This product is manufactured under license to the ‘Braun’ trademark. ‘Braun’ is a registered trademark of Braun GmbH, Kronberg, Germany.

此產品以百靈商標認可生產，德國百靈公司(Braun GmbH, Kronberg, Germany)為百靈商標持有人。

ThermoScan® and AgeSmart™ are trademarks of Kaz Europe Sàrl. ThermoScan® and AgeSmart™是Kaz Europe Sàrl的註冊商標。

Manufactured for Kaz Europe Sàrl
Place Chauderon 18
CH-1003 Lausanne
Switzerland

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Patents / 專利:

www.kaz.com/patents/braun

Designed in Germany. Made in Mexico.
The Braun ThermoScan® thermometer has been carefully developed for accurate, safe and fast temperature measurements in the ear. The shape of the thermometer probe prevents it from being inserted too far into the ear canal which can hurt the eardrum. However, as with any thermometer, proper technique is critical to obtaining accurate temperatures. Therefore, read the instructions carefully and thoroughly.

The Braun ThermoScan® thermometer is indicated for intermittent measurement and monitoring of human body temperature for people of all ages. It is intended for household use only. Use of IRT 6520 along with AgeSmart® feature is not intended as a substitute for consultation with your physician.

**Product description**

**IRT 6520**

1. Lens filter (Box of 20)
2. Probe tip
3. Probe
4. ExacTemp light
5. Lens filter ejector
6. Display
7. AgeSmart and Memory buttons
8. Power button
9. Start button
10. Battery door
11. Protective case

**IRT 6030**

1. Lens filter (Box of 20)
2. Probe tip
3. Probe
4. ExacTemp light
5. Lens filter ejector
6. Display
7. Power button
8. Start button
9. Battery door
10. Protective case

**WARNINGS AND PRECAUTIONS**

- Please consult your doctor if you see symptoms such as unexplained irritability, vomiting, diarrhea, dehydration, changes in appetite or activity, seizure, muscle pain, shivering, stiff neck, pain when urinating, etc. in spite of any color of the background light or absence of fever.
- Please consult your doctor if the thermometer shows elevated temperature (yellow or red background lights for IRT 6520).

The operating ambient temperature range for this thermometer is 10 – 40 °C (50 – 104 °F). Do not expose the thermometer to temperature extremes (below −25 °C / −13 °F or over 55 °C / 131 °F) or excessive humidity (> 95 % RH). This thermometer must only be used with genuine Braun ThermoScan® lens filters (LF 40).

To avoid inaccurate measurements always use this thermometer with a new, clean lens filter attached.

If the thermometer is accidentally used without a lens filter attached, clean the lens (see «Care and cleaning» section). Keep lens filters out of reach of children.
Normal body temperature is a range. It varies by site of measurement, and it tends to decrease with age. It also varies from person to person and fluctuates throughout the day. Therefore, it is important to determine normal temperature ranges. This is easily done using Braun ThermoScan®. Practice taking temperatures on yourself and healthy family members to determine the normal temperature range.

Parents/guardians should call the pediatrician upon noticing any unusual sign(s) or symptom(s). For example, a child who exhibits irritability, vomiting, diarrhea, dehydration, seizure, changes in appetite or activity, even in the absence of fever, or who exhibits a low temperature, may still need to receive medical attention.

Children who are on antibiotics, analgesics, or antipyretics should not be assessed solely on temperature readings to determine the severity of their illness.

Temperature elevation as indicated by AgeSmart may signal a serious illness, especially in adults who are old, frail, have a weakened immune system, or neonates and infants. Please seek professional advice immediately when there is a temperature elevation and if you are taking temperature on:

- Neonates and infants under 3 months (consult your physician immediately if the temperature exceeds 37.4 °C or 99.4 °F)
- Patients over 60 years of age
- Patients having diabetes mellitus or a weakened immune system (e.g. HIV positive, cancer chemotherapy, chronic steroid treatment, splenectomy)
- Patients who are bedridden (e.g. nursing home patient, stroke, chronic illness, recovering from surgery)
- A transplant patient (e.g. liver, heart, lung, kidney)

Fever may be blunted or even absent in elderly patients.

