderate injury
Standby (display reads "For F")	Indicates thermometer is in standby mode		NOTICE addresses practices not related to per- sonal injuries, such as product and/or property damage
Н	"High": The measured temperature exceeds the measurement range	Ŕ	Type BF
L	"Low": The measured temperature is lower than the measurement range	X	Do not dispose of this product in municipal waste. Collection of such waste separately for special treatment is necessary
EH	The ambient temperature is too high to get an	⊗	Refer to instruction manual/booklet
FI	accurate reading	IP22	Degree of protection against harmful ingress of particulate matter and water
	The ambient temperature is too low to get an accurate reading		Manufacturer
Err	Make sure the thermometer has been in the location you will take the persons tem- perature measurement for at least 30 minutes .Do not place under fan,cooler or heater ,for example. Do not exceeding operating ambient temperature .	SN	Serial number
		Ť	The package should be protected from rain
		Ţ	The package contains fragile products; please handle with care
		<u>11</u>	Transport package should be upright
Display shows LoL, flashes for 15 seconds, then turns off	Low battery	5	The maximum stacking layer of the same package; 5 means the layer limit

#### CLASSIFICATION

Internally powered equipment

- Type BF applied part: Probe
- IP22
- Not category AP / APG equipment

Mode of operation: continuous operation

Product name:	Thermometer	
Model No.	TE-91	
Measurement range:	32.0°C ~ 43.0°C (89.6°F ~ 109.4°F)	
Resolution:	0.1°C/0.1°F	
Unit:	°C/°F (default unit is °C)	
Measurement time:	1S	
Interval measurement time:	3S	
Operating voltage:	DC 3.0V	
Low battery parameters:	2.6±0.15V	
Working current:	<60ma	
Standby current:	<25uA	
Working environment:	Temperature: 10°C ~ 40°C Relative humidity: ≤80% RH	
Storage environment:	Temperature: -20°C ~ +55°C Relative humidity: ≤93% RH	
Battery:	2x AAA	
AExpected service life:	Five years from the date of production	

PRODUCT SPECIFICATIONS

# LIMITED THREE-YEAR WARRANTY (CANADA ONLY)

Conair will repair or replace (at our option) your unit free of charge for 36 months from the date of purchase if the appliance is defective in workmanship or materials To obtain service under this warranty, return the defective product to the service centre listed below, together with your purchase receipt. In the absence of a purchase receipt, the warranty period shall be 36 months from the date of manufacture.

ANY IMPLIED WARRANTIES. OBLIGATIONS. OR LI-ABILITIES. INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED IN DURATION TO THE 36 MONTH DURATION OF THIS WRITTEN. LIMITED WARRANTY.

IN NO EVENT SHALL CONAIR BE LIABLE FOR ANY SPECIAL. INCIDENTAL. OR CONSEQUENTIAL DA-MAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER

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

#### Belter model number TE-91

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# **SERVICE CENTRE :** CONAIR CONSUMER PRODUCTS ULC

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#### INFRARED THERMOMETER



# HAVE A QUESTION?

Please do not return this product to the retailer.

## **CALL US FIRST!**

Our customer service and product experts are ready to answer ALL your questions. Please call our TOLL-FREE customer service number at :

1-855-926-6247

Or visit us online at www.conaircanada.ca



Model ITH91C

Thank you for purchasing the ConairCare Infrared Forehead Thermometer (ITH91C). This product features the latest technology and has been tested according to international medical device standards, for home and professional use. The thermometer's unique technology enables stable and accurate measurements every time. This product is designed specifically to monitor body temperature for use at home or in clinical settings.

Please read the instruction manual carefully and keep it in a safe place for reference.

# INDICATIONS FOR USE

The ITH91C is a non-sterile, reusable, clinical electronic thermometer using an infrared sensor to detect human body temperature on people of all ages for home and professional use.

NOT RECOMMENDED FOR USE ON CHILDREN UNDER 2 YEARS OF AGE.

# WARNINGS & PRECAUTIONS

Never use the thermometer for purposes other than those it has been intended for.

The use of this thermometer is not intended as a substitute for a consultation with your healthcare provider. If you are concerned about your health, please see your physician. Elevated temperature may signal a serious illness, especially in older individuals, people with compromised immune systems, and infants.

In order to properly diagnose an elevated temperature, it is important to know an individual's normal body temperature. We suggest taking several readings when the person is healthy, to set a baseline for their normal temperature.

