

## Introduction Kat. No. 15.2010

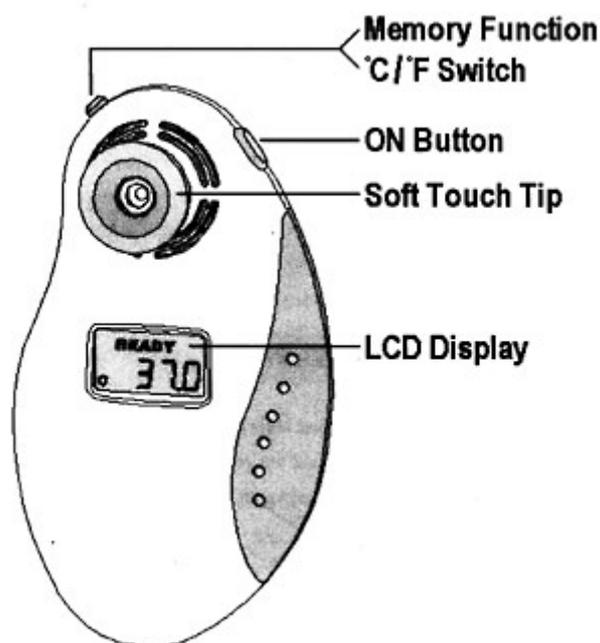
Thank you for purchasing ThermoTek Temple, Forehead Thermometer, the latest technology method for measuring temperature.

### **About The Forehead Thermometer**

The Forehead Thermometer is based on the latest infrared technology developed and used by SAAT; the thermometry experts. The ThermoTek Temple measures body temperature in a non-invasive way, making it the most SAFE and HYGIENIC device. Taking the measurement is as GENTLE and EASY as touching the hand to the forehead to feel the fever. The ThermoTek Temple is ACCURATE and meets the accuracy requirements of ASTM E-1965-98 standard. This IR Thermometer is intended for customer (non-professional) use.

### **How Does It Work**

Using advanced infrared technology the ThermoTek Temple measures the temperature of the infrared heat given off by the arterial blood supply under the temple skin and converts this temperature into an oral equivalent temperature.



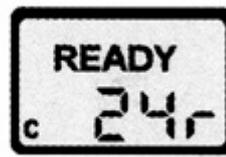
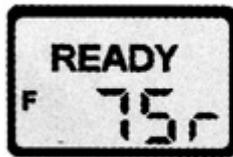
### **Body Temperature**

Body temperature, like blood pressure, varies from person to person and during the day, it may range from 35.5°C (95.9°F) to 37.8°C (100.4°F). The forehead temperature is converted by the ThermoTek Temple to the commonly used oral temperature. For some people it may show some difference from their normal oral temperature. So it is recommended to learn and recognize the forehead temperature while healthy. For continually accurate results, measure at the same point on the forehead each time a temperature is taken (see: "How to Take a Measurement").

### **How to Take a Measurement**

- 1) The thermometer should be in the room where measurement will take place 20-25 minutes prior to measurement. The person whose temperature is being taken should be in the same room at least 5 minutes before the measurement.
- 2) Clean the forehead from sweat, makeup, etc.

3) Press and release the "ON" button, and wait for the message "READY" to appear: The display shows the room temperature and the "READY" sign.

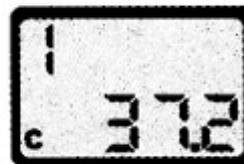
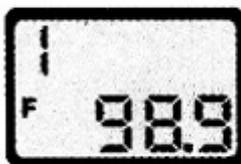


4) Attach the thermometer's soft tip to the required measurement location on the forehead. For best location: Put the thermometer soft tip above the left side of the left eyebrow ( Or the right side of the right eyebrow) and pull it up as close as possible under the hairline.



Scan with the thermometer around the temple area (marked as dotted area in the drawing) . While scanning you will hear short clicks which indicate that measurement is taking place. Measurement has been completed only after a long beep is heard.

5) Remove the thermometer from the measuring area. Read the temperature on the LCD display.



**IMPORTANT:** For repeated measurements always use the same measuring point on the forehead. Wait at least 2 minutes between repetitive measurement.