This thermometer contains small parts that can be swallowed or produce a choking hazard to children. Always keep the thermometer out of children’s reach.

**How does Braun ThermoScan® work?**

Braun ThermoScan® measures the infrared heat generated by the eardrum and surrounding tissues. To help avoid inaccurate temperature measurements, the probe tip is warmed to a temperature close to that of the human body. When the Braun ThermoScan® is placed in the ear, it continuously monitors the infrared energy. The measurement is finished and the result displayed when the thermometer detects that an accurate temperature measurement has been taken.

**Why measure in the ear?**

The goal of thermometry is to measure core body temperature which is the temperature of the vital organs. Ear temperatures accurately reflect core body temperature, since the eardrum shares blood supply with the temperature control center in the brain, the hypothalamus. Therefore, changes in body temperature are reflected sooner in the ear than at other sites. Axillary temperatures measure skin temperature and may not be a reliable indicator of core body temperature. Oral temperatures are influenced by drinking, eating, and mouth breathing. Rectal temperatures often lag behind changes in core body temperature and there is a risk of cross-contamination.

**How to use your Braun ThermoScan®**

1. **Remove the thermometer from the protective case.**
2. **Push the Power button.** During an internal self-check, the display shows all segments. Then the last temperature taken will be displayed for 5 seconds.

---

**AgeSmart™ color-coded display**

Clinical research shows the definition of fever changes as newborns grow into infants, infants grow into children and children grow into adults. Braun’s AgeSmart color-coded display takes the guess work out of interpreting temperature for the entire family. Simply use the AgeSmart button to select the appropriate age setting, take a temperature and the color-coded display will glow green, yellow, or red to help you understand the temperature reading. A green screen suggests no fever, a yellow screen suggests moderate fever, and red signals high fever.

The lens filter indicator will blink to signal one is needed. To achieve accurate measurements, make sure a new, clean lens filter is in place before each measurement. Attach a new lens filter by pushing the thermometer probe straight into the lens filter inside the box and then pulling out.

Note: The Braun ThermoScan® will not work unless a lens filter is attached.

Select age with AgeSmart button as shown below. Press button to toggle through each age group.

NOTE: You must select an age in order to take a measurement. 
0-3 Months >3-36 Months >36 Months - adult

The thermometer is ready to take temperature when the display looks like the images below.

Fit the probe snugly into the ear canal, then push and release the Start button.

ExacTemp™ light will pulse while temperature is in progress. The light will remain solid for 3 seconds to indicate that a successful temperature reading has been achieved.

NOTE: If the probe has been properly inserted into the ear canal during the measurement, a long beep will sound to signal the completed measurement.

If the probe has NOT been constantly placed in a stable position in the ear canal, a sequence of short beeps will sound, the ExacTemp light will go out and the display will show an error message (POS = position error).

See “Errors and troubleshooting” section for more information.

The confirmation beep indicates that an accurate temperature measurement has been taken. The result is shown on the display.

The lens filter indicator will blink to signal one is needed.

Temperature displays.

For the next measurement, press Eject button to remove and discard used lens filter, and put on a new, clean lens filter.

NOTE: Defaults to last age setting used if you do not change.

The Braun ThermoScan® ear thermometer turns off automatically after 60 seconds of inactivity. The thermometer can also be turned off by pressing the Power button.

The display will briefly flash OFF and it will go blank.

Temperature taking hints

Always replace disposable lens filters to maintain accuracy and hygiene. The right ear measurement may differ from the measurement taken in the left ear. Therefore, always take the temperature in the same ear. The ear must be free from obstructions or excess earwax build-up to take an accurate reading.

External factors may influence ear temperatures, including when an individual has:

<table>
<thead>
<tr>
<th>Factor</th>
<th>Yes affects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poor probe placement</td>
<td>✔</td>
</tr>
<tr>
<td>Used lens filter</td>
<td>✔</td>
</tr>
<tr>
<td>Dirty lens</td>
<td>✔</td>
</tr>
</tbody>
</table>
In the cases below, wait 20 minutes prior to taking a temperature.