Infrared thermometers cannot be used to diagnose COVID-19 or other illnesses. Infrared thermometers can identify individuals with higher than average body temperatures compared to a sample population. Only a medical professional can determine whether an individual is experiencing an abnormal medical condition or illness.

Note that an abnormal medical condition may be present even when an individual does not show a

fever. When in doubt, consult your physician.

Follow general safety guidelines when using this thermometer on children. Do not allow children to take their temperature unattended. This is not a toy. Keep sensor cover (cap) away from children. Do not use this thermometer on children less than 2 years of age.

Do not immerse this thermometer in water or other liquids. Follow the instructions in the "Cleaning and Maintenance" section to clean and disinfect the thermometer

The device is made of precision parts. Do not dismantle, re-assemble or modify the thermometer in any way. Do not drop the thermometer and protect it from strong impacts.

Do not use this thermometer if the sensor is broken. If the device is broken, do not attempt to repair it yourself. Contact the customer service center.

Do not use this thermometer in the presence of flammable anesthetic mixtures with air or with oxygen or nitrous oxide.

# CAUTION

Keep the device away from direct sunlight. Store in a dry and dust-free environment, ideally within a storage temperature range of  $4^{\circ}$ F to  $131^{\circ}$ F (-20°C to 55°C).

Before taking temperature readings, please make sure the sensor surface is clean. If there is visible dust or dirt, you may clean the surface with a cotton swab dipped in rubbing alcohol before using the device. After cleaning the sensor head with alcohol, it is recommended to leave the device for a few minutes until the alcohol evaporate and the sensor head returns to its normal temperature. We suggest cleaning the thermometer sensor after each use, to ensure measurement accuracy and to avoid potential cross-contamination.

To make sure the measurement result is accurate, wait at least 30 seconds after each measurement before you measure again.

Because babies are slower at adapting to temperature

changes in the environment, if drastic temperature changes are observed, it is best to wait a few minutes in the same environment, until the baby's body temperature becomes stable, before taking any temperature readings to ensure the most accurate results.

It is recommended to take 3 temperature readings and reference the highest recorded measurement for babies between 2 years to 3 years of age, or for firsttime users of the device.

Do not add a protective sleeve to the sensor, as that may affect the accuracy of the measurement.

The device requires no calibration.

Remove batteries if the equipment is not likely to be used for some time.

The user must check that the equipment functions safely and see that it is in proper working condition before use.

Do not operate the product out of operating conditions or out of the operating temperature range, as it may cause measurement value anomalies or malfunction.

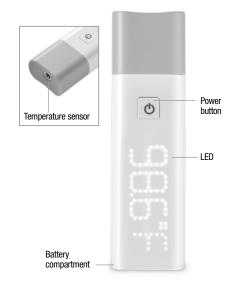
# HOW THE THERMOMETER WORKS

This thermometer detects infrared energy radiated from the skin and tissue of the forehead. This thermometer has been tested and proven to be safe and accurate when used as directed in this instruction manual. This device has settings that alert you to a temperature above normal.

Normal temperature varies from person to person, by age, and even by time of day and activity. It is best to establish a "normal" temperature range for each user of the thermometer while the person is feeling well. We suggest taking readings in the morning and in the late afternoon, and averaging them to get a "normal" temperature. Record that temperatures o you can use it to compare against temperatures measured for that person when they are not feeling well. Note that normal body temperatures tend to decrease with age. The ConairCare Thermometer features a temperature alert setting: It will vibrate to alert you to a low-grade and also to a high-grade fever.

Generally, temperatures in the range of  $96.4^{\circ}F - 99.4^{\circ}F$  ( $35.8^{\circ}C - 37.4^{\circ}C$ ) are considered normal; a temperatures between  $99.5^{\circ}F - 101.3^{\circ}F$  ( $37.5^{\circ}C - 38.5^{\circ}C$ ) are considered a light fever and temperatures over  $101.3^{\circ}F$  ( $38.5^{\circ}C$ ) are considered a high-grade fever.

#### **GETTING TO KNOW YOUR THERMOMETER**



# SETTING UP YOUR THERMOMETER

Push the power button on the thermometer to turn on the device. If the thermometer display does not light up, open the battery door on the bottom of the handle and make sure the batteries are correctly installed with respect to polarity. Close the battery door and press the button again. The display will light up.

#### Selecting temperature units

With the thermometer turned off, press and hold the power button for 5 seconds. The thermometer will display ---  $^{\circ}$ C. Then press the power button again to switch to  $^{\circ}$ F.

