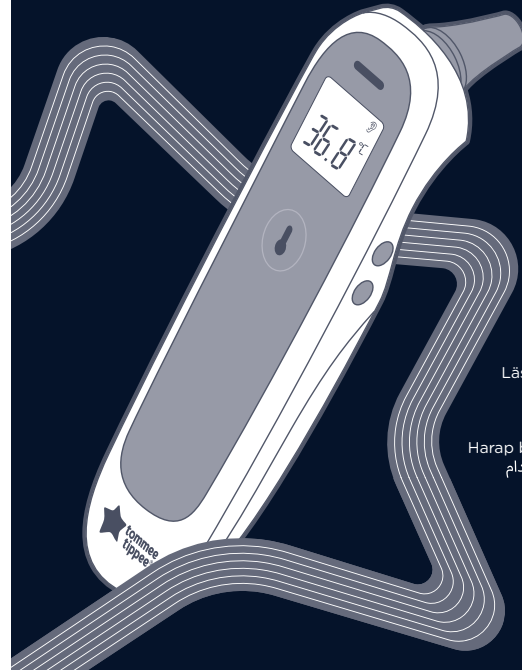


Instructions for use



inearTM

infrared thermometer



Läs instruktionerna innan
användning
Lütfen kullanim
talimatlarını okuyun
Harap baca petunjuk penggunaan
يرجى قراءة تعليمات الاستخدام
請閱讀使用說明

0499057

Here for you

Your baby may get a fever from time to time and keeping track of their temperature is important.

Our digital in-ear thermometer is quick, accurate and easy to use.

And that's when you can count on us.

Questions?

For further information or support, please scan below to visit our consumer support page at tommeetippee.com



Or join the conversation



EN | IMPORTANT WARNINGS

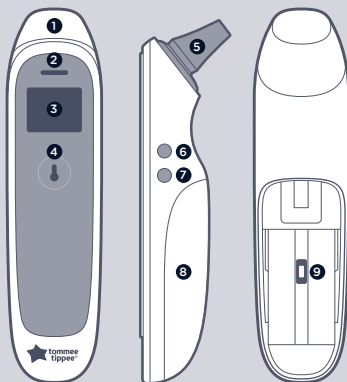
These instructions can also be found at tommeetippee.com

- This thermometer is not intended as a substitute for consultation with your doctor.
- Adult use only
- Keep out of reach of children when not in use
- Do not allow children to take their own temperature unattended.
- To avoid risk of choking from swallowing small parts or batteries please keep the device out of the reach of children and pets.
- The device should not be submerged into water or other liquids (not waterproof).
- The probe lens is the most delicate part of the thermometer. Use with care when cleaning the probe lens to avoid damage. See care and cleaning section.
- Do not use the thermometer if there are signs of damage to the lens or the thermometer itself. If damaged do not attempt to repair the product.
- No modification of this equipment is permitted.
- Intended for household use only.
- Do not use in direct sunlight
- If the thermometer is used according to the instructions, periodic re-adjustment is not required.

1. Cleaning and storage

The lens in the probe is the most delicate part of the thermometer. When cleaning the lens, handle with care to avoid damage.

- Make sure the scanner lens is clean to ensure an accurate reading.
- Use a 70% alcohol swab or cotton wool moistened with 70% alcohol to gently wipe the lens clean.
- Allow the lens to fully dry for at least 1 minute.
- Never insert a sharp object into the scanner area or any other open surface on the thermometer, because this will cause damage and affect functionality.
- Keep the thermometer dry and away from any liquids and direct sunlight.
- The thermometer should be stored at temperature between -20°C to +50°C.



1. Probe cover
2. Light indicator
3. LCD display
4. Power button / Measure button
5. Probe (take off the probe cover when measuring temperature)
6. Memory / Mute button
7. Mode button (Object temperature, ear temperature)
8. Battery cover
9. Unit switch button (°C/°F)

2. Functions

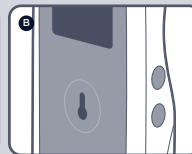


1. Object temperature mode
2. Ear temperature mode
3. Mute / un-mute
4. Temperature (°C/°F)
5. Low battery
6. Memory recall
7. Temperature value

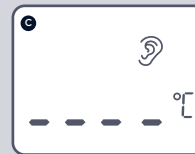
3. How to use - Ear Temperature Mode



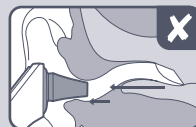
A. Remove the probe cover



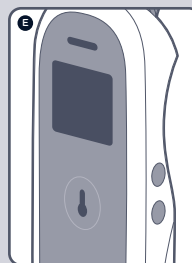
B. Switch the thermometer on by pressing the power button



C. The thermometer will automatically appear in ear mode



D. Insert the temperature probe into a proper position in the ear canal. Gently pull baby's ear upwards to straighten the ear canal for an accurate reading.



