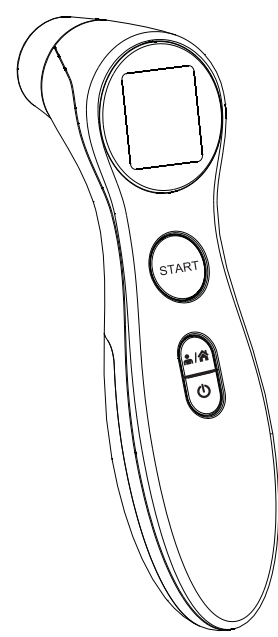


size:340\*297mm

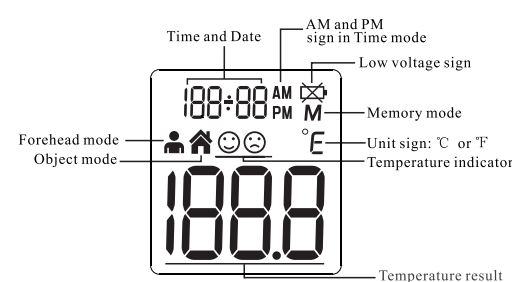
# Owner's Manual

## Infrared Forehead Thermometer

Model DET-306



### LCD Display Introduction



### Basic Functions

Table with 2 columns: Function Name and Description. Functions include Real Time Clock, Forehead Mode, Object Mode, Beep Alarm, Memory Mode, and C/F Switch.

### Forehead Thermometer Advantages

Infrared Forehead Thermometer measures core body temperature, which is the temperature of a body's vital organs. (See Figure 1) This thermometer is designed to measure the temperature of the skin surface over the temporal artery, a major artery of the head.

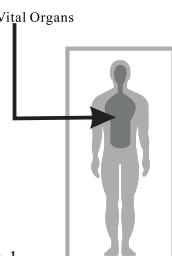


Figure 1

### Real Time Clock Setting

When using thermometer for the first time, please set the parameters of the thermometer. With the thermometer off, press and hold the START BUTTON to enter into setting mode for 3 seconds.

- 1. Set the time format. The device can display the time in either an AM/PM (12-hour) or a 24:00(24-hour) format.
2. Set the hour. Press and release the START BUTTON to advance one hour until the correct hour appears.
3. Set the minute. Press and release the START BUTTON to advance one minute until the correct minute appears.

### Real Time Clock Setting

- 1. Set the year. Press and release the START BUTTON to advance one year until the correct year appears.
2. Set the month. Press and release the START BUTTON to advance one month until the correct month appears.
3. Set the date. Press and release the START BUTTON to advance one day until the correct month appears.

### Temperature Taking Hints

To ensure that the reading always reflects the body temperature accurately, you need to take account of the following factors which may affect an accurate reading.

- 1. It is important to know each individual's normal temperature when they are well. This is the only way to accurately diagnose a fever.
2. Users must be inside for 30 minutes before taking a measurement.
3. Users should not drink, eat, or be physically active such as bathing, showering, shampooing and hair drying before/while taking the measurement.

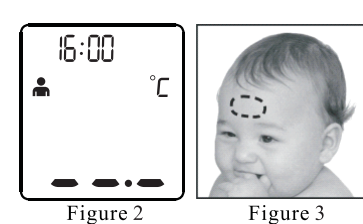
### Temperature Taking Hints

- 4. Holding a hand on the forehead for any length of time will affect the temperature reading.
5. Do not take temperature over scar tissue, open sores or abrasions.
6. Do not use the thermometer on a perspiring or sweating forehead.
7. Don't take a measurement while or immediately after nursing a baby.

### Illustration For Use

- 1. To measure forehead temperature: Press the START BUTTON. The display is activated to show all segments.
2. Aim the thermometer at the center of the forehead with a distance of 2 to 3 cm.

Note: Do not remove the thermometer from the forehead before hearing the final beep. A waiting period of 3 seconds between testing is recommended to ensure complete accuracy.



### Illustration For Use

- 1. How to change the forehead mode and object mode: You can press the START BUTTON to switch the mode between Forehead mode and Object mode.
2. To measure object temperature: Press the START BUTTON to turn on the thermometer, you can take the object temperature after hearing two beep sounds.



Figure 4

### Illustration For Use

- 1. After measurement: Power off. Device will automatically shut off if left idle for more than 1 minute to extend battery life.
2. Clean the probe after each use to ensure an accurate reading and avoid cross contamination.
3. Temperature indicator: In Forehead mode, if the temperature reading is below 37.8°C (100.0°F), a happy face will be displayed next to the reading.

### Memory Mode

- 1. The Memory Mode can be accessed either in forehead mode or object mode. When the thermometer has been turned on and followed by Figure 2/4 or finished testing, press and hold the START BUTTON for three seconds.
2. The thermometer will automatically memorize the last 10 temperature readings. Each memory also records the measurement date/time/mode icon.

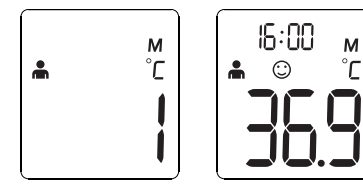


Figure 5

Figure 6

### Introduction

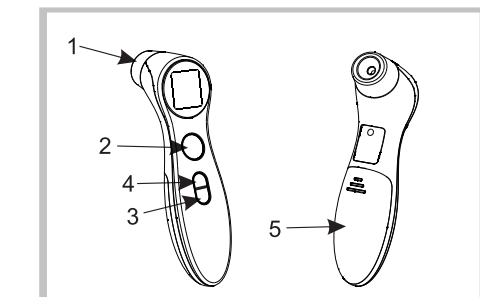
The DET-306 infrared forehead thermometer is specifically designed for safe use on the forehead. The Infrared Forehead Thermometer is a device capable of measuring people's body temperature by detecting the intensity of infrared light emitted from the forehead.