<table>
<thead>
<tr>
<th>Factor</th>
<th>Yes affects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extreme hot and cold room temperature</td>
<td>✔</td>
</tr>
<tr>
<td>Hearing aid</td>
<td>✔</td>
</tr>
<tr>
<td>Lying on pillow</td>
<td>✔</td>
</tr>
</tbody>
</table>

Use the untreated ear if ear drops or other ear medications have been placed in the ear canal.

**Memory mode**

1. This model stores the last 9 temperature measurements. To display the stored measurement, the thermometer must be turned on.
2. Press the Mem button. The display shows the temperature, and when releasing the Mem button, the stored temperature for that memory number is displayed, together with "M".
3. Each time the Mem button is pushed, the stored reading and an M is displayed to indicate each temperature measurement (e.g., M2).

Memory mode is automatically exited by not pressing the memory button for 5 seconds.

**Night light feature**

The thermometer includes a convenient night light to illuminate the display in a dim environment.

The light will turn on when you press any button. It will stay on until the thermometer is inactive for up to 10 seconds even after temperature is taken.

**Changing the temperature scale**

Your Braun ThermoScan® is shipped with the Celsius (°C) temperature scale activated. If you wish to switch to Fahrenheit (°F) and/or back from Fahrenheit to Celsius, proceed as follows:

1. Make sure the thermometer is turned off.
2. Press and hold down the Power button. After about 3 seconds the display will show this sequence: °C / SET / °F / SET ...

Release the Power button when the desired temperature scale is shown. There will be a short beep to confirm the new setting, then the thermometer is turned off automatically.

**Care and cleaning**

The probe tip is the most delicate part of the thermometer. It must be clean and intact to ensure accurate readings. If the thermometer is ever accidentally used without a lens filter, clean the probe tip as follows:

- Very gently wipe the surface with a cotton swab or soft cloth moistened with alcohol. After the alcohol has completely dried out, you can put a new lens filter on and take a temperature measurement.

- If the probe tip is damaged, please contact the local service center.

Use a soft, dry cloth to clean the thermometer display and exterior. Do not use abrasive cleaners. Never submerge this thermometer in water or any other liquid. Store thermometer and lens filters in a dry location free from dust and contamination and away from direct sunlight.

Additional lens filters (LF 40) are available at most stores carrying Braun ThermoScan®.

**Replacing the batteries**

The thermometer is supplied with two 1.5 V type AA (LR 06) batteries. For best performance, we recommend Duracell® alkaline batteries.

1. Insert new batteries when the battery symbol appears on the display.
2. Open the battery compartment. Remove the batteries and replace with new batteries, making sure the poles are in the right direction.
3. Snap battery door into place.

Only discard empty batteries. To protect the environment, dispose of empty batteries at your retail store or at appropriate collection sites according to national or local regulations.

**Calibration**

The thermometer is initially calibrated at the time of manufacture. If this thermometer is used according to the use instructions, periodic re-adjustment is not required. If at any time you question the accuracy of the temperature measurement, please contact your authorized service center.

Manufacturing date is given by the LOT number located in the battery compartment. The first three (3) digits after LOT represent the Julian date that the product was manufactured and the next two (2) digits represent the last two numbers of the calendar year the product was manufactured. The last identifiers are the letters that represent the manufacturer.

An example: LOT 11614K, this product has been manufactured on the 116th day of the year 2014.
Errors and troubleshooting

<table>
<thead>
<tr>
<th>Error message</th>
<th>Situation</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Image" /></td>
<td>No lens filter is attached.</td>
<td>Attach new, clean lens filter.</td>
</tr>
<tr>
<td><img src="image2" alt="Image" /></td>
<td>The thermometer probe was not positioned securely in the ear. An accurate measurement was not possible.</td>
<td>Take care that the positioning of the probe is correct and remains stable. Replace lens filter and reposition. Press Start button to begin a new measurement.</td>
</tr>
<tr>
<td><img src="image3" alt="Image" /></td>
<td>Ambient temperature is not within the allowed operating range (10 – 40 °C or 50 – 104 °F).</td>
<td>Allow the thermometer to remain for 30 minutes in a room where the temperature is between 10 and 40 °C or 50 and 104 °F.</td>
</tr>
<tr>
<td><img src="image4" alt="Image" /></td>
<td>Temperature taken is not within typical human temperature range (34 – 42.2 °C or 93.2 – 108 °F).</td>
<td>Make sure the probe tip and lens are clean and a new, clean lens filter is attached. Make sure the thermometer is properly inserted. Then, take a new temperature.</td>
</tr>
<tr>
<td><img src="image5" alt="Image" /></td>
<td>System error – self-check display flashes continuously and will not be followed by the ready beep and the ready symbol.</td>
<td>Wait 1 minute until the thermometer turns off automatically, then turn on again. If error persists, reset the thermometer by re-moving the batteries and putting them back in. If error still persists, please contact the service centre.</td>
</tr>
<tr>
<td><img src="image6" alt="Image" /></td>
<td>Battery is low, but thermometer will still operate correctly.</td>
<td>Insert new batteries.</td>
</tr>
<tr>
<td><img src="image7" alt="Image" /></td>
<td>Battery is too low to take correct temperature measurement.</td>
<td>Insert new batteries.</td>
</tr>
</tbody>
</table>

Product specifications

- Displayed temperature range: 34 – 42.2 °C (93.2 – 108 °F)
- Operating ambient temperature range: 10 – 40 °C (50 – 104 °F)
- Storage temperature range: -25 – 55 °C (-13 – 131 °F)
- Operating and storage relative humidity: 10 – 95 %RH (non condensing)
- Display resolution: 0.1 °C or °F

**Accuracy for displayed temperature range**

<table>
<thead>
<tr>
<th>Maximum Laboratory Error</th>
</tr>
</thead>
<tbody>
<tr>
<td>35 °C – 42 °C (95 °F – 107.6 °F):</td>
</tr>
<tr>
<td>outside this range:</td>
</tr>
<tr>
<td>clinical repeatability:</td>
</tr>
</tbody>
</table>

**Battery life:**
- 2 years / 600 measurements
- 5 years

This thermometer is specified to operate at 1 atmospheric pressure or at altitudes with an atmospheric pressure up to 1 atmospheric pressure (700-1060hPa).

Equipment with type B applied parts

| See Instruction for use | Operating temperature | Storage temperature | Keep it dry |

Subject to change without notice.

This appliance conforms to the following standards:

- Standard Reference Edition Title:
  - EN 1041: 2008 Information supplied by the manufacturer of medical devices.
  - EN 60601-1-11: 2010 Medical electrical equipment -- Part 1-11: General requirements for basic safety and essential performance – Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment.

This product conforms to the provisions of the EC directive 93/42/EEC.

Medical electrical equipment needs special precautions regarding EMC. For detailed description of EMC requirements please contact your authorized local service centre (See guarantee card). Portable and mobile RF communications equipment can affect Medical electrical equipment.

Please do not dispose of the product in the household waste at the end of it useful life. To protect the environment, dispose of empty batteries at appropriate collection sites according to national or local regulations.
Limited warranty

This product comes with limited warranty commencing on the date of purchase (See warranty card for details). Within the warranty period we will eliminate, free of charge, any defects in the appliance resulting from faults in materials or workmanship, by replacing the complete appliance.

This warranty is applicable only for the appliance supplied by the appointed distributor. This warranty does not cover: damage due to improper use, normal wear or use as well as defects that have a negligible effect on the value or operation of the appliance. The warranty becomes void if repairs are undertaken by unauthorized persons and if original Braun parts are not used.

HK Listing No.: 150181

Guidance and manufacturer’s declaration – electromagnetic emissions

The IR thermometer equipment is intended for use in the electromagnetic environment specified below. The customer or the user of the IR thermometer should assure that it is used in such an environment.

<table>
<thead>
<tr>
<th>Emissions test</th>
<th>Compliance</th>
<th>Electromagnetic environment – guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF Emissions CISPR 11</td>
<td>Group 1</td>
<td>The ME equipment uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.</td>
</tr>
<tr>
<td>RF Emissions CISPR 11</td>
<td>Class B</td>
<td>Complies</td>
</tr>
<tr>
<td>Harmonic emissions IEC 61000-3-2</td>
<td>Not applicable</td>
<td>The ME equipment is solely battery powered.</td>
</tr>
<tr>
<td>Voltage fluctuations / flicker emissions</td>
<td>Not applicable</td>
<td></td>
</tr>
</tbody>
</table>

Guidance and manufacturer’s declaration – electromagnetic immunity

The IR thermometer is intended for use in the electromagnetic environment specified below. The customer or the user of the IR thermometer should assure that it is used in such an environment.