E. Press the measure button to take the temperature



F. The reading will appear on the screen

4. Tips for taking an accurate reading

- Child must be inside for 30 minutes before taking a measurement.
- The child and device must be in the same stable ambient (room) temperature for 30 minutes before operating.
- Always make sure the scanner lens is clean and undamaged.
- Child should not drink, eat or be physically active before / while taking the measurement.
- Remove hats and wait 10 minutes before taking a measurement.
- Don't take a measurement during or immediately after nursing a baby.
- Wait at least 60mins after bathing to take a reading.

5. How to interpret your reading

Child (from 3 months+)

Green - OK - 34.0°C - 37.5°C

Red - Fever - 37.6°C - 43°C

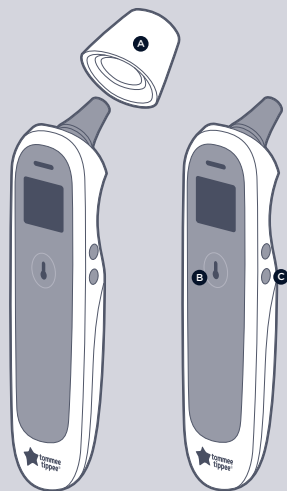
6. Memory function

The memory function is great if you want to look back on your last 20 readings, maybe to show a healthcare professional.




When the product is switched on, press the memory button. The screen will display "01" followed by the recorded reading. Press the memory button again to retrieve the second reading, and so on for the past 20 readings

7. How to use - Object Temperature Mode



A. Remove the probe cover

B. Switch the thermometer on by pressing the power button




C. Switch to the object measurement mode by pressing the Mode button 






D. Point the Infrared sensor to the centre of the object 1-3 cm away, then press and release the Measure button. The object temperature will be displayed on the screen

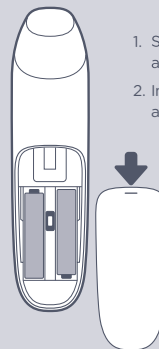


8. Troubleshooting

	The ambient temperature is higher than 40°C (104°F) or lower than 10°C (50°F). Gently pull baby's ear upwards to straighten the ear canal for an accurate reading	A long beep, the indicator is red.
	An error occurs when the data is being read from or written to the memory, or the temperature correction is not complete. Press the measure button again and new measurement should be displayed on screen.	A long beep, the indicator is red.
	When the battery voltage is lower than 2.5V ± 0.1V, the low battery symbol will appear on the display. Please replace the batteries.	Silent.

- How to mute - Whilst the product is on, press and hold the memory/mute button for approximately 3 seconds.  will appear on LCD display.
- How to resume sound - Whilst the product is on, and the  is displayed on the LCD display press and hold the memory/mute button for approximately 3 seconds. A beep will sound and the  will disappear.
- Switching between °C/°F: Remove the battery cover, and toggle the °C/°F button in the battery compartment.

9. Replacing the batteries



1. Slide the battery cover off along the marked direction and take it off.
2. Insert the two alkaline AAA batteries into the compartment according to the stated polarities.
 - Make sure that the batteries are installed correctly.
 - If the low-battery symbol is displayed on the screen, replace the batteries.
 - Batteries of the same type should be used. Dispose the used batteries in accordance with the local environmental policies.
 - The thermometer is supplied with batteries.
 - Not suitable for rechargeable batteries.

FIND OUT HOW TO USE
SCAN QR CODE ON THE BACK OF THE PRODUCT

Product Specifications

Product Name: Infrared Thermometer
 Product Model: JPD-FR302
 Power Supply Mode: Internal power supply
 Operating Voltage: DC 3V
 Battery Model: AAA x 2
 Operating Mode: Continuous operating
 Display Segment LCD
 Measure time: About 1 second
 Latency Time: About 3 seconds
 Measuring Range: Ear mode: 34.0°C–43.0°C (93.2°F–109.4°F)
 Object mode: 0.0°C–100.0°C (32.0°F–212.0°F)
 Accuracy (Laboratory): Ear mode: ±0.2°C (36.0°C–39.0°C); ±0.3°C (34.0°C–36.0°C / 39.0°C–43.0°C); Object mode: ±1.0°C/±2.0°F
 Accuracy (Clinical): ±0.3°C (±0.6°F)
 Measuring site: Ear canal
 Reference body site: Armpit
 Resolution: 0.1°C (0.1°F)
 Mode of operation: Adjusted mode
 Memory: 20 temperature readings
 Low-battery Alert: The low-battery symbol is displayed if the power voltage is lower than 2.5 V±0.1V
 Automatic Power-off: The thermometer automatically powers off if it is not used in 10±1 seconds.
 Outer dimensions (mm): 155.5×37.5×39 mm
 Weight (g): Thermometer (with batteries): 94g
 Manufacturing date: see the label
 Service life: 2 years
 Battery Life: Alkaline dry battery for around 20,000 measurements

Operating Environment:

Temperature: 10°C–40°C (50°F–104°F)
 Humidity: 15%–95% RH, non-condensing
 Atmospheric pressure: 86–106 kPa
 The infrared thermometer has been tested and conforms to the standard ASTM E1965-98. ASTM laