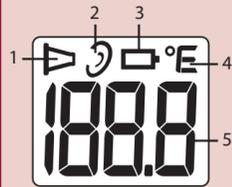


- EN**
1. Probe
 2. LCD display
 3. ON/OFF/Memory button
 4. Probe cover
 5. Start button
 6. Battery Cover

- DE**
1. Schutzhülle
 2. LCD Anzeige
 3. On/Off/Speicher Taste
 4. Schutzhülle
 5. Starttaste
 6. Batteriefachdeckel

- ES**
1. Punta
 2. Pantalla LCD
 3. Botón de encendido/apagado/memoria
 4. Protector de punta
 5. Botón de inicio
 6. Tapa de pila

- FR**
1. Sonde
 2. LCD
 3. Bouton ON/OFF/Memory
 4. Cache de sonde
 5. Bouton Start
 6. Couverture de pile



EN English

Please read the instruction manual carefully before using the product and be sure to keep this manual.

RA600 Infrared Ear Thermometer

This Rossmax infrared ear thermometer is intended for measuring human body temperature, while it is not intended as a substitute for consultation with your physician. This thermometer has been clinically tested in the hospital based on the regulatory standard protocol and proven to be safe and accurate when used in accordance to the operating instruction manual.

- The quality of the infrared ear thermometer has been verified and conforms to the provisions of the EC Council directive 93/42/EEC (Medical Device Directive) Annex I essential requirements and applied harmonized standards. EN 12470-5: 2003 Clinical Thermometers-Part 5: Performance of infrared ear thermometers (with maximum device).
- This thermometer converts the ear temperature to display its "oral equivalent." (according to the result of the clinical evaluation)

LCD display

When the battery icon always appears, it means to use a probe cover for measurement.

When battery icon always appears, please replace the battery.

How to use the RA600 Infrared Ear Thermometer

1. To achieve accurate readings, make sure a new, clean probe cover is in place before each measurement and the ear canal is clean.

1. Install the probe cover by clockwise rotating then fix it.
2. Remove the probe cover by anti-clockwise rotating then releasing it.

2. Press the "On/Off/Memory" button, the thermometer is ready for use after the ear icon is flashing, two beeps are sounded, and three dash segments are appeared.

3. Gently pull the ear back to straighten the ear canal and snugly position the probe into the ear canal, aiming towards the membrane of the eardrum to obtain an accurate reading.

- Before measurement, correct installation of the probe cover ensures accurate measurement.
- Replace the probe cover after each use to ensure an accurate reading and avoid cross contamination.
- This thermometer must only be used with rossmax probe covers, other covers can lead to inaccurate. If running out of probe covers, please contact with the original seller or distributor for buying new probe covers.

4. Measuring the ear temperature: Use the index finger to trigger, by pressing "Start" button, a long beep will be sounded when measurement is done.

5. For the next measurement, remove the used probe cover and put on a new one.

6. Power off: If left idle for more than 1 minute, device will automatically shut off extending battery life. Or press "On/Off/Memory" button for at least 3 seconds to turn the device off.

7. Fever alarm: When the measuring temperature is higher than 37.5°C (99.5°F), the reading will flash, the backlight will be enabled, and 4 short beeps will be sounded. If measuring temperature is higher than 42.2°C (108°F), the display will show "HI", the backlight will be enabled, and 4 short beeps will be sounded.

It is recommended that you measure 3 times with the same ear within a short period of time. If the 3 consecutive measurements are different, select the highest temperature.

To avoid the risk of cross contamination, please clean the probe according to "Clean and Storage" section after each use.

Scanning Mode

If you continuously obtain different measurement results, it is recommended that you use Scanning Mode to measure. Measuring the ear temperature: Use the index finger to trigger, press and hold the "Start" button for 3 seconds to take measure. During the measuring process, gently position the probe side-to-side to view the entire ear canal or ear in order to find the highest temperature. Release the "Start" button until hearing a long beep sound and the measurement is completed.

Enabling or disabling the beep sound

1. Turn off the device.
2. Hold down the "Start" button, then press and hold the "ON/OFF/Memory" button until the LCD shows "C".
3. Press the "ON/OFF/Memory" change beep sound from 0 to 1, then release the "ON/OFF/Memory" button.
4. After 6 seconds without changing, the beep On/Off setting will be completed, and the unit will be entered into the measurement mode.

Switching between temperature scale Fahrenheit and Celsius

To change the Unit from "C" to "F":

1. Turn off the device.
2. Hold down the "Start" button, then press and hold the "ON/OFF/Memory" button until the LCD shows "C".
3. Press the "ON/OFF/Memory" button until the LCD shows "F".

4. After 6 seconds without changing, the temperature scale adjustment will be completed, and the unit will be entered into measurement mode.

Memory function

There are total 9 set memories for measurement records. If the reading of the thermometers is within the normal temperature range of 34°C to 42.2°C (93.2°F to 108°F), when the measurement is done, the measurement data is saved into memory.

Press "On/Off/Memory" button to repeatedly to recall each temperature memory.

Cleaning and storage

The probe is the most delicate part of the thermometer. Use with care when cleaning the lens to avoid damage.

1. Please use the cotton swab with the Alcohol to clean the lens (on the inside of the probe).

2. Allow the probe to fully dry for at least 5 minutes.

3. Please check the device for recalls and returns. If you can't make sure of it, please send the complete device to the nearest retailer for replacement.