<table>
<thead>
<tr>
<th>Immunity test</th>
<th>IEC60601 test level</th>
<th>Compliance level</th>
<th>Electromagnetic environment – guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrostatic discharge (ESD) IEC 61000-4-2</td>
<td>±6kV Contact ±8kV Air</td>
<td>Complies</td>
<td>Floors should be wood, concrete, or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.</td>
</tr>
</tbody>
</table>

Non-Life Support Equipment Separation Distance Calculation

(3Vrms / 3V/m compliance)

<table>
<thead>
<tr>
<th>Rated maximum output power of transmitter (W)</th>
<th>Separation distance according to frequency of transmitter (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 kHz to 80 MHz in ISM bands</td>
<td>80 MHz to 800 MHz</td>
</tr>
<tr>
<td>150 kHz to 80 MHz</td>
<td>80 MHz to 800 MHz</td>
</tr>
</tbody>
</table>

| 0.01 | 0.12 | 0.12 | 0.23 |
| 0.1 | 0.37 | 0.37 | 0.74 |
| 1 | 1.17 | 1.17 | 2.33 |
| 10 | 3.69 | 3.69 | 7.38 |
| 100 | 11.67 | 11.67 | 23.33 |
百靈耳溫槍是為提供準確、安全和快速的耳道測溫而精心研製的。本耳溫槍的測溫頭設計能避免測溫頭插入耳道過深，以避免損傷耳膜。然而，無論是哪一種耳溫槍，都需要正確的操作技巧才能夠測得準確的溫度。因此，請仔細閱讀本說明書。百靈ThermoScan耳溫槍用於間歇性測量和觀察不同年齡人士的體溫，且僅供家庭使用。使用百靈耳溫槍並不能代替醫生的診斷。

IRT 6030

1. 耳套(20個一盒)
2. 位置偵測器
3. 準確測量指示燈
4. 更換耳套按鈕
5. 按鈕
6. 電源按鈕
7. 電池蓋
8. 保護盒

警告和注意事項

● 如身體出現原因不明的煩躁不安、嘔吐、腹瀉、脫水、食慾或行為模式出現變化、癲癇、肌肉疼痛、顫抖、脖子僵硬、小便疼痛等症狀，無論背景燈顯示何種顏色，以及即使沒有發燒跡象，亦應盡快求醫。
● 如耳溫槍顯示體溫過高(IRT 6520 顯示黃色或紅色背燈)，請求醫。

本耳溫槍的操作環境溫度為10°C至40°C(50°C至104°F)。切勿將本耳溫槍放置於極端溫度(－25°C至－13°F以下或55°C至131°F以上)或高濕度(95%RH以上)環境。本耳溫槍只能配合原裝百靈ThermoScan耳套(LF40)使用。

為免影響測量的準確度，使用本耳溫槍時必須套上潔淨的新耳套。

若在沒有套上耳套的情況下不恰使用了本耳溫槍，請清潔測溫頭（參閱「保養和清潔」部分）。切勿讓兒童接觸耳套。
本耳溫槍只適合家居使用。本產品並非用於診斷疾病，但能有效反映體溫狀況。本耳溫槍不能代替醫生的診斷。

AgeSmart年齡選擇功能不適用於早產嬰兒或胎齡不足的嬰兒，亦不適用於測量低體溫。切勿讓兒童在無人監管的情況下自行測量體溫。

未经製造商授權，切勿改裝本耳溫槍。

如家長/監護人發現嬰幼兒有任何不良狀況或症狀，應與兒科醫生聯絡。例如，若兒童出現煩躁不安、嘔吐、腹瀉、脫水、癲癇發作等症狀，或食慾或行為發生變化等，即使沒有發燒或出現體溫偏高，仍可能需要就醫。若兒童正在服用抗生素、止痛藥或退燒藥，不宜只憑體溫讀數判斷其病情的輕重。