Please read all instructions carefully and thoroughly before using this product.

- 1. There is no gender or age limitation for using infrared forehead thermometer.
2. Use of this Forehead thermometer is not intended as a substitute for consultation with your physician.
3. Do not allow children to take their temperatures unsupervised.

### Product Description

- 1. Probe
2. START Button
3. On/Off Button
4. Memory Button
5. Battery Cover



### Selecting A Temperature Scale

- 1. Temperature readings are available in the Celsius (°C) or Fahrenheit (°F) scale.
2. With the thermometer off, press and hold the START BUTTON for 3 seconds to enter into unit changing mode.
3. Press and release START BUTTON to select the unit.
4. When the preferred unit on the display, press the START BUTTON to exit the unit changing mode.

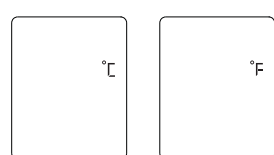


Figure 7

### Care And Cleaning

- 1. The probe window must be kept clean, dry, and undamaged at all times to ensure accurate readings.
2. Periodic cleaning and disinfection of the device following in order to prevent patient cross infection.
3. For cleaning: Soak a clean soft cloth in drinking water, wring it out and then wipe the thermometer (including probe) no less than 3 times.

### Battery Replacement

- 1. Replace battery when "Lo" appears in the upper right corner of LCD display.
2. Slide battery cover down as shown in Figure 9.
3. Remove battery and install 2 new AAA alkaline batteries as shown in Figure 10.
4. Slide battery cover back on.

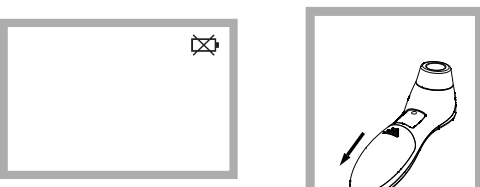


Figure 8

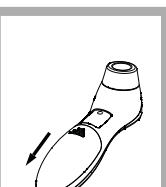


Figure 9

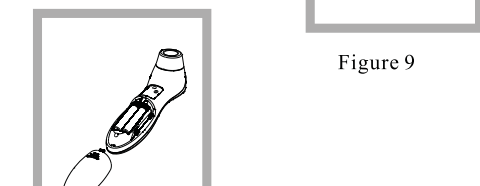


Figure 10

### Specifications

Table with 2 columns: Measuring range, Measuring site, Reference body site, and Operation mode. Specifications include measuring range of 34.0°C-43.0°C and 93.2°F-109.4°F.

Table with 2 columns: Laboratory accuracy and Clinical accuracy. Laboratory accuracy includes display resolution of 0.1°C or 0.1°F. Clinical accuracy includes clinical bias of -0.09°C (-0.16°F).

### Troubleshooting

Table with 3 columns: Error message, Problem, and Solution. Error messages include Er1 (Measurement before thermometer is ready), Er2 (Ambient temperature is not within the range), Er3 (Thermometer is placed incorrectly), Er4 (Rapid ambient temperature change), and Er5 (Thermometer is not functioning properly).

Table with 3 columns: Error message, Problem, and Solution. Error messages include Hi (Temperature taken is higher than 43.0°C), Lo (Temperature taken is lower than 34.0°C), and a battery error (Thermometer could not work due to low battery).

### Calibration

The thermometer is initially calibrated at the time of manufacture. If the thermometer is used according to the use instruction, periodic readjustment is not required.

The above recommendations do not supersede the legal requirements. The user must always comply with legal requirements for the control of the measurement, functionality, and accuracy of the device which are required by the scope of relevant laws, directives or ordinances where the device is used.

A clinical summary and procedures for checking calibration are available upon request. Turn on the thermometer and press the power button long time until entering into calibrate mode, software version will be displayed.

ASTM laboratory accuracy requirements in the display range of 36.0 to 39.0 °C (96.8 to 102.2 °F). For IR thermometers is ±0.2°C (±0.4°F), whereas for non-IR (infrared) is ±0.1°C (±0.2°F).

Disposal of this product and used batteries should be carried out in accordance with the national regulations for the disposal of electronic products. Includes icons for Type-BF applied part and Direct Current.

### Service

The thermometer has a limited one year warranty. Do not attempt to disassemble or repair the thermometer by yourself. Should service be required during or after the warranty period you must contact the manufacturer.

### Warranty

This appliance conforms to the following standards: ASTM E1965-98 Standard Specification for Infrared Thermometers for Intermittent Determination of Patient Temperature.

### FCC Information

Caution: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment. 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.

### Electromagnetic Compatibility Information

The device satisfies the EMC requirements of the international standard IEC 60601-1-2. The requirements are satisfied under the conditions described in the table below. The device is an electrical medical product and is subject to special precautionary measures with regard to EMC which must be published in the instructions for use.

Table 1: Guidance and declaration of manufacturer's electromagnetic emissions. Includes columns for Emissions test, Compliance, and Electromagnetic environment guidance.

Warning: 1. The use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation.

Table 2: Guidance and declaration of manufacturer's electromagnetic immunity. Includes columns for Immunity test, Compliance, and Electromagnetic environment guidance.

Table 3: Guidance and declaration of manufacturer's electromagnetic immunity. Includes columns for Immunity test, Compliance, and Electromagnetic environment guidance.

Table 4: Recommended separation distances between portable and mobile RF communications equipment and the device.

Table 5: Recommended separation distances between portable and mobile RF communications equipment and the device. Includes columns for W, f, and d.

For transmission field and a maximum output power and field above, the recommended separation distance d in meters can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power of the transmitter in watts (W) according to the transmitter manufacturer.