### BEFORE TAKING A TEMPERATURE READING

Clean the skin of the forehead and make sure the area is free of hair, sweat, lotion or makeup.

Wait at least 30 minutes after strenuous exercise to take your temperature.

Take the temperature in a room that does not have significant changes in airflow, such as a room with large fans and air conditioners. Do not take your temperature near heat sources, such as radiators or heat registers.

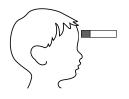
The body's temperature adapts to the environment. Allow at least 20 minutes to adjust to room temperature if a person is entering a room that is significantly warmer or cooler than the room they were in previously.

# MEASURING FOREHEAD TEMPERATURE

Simply press the power button to turn on the device. After about 2 seconds, the dot matrix screen displays "FOR" and the previously chosen unit of temperature (F or C).

To take the temperature, gently touch the user's forehead with the front of the cap: Aim at the center of the forehead, between and slightly above the eyebrows.

Press the power button. The thermometer will vibrate gently to indicate that the measurement is complete, and the temperature will display on the thermometer. The device will automatically shut down after 30 seconds.



# FEVER ALERTS

When the measured temperature exceeds a preset level, the thermometer will vibrate to alert you to a fever.

### 1. Low-level fever

When a low-level fever is detected (99.0°F-99.3°F or 37.2°C-37.4°C), the thermometer will vibrate twice, with the display flashing at 1-second intervals.

## 2. High-level fever

When a higher-grade fever is detected (99.5°F/37.5°C or above), the device will vibrate three times, with the display flashing at half-second intervals.

# STORED READING RECALL

Turn the device on. With the thermometer in standby mode (display shows "FOR"), press and hold the power button for about 4 seconds. The display will show FOR. The recorded readings will display. The device can record 12 readings.

### AUTOMATIC SHUTDOWN

This thermometer is equipped with a battery-saving automatic shutdown feature: After 30 seconds without any user action, the thermometer will power down. You can turn it back on by simply pushing the power button on the handle.

# **BATTERY REPLACEMENT**

This product uses 2 AAA alkaline batteries (included). When the display shows "LoL," it indicates that the batteries are low and need to be replaced. To replace the batteries, push the battery cover on the bottom of the handle in the direction of the arrow. Take out the old batteries and install the new batteries, making sure the polarity is correct (note the "+" and "-" signs). Close the battery door and properly dispose of the batteries. If the thermometer is not used for more than 3 months, remove the batteries to prevent potential damage from battery fluid.

# **BATTERY SAFETY**

- 1. This product requires 2 AAA batteries.
- 2. Since batteries are sensitive to high temperatures, keep them in a cool, dry place when storing them.
- Battery contacts need to be clean, both on the battery and in the appliance, before installation.
- 4. Batteries should be removed from the appliance when not being used for long periods of time (months).
- 5. Never recharge non-rechargeable batteries.
- 6. Be careful to install (+) and (-) to the correct plus and minus on device.
- 7. Replace all old batteries at one time. Do not mix old and new.
- 8. Remove discharged batteries immediately to avoid leakage.
- 9. Never put batteries into a fire.
- 10. Switch off devices after use.
- 11. Keep batteries away from children, especially the batteries that are small enough to ingest.
- 12. If a battery is ingested, seek immediate medical help.
- 13. Never open, crush, puncture or disassemble batteries.
- 14. Dispose of batteries according to any state and local regulations.
- 15. Do not dispose of rechargeable batteries as solid waste.

# **CLEANING AND MAINTENANCE**

Check whether the battery level is sufficient before each use. If the battery is low (display shows "LoL") change the batteries and then take the temperature.

Before each use, check the equipment casing for damage. If it is damaged, do not use. The sensor head is the most important part of the thermometer, and the front part (sensor mirror) is fragile. Be careful not to damage the sensor when you clean it.

Wipe with a soft, dry cloth after each use. If the thermometer is dirty, you may wipe the unit with a damp cloth moistened with water or neutral detergent, and then wipe it with a dry cloth. Avoid water entering the body of the thermometer, so that the internal electronic components do not get damaged.

If you are concerned about contamination, you may clean the thermometer with 75% alcohol before and after use. Use only a small amount of alcohol: Excessive amounts of alcohol can damage the electronics of the device.

Do not use volatile oil, paint thinner, and other chemical solvents to wipe the product.