若AgeSmart年齡選擇功能顯示體溫讀數上升，可能是出現嚴重疾病的徵兆，尤其是年老體弱、免疫力低下的人，或新生兒和嬰兒。若測量到以下人士體溫上升，請立即就醫：

- 新生兒及不足三個月的嬰兒（如體溫超過37.4°C或99.4°F，請立即求醫）
- 60歲以上長者
- 糖尿病患者或免疫力低下的人士（例如愛滋病病毒測試結果呈陽性的人士、接受癌症化療、慢性顆粒性治療或腎切除術的人士）
- 長期臥床的病人（例如療養院病人、中風、慢性病患者，以及處於術後康復期的病人）
- 接受器官移植的患者（例如肝臟、心臓、肺或腎臟移植）

年長患者的發燒症狀可能會較為不明顯，甚至完全沒有症狀。本耳溫槍含有細小零件，若兒童不慎吞下，可能會造成窒息。切勿讓兒童接觸本耳溫槍。

體溫

人體的正常體溫是一個範圍。正常體溫範圍會因不同測量部位而有所不同，亦會隨著年齡的增長而下降。

每個人均有自己的正常體溫範圍，而人體於一天內的體溫會在該範圍內浮動。因此，確定自身的正常體溫範圍很重要。這一點，百靈ThermoScan耳溫槍能讓您輕易達成此目標，請利用本產品測量自己及家人的體溫，以確定大家的正常體溫範圍。

注意：就醫時，請告知醫生您提供的是耳溫。如可能，提供個人的ThermoScan正常體溫範圍作為參考。

AgeSmart™年齡選擇功能顏色背光顯示

臨床研究顯示，發燒的界定會隨著不同的年齡階段而變化，因此嬰兒、小童及成年人的發燒界定均有所不同。百靈AgeSmart年齡選擇功能以不同顏色顯示體溫狀況，讓您輕易掌握家庭成員的體溫狀況，而毋須胡亂猜測。

您只需使用AgeSmart按鈕選擇相對應的年齡設定，然後測量體溫。綠色顯示幕表示體溫正常，黃色顯示幕表示輕度發燒，紅色則表示高燒。

更換耳套標記閃爍，提醒您裝上耳套。
為獲得準確讀數，每次測量體溫前均應裝上潔淨的新耳套。
將耳溫槍測溫頭插入耳套盒，然後拉出，便可套上新的耳套。
注意：若未裝上耳套，百靈ThermoScan將無法操作。

利用AgeSmart年齡選擇功能按鈕 選擇年齡，如下圖所示。
按下按鈕可切換年齡組別。
注意：測溫前必須先選擇年齡組別。
0-3個月  >3-36個月  >36個月至成人

把測溫頭伸入耳道，然後按下並鬆開測溫按鈕。

ExacTemp正確測量指示燈會在測量過程中閃爍，成功測量體溫後，
便會持續發亮3秒。
注意：如在測量過程中，測溫頭正確插入耳道，耳溫槍會發出一聲長鳴，以示完成測量體溫。
若測溫頭在耳道中放置不穩，耳溫槍會發出一連串鳴響，ExacTemp正確測量指示燈熄滅，顯示幕則會顯示POS (POS=放置不當)。
詳情請參閱「故障排除」部分。

5
6

要進行下一次測量體溫，請按下更換鈕 取下並丟棄用過的耳套，然後換上潔淨的新耳套。
注意：若沒有使用AgeSmart年齡選擇功能按鈕轉換年齡組別，耳溫槍將維持上次測溫的年齡組別。
若連續60秒沒有操作，百靈ThermoScan耳溫槍會自動關機。您也可按下電源按鈕 關機。
顯示幕會短時間閃爍顯示OFF後熄滅。

測量體溫技巧
為確保衛生及準確地測量體溫，請務必每次更換新的一次性耳套。左右兩耳所測量的
讀數亦可能存在差異，因此請固定在同一邊耳朵測量體溫。為能準確測量體溫，請確
保耳內無堵塞物或耳垢。
以下外部因素會影響耳朵的溫度：
因素  會受到影響
測溫頭放置不當  
使用舊耳套  
測溫頭不乾淨  