4. Keep the unit dry and away from any liquid and direct sunlight. The probe should not be submerged into liquids.

Change the battery

1. This thermometer is equipped with one lithium cell (CR2032).

2. Turn off the thermometer before replacing the battery.

3. Open the battery cover: Hold the device and flip the battery out by sticking the pen tip into the battery storage well as illustrated.

4. Insert a new battery and ensure the battery positive polarity is facing upward.

5. Place back the battery cover.

The positive (+) side up and the negative (-) side pointed down.

Troubleshooting

Error message	Problem	Solution
E I bi-bi-bi	The ambient temperature is not within the range between 10°C~40°C (50°F~104°F)	Allow the thermometer to keep in a room for at least 30 minutes at room temperature: 10°C to 40°C (50°F to 104°F)
EE bi-bi-bi	The system is not functioning properly.	Unload the battery, wait for 1 minute and re-power it. If the message reappears, contact the retailer for service.
Hi bi-bi-bi-bi	Device can not be powered on to the ready stage.	Change with a new battery. If the message reappears, contact the retailer for service.
Lo bi-bi-bi-bi	Temperature taken is higher than 42.2°C (108.0°F)	Ensure no break or dirt of the probe cover and take a new temperature measurement.
Lo bi-bi-bi-bi	Temperature taken is lower than 34°C (93.2°F)	Make sure the probe cover is clean and take a new temperature measurement.
Lo bi-bi-bi-bi	Low battery: Battery icon is flashing, still can be measurable	Suggest to replace the battery.
Lo bi-bi-bi-bi	Dead battery: Battery icon always enables no more measurements are possible	Replace the battery

Specification	
Temperature measurement range	34.0~42.2°C (93.2~108.0°F)
Accuracy	±0.2°C (0.4°F) during 35.0~42.2°C (95~108.0°F) ±0.3°C (0.5°F) for other range
Operating temperature range	10~40°C (50~104°F) RH<=95% 700~1060hPa
Storage and transportation temperature	Temperature: -25~55°C (-13~131°F) RH<=95% 700~1060hPa
Memory	9 set
Display resolution	0.1°C
Battery	3V Lithium (CR2032) x 1
Weight (with battery)	12.0cm(L) x 3.5cm(W) x 2.8cm(H)
Probe cover	6 pieces
Auto shut down	60 seconds
Battery life	1000 consecutive measurements or 1 year with 1-2 measurements per day depending on stand-by mode.
Safety classification	II Type BF equipment

Clinical repeatability	0.08°C (< 1 year old) 0.10°C (1~5 years old) 0.07°C (> 5 years old)
IP Classification	IP22: Protection against harmful ingress of water and particulate matter

Dispose of device and batteries according to local regulations

Caution

Besides the oral temperature, the body temperature measured by ear may be different from measurements taken by rectal or axillary. Therefore, there is no any meaning to compare them. Take the temperature periodically to find out the normal ear temperature reading, then use that reading as the base for comparison with any measurement taken when you suspect a fever.

This thermometer is designed for ear temperature measurement. Do not use this thermometer for other body site measurement.

Keep the unit dry and away from where it might be exposed to moisture, liquids, direct sunlight, high temperature, high humidity, or excessive dust.

This device is not shock-protected. Do not drop, heavily pressure the unit or fall from high place.

Do not bend the device.

Do not disassemble or make modifications on the device.

Please do not dispose of the product in the household waste at the end of its useful life. Disposal can take place at your local retailer or at appropriate collection points provided in your country.

Do not boil the probe.

Do not use the device if it operates abnormally or error message is showed.

Do not use thinner or benzene to clean the device.

Wipe the device clean before storing.

When taking the device from storage below or above 10~40°C(50~104°F), place it in 10~40°C(50~104°F) temperature range for at least 30 minutes before use.

Remove the battery if this device is not used for a period of time.

If the battery is used according to the operation instruction, periodic re-calibration is not required. If you still have questions, please send the complete device to dealers.

Do not use this device for diagnosis or treatment of any health problem on disease. Measurement results are for reference only. Contact your physician if you have or suspect any medical problems. Do not change your medications without the advice of your physician or healthcare professional.

This device may not meet its performance specification if stored or used outside temperature and humidity ranges specified in product manuals.

Battery should neither be charged nor placed into the extreme environment, or it may explode.

The thermometer contains small parts (ex: battery, etc.) that can be swallowed by children. Therefore never leave the thermometer unattended to children.

After wearing the probe cover, the ear thermometer probe must be vertically and snugly inserted into the ear channel so as to get the correct temperature reading.

Do be sure to consult a doctor if you feel that your health is in poor condition.

Do not judge your health only on the presence or absence of a fever.

The measurement requirements are different, select the highest temperature.

To avoid the risk of cross contamination, please clean the probe according to "Clean and Storage" section after each use.

If you continuously obtain different measurement results, it is recommended that you use Scanning Mode to measure. Measuring the ear temperature: Use the index finger to trigger, press and hold the "Start" button for 3 seconds to take measure. During the measuring process, gently position the probe side-to-side to view the entire ear canal or ear in order to find the highest temperature. Release the "Start" button until hearing a long beep sound and the measurement is completed.

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