**REMEMBER:** The displayed temperature is equivalent to oral temperature (oral temperature is normally 0.5°C/0.9°F less than rectal measured temperature.) This is based on the average population. For some people it may be different and it is recommended to learn and recognize the forehead temperature while healthy. The ThermoTek Temple should not be a substitute for any medical care.

#### **Important Notes**

\* Avoid taking a measurement for 30 minutes after physical exercise, bathing or eating.

- \* At least 2 minutes should pass between two measurements.
- \* Do not expose the thermometer to extreme temperatures, direct sunlight, dust or shock.
- \* Do not splash with water or immerse the unit in water.
- \* Always cover the thermometer with the protective cap or store it in the soft case while it is not in use.
- \* Do not use the thermometer when having scarred skin or other skin disorders on the forehead.
- \* Avoid direct sunlight, fireplace heat and direct air conditioner flow on the forehead while taking temperature.

### **Memory Function**

The ThermoTek Temple Memory Function stores 8 measurements for 64 hours after each temperature is taken. The last reading before the thermometer turns off is stored in memory. To use the Memory Function, press and release the "MEMORY" button ("M") while the thermometer is on. The LCD alternately displays the following four times:

- \* The previous measurement.
- \* How many hours ago the measurement was taken. Pressing and releasing the "MEMORY" button ("M") again will display the measurement prior to the last measurement displayed. You can read all your stored readings by continuously pressing the memory button.

### **°F/°C Switch**

While the ThermoTek Temple is switched off, press the "M" (Memory) button and the LCD will show "C" or "F", according to the existing reading, for a period of 5 seconds. In order to change from °C to °F or vice versa, press the "M" button again while the C/F display is on.



### **Care and Maintenance**

The ThermoTek Temple thermometer has an infrared sensor, which is located inside the soft tip. To avoid damage to the sensor, always cover the thermometer with the protective cap and store in a safe place while not in use. If there is dust or water inside the soft tip, gently clean with a soft tissue and allow it to dry before covering. It is advised to occasionally clean the external part of the soft tip ( without touching the sensor) with a 70% alcohol solution.

### **Battery Replacement**

The ThermoTek Temple Forehead Thermometer includes one already installed 3V Lithium battery. Approximate battery life is five years. If the "Low Battery" symbol is displayed on the thermometer's LCD panel or the thermometer does not function at all, immediately replace the battery as follows:

- \* Pull the battery cover straight back and up to remove it.
- \* Remove the old battery by pulling it out and up.

- \* Insert the new battery with the positive ( + ) side up and the negative ( - ) side pointed down until it snaps into place.
- \* Replace battery cover.

**Caution:** Replace only with the following battery types:

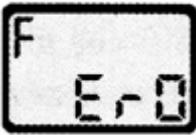
- Mitsubishi CR 2032
- Renata CR 2032
- Energizer CR 2032
- Varta CR 2032
- Eveready / Ucar CR 2032
- Toshiba CR 2032

The use of other types of batteries may present a risk of fire or explosion.



**Caution:** Battery may explode if mistreated. Do not recharge, disassemble, heat above 100°C (212°F), or incinerate. Used batteries should be disposed of properly.

### Troubleshooting

Display	Meaning	Action
	There is a general failure of the thermometer's function.	Reset the thermometer by pushing the "ON" and the "M" buttons simultaneously for 3 seconds. If the thermometer still does not function, send the thermometer to repair.
	The thermometers own temperature is not within its operating range 16°C to 36°C (60.8°F- 96.8°F).	Put the thermometer in a room within the temperature range of 16 °C to 36 °C ( 60.8°F - 96.8°F). Wait 30 minutes before taking a new measurement.

	<p>The measured temperature is not within the human temperature range of 34.6°C to 42.4°C (94.3°F- 108.3°F)</p>	<p>Repeat measurement and wait for beep to be heard before you remove the thermometer.</p>
	<p>Battery voltage is low. Only a few more measurements can be taken.</p>	<p>Replace the old battery with a new battery.</p>
	<p>Battery voltage is low. No measurement is allowed.</p>	<p>Immediately replace the old battery with a new battery.</p>
<p>ThermoTek Temple does not function or respond. No display or fixed display.</p>	<p>The thermometer should be reset or the battery should be replaced.</p>	<p>Reset the thermometer by pushing the "ON" and the "M" buttons simultaneously for 3 seconds or replace the old battery with a new battery. If thermometer still does not function, send the thermometer to repair.</p>