耳溫槍顯示幕顯示如下畫面時，便可開始測量體溫。

溫度顯示

0-3  3-36  36+ Months

年齡組別
綠色 體溫正常
≥ 35.8 – ≤ 37.4 °C  （≥ 96.4 – ≤ 99.4 °F）
≥ 35.4 – ≤ 37.6 °C  （≥ 95.7 – ≤ 99.6 °F）
≥ 35.4 – ≤ 37.7 °C  （≥ 95.7 – ≤ 100.0 °F）

黃色 輕度發燒
>37.6 – ≤ 38.5 °C  (>99.6 – ≤ 101.3 °F)
>37.7 – ≤ 39.4 °C  (>99.9 – ≤ 103.0 °F)

紅色 高燒
>37.4 °C  (>99.4 °F)
>38.5 °C  (>101.3 °F)
>39.4 °C  (>103.3 °F)

6520
6030

顯示幕短時間閃爍顯示OFF後熄滅。
對於以下狀況，請等待20分鐘後再測量體溫。

因素  會受到影響
室溫太高或太冷  
戴助聽器  
躺在枕頭上  

若耳道內滴了耳藥水或其他藥物，請利用另一隻未經用藥的耳朵測量。

本耳溫槍附送兩粒1.5伏 AA (LR06) 電池。為保持最佳性能，我們建議使用金霸王®/金頂®鹼性電池。

顯示幕出現電池標誌時，請更換電池。

1 打開電池蓋取出舊電池，換上新電池，並確保電池的正負極方向正確。
2 蓋緊電池蓋。
3 請妥善處理用完的電池。為保護環境，請遵循國家或當地法規，將舊電池棄置於合適的回收點。

【校正】

本耳溫槍在製造時已校正過，若確實遵照本使用說明操作本產品，無需再作定期校正。若你懷疑測量值的準確性，請聯絡售後服務熱線。

製造日期請參見電池槽的產品編號。LOT後第一、二、三碼表示該年份的製造日，第四、五碼表示製造年份，最後的字母是製造商的代號。

舉例：LOT11614K代表產品於2014年第116日製造。
### 故障排除

<table>
<thead>
<tr>
<th>錯誤訊息</th>
<th>狀況</th>
<th>解決方法</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>POS</strong></td>
<td>测溫頭在耳道中放置不穩，無法獲得準確讀數。</td>
<td>正確放置測溫頭並保持穩定。更換耳套並重新放置。按下測溫按鈕重新測量。</td>
</tr>
<tr>
<td><strong>Err</strong></td>
<td>環境溫度超出正常操作範圍 (10 – 40 °C 或 50 – 104 °F)。</td>
<td>將耳溫槍留在溫度介於 10 – 40 °C 或 50 – 104 °F 的房間30分鐘。</td>
</tr>
<tr>
<td><strong>Hi</strong></td>
<td>所測量溫度超出人體溫度範圍 (34 – 42.2 °C 或 93.2 – 108 °F)。</td>
<td>確保位置偵測器和測溫頭清潔，並套上潔淨的新耳套。確保耳溫槍準確插入耳道，然後重新測量。</td>
</tr>
<tr>
<td><strong>Lo</strong></td>
<td>電池電量偏低，但耳溫槍仍能正常操作。</td>
<td>等待1分鐘，待耳溫槍自動關機，然後重新開機。</td>
</tr>
<tr>
<td><strong>Lo</strong></td>
<td>電池電量低，耳溫槍無法測量體溫。</td>
<td>換上新電池。</td>
</tr>
</tbody>
</table>

### 錯誤訊息 解決方法

- 套上潔淨的新耳套。
- 放置不當
- 環境溫度超出正常操作範圍 (10 – 40 °C 或 50 – 104 °F)
- 更換耳套並重新放置。按下測溫按鈕重新測量。
- 將耳溫槍留在溫度介於 10 – 40 °C 或 50 – 104 °F 的房間30分鐘。
- 確保位置偵測器和測溫頭清潔，並套上潔淨的新耳套。確保耳溫槍準確插入耳道，然後重新測量。
- 等待1分鐘，待耳溫槍自動關機，然後重新開機。
- 換上新電池。

### 產品規格

- 顯示溫度範圍：34 – 42.2 °C  (93.2 – 108 °F)
- 操作環境溫度範圍：10 – 40 °C  (50 – 104 °F)
- 存放溫度範圍：-25-55 °C  (-13 – 131 °F)
- 操作及存放相對濕度：10-95 % (無凝結)
- 顯示精確位數：0.1 °C 或 °F
- 顯示溫度範圍的精確度：
  - 實驗室最大誤差：35 °C  –  42 °C (95 °F  –  107.6 °F): ± 0.2 °C  (± 0.4 °F)
  - 此範圍以外：± 0.3 °C  (± 0.5 °F)
  - ± 0.14 °C  (± 0.26 °F)
- 臨床測量可重複性：± 0.14 °C  (± 0.26 °F)
- 電池壽命：2 年 / 600 次測量
- 備用電池：5 年

本產品符合EC指引93/42/EEC的規定。
有限保養
本產品保養期為自購買日起計, 詳細內容請見保養卡。在產品保養期內，我們會就因產品用料或工藝導致的故障提供免費保養，並會視情況作出維修或更換。本保養適用於授權分銷商銷售本產品的國家。

本保養並不涵蓋：因不當操作、正常磨損或使用造成的損壞，以及對本設備的數值或操作無明顯影響的瑕疵。若經非授權人士維修，或維修時不使用原廠百靈零件，保養將即時失效。

香港表列號碼: 150181

指南及製造商聲明 — 電磁輻射
本醫療電子設備適合在以下電磁環境使用。顧客或用戶應確保在此等環境下使用本設備。

<table>
<thead>
<tr>
<th>電磁輻射測試</th>
<th>遵循</th>
<th>電磁環境 — 指南</th>
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<tbody>
<tr>
<td>射頻輻射 CISPR 11</td>
<td>級1組</td>
<td>本醫療電子設備只利用射頻能量實現其內部功能，因此其射頻輻射相當輕微，不會對附近的電子設備造成任何干擾。</td>
</tr>
<tr>
<td>射頻輻射 CISPR 11 B 類</td>
<td>符合</td>
<td></td>
</tr>
<tr>
<td>諧波輻射 IEC 61000-3-2</td>
<td>不適用</td>
<td>本醫療電子設備只使用電池供電。</td>
</tr>
<tr>
<td>電壓波動/瞬變</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

指南及製造商聲明 — 電磁抗擾性
本醫療電子設備適合在以下電磁環境使用。顧客或用戶應確保在此等環境下使用本設備。

<table>
<thead>
<tr>
<th>抗擾測試</th>
<th>IEC60601測試標準</th>
<th>遵循水平</th>
<th>電磁環境 — 指南</th>
</tr>
</thead>
<tbody>
<tr>
<td>靜電放電 (ESD) IEC 61000-4-2</td>
<td>±6kV 接觸 ±8kV 空氣</td>
<td>符合</td>
<td>地板材料應為木、混凝土或瓷磚，若在地板上鋪上合成材料，相對濕度至少要達到 30%。</td>
</tr>
</tbody>
</table>

射頻輻射耐受性
IEC 61000-4-3
3 V/m 80MHz 至 2.5GHz
符合

射頻傳導耐受性
IEC 61000-4-6
3Vrms 150kHz 至 80MHz
不適用（不包含導線）

快速瞬變電
IEC 61000-4-4
±2kV 額定電線
±1kV I/O 線
不適用（不包含導線）

靜電放電 (ESD)
IEC 61000-4-2
±6kV 接觸 ±8kV 空氣
符合

射頻抗擾性
本醫療電子設備只使用電池供電。

非生命支援設備的分隔距離計算
( 遵循 3Vrms / 3V/m )

<table>
<thead>
<tr>
<th>發射器的額定最大輸出功率 (W)</th>
<th>按發射器頻率計算的分隔距離 (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.01</td>
<td>0.12</td>
</tr>
<tr>
<td>1</td>
<td>0.37</td>
</tr>
<tr>
<td>10</td>
<td>1.17</td>
</tr>
<tr>
<td>100</td>
<td>3.69</td>
</tr>
<tr>
<td>0.1</td>
<td>0.37</td>
</tr>
<tr>
<td>1</td>
<td>1.17</td>
</tr>
<tr>
<td>10</td>
<td>3.69</td>
</tr>
<tr>
<td>100</td>
<td>11.67</td>
</tr>
</tbody>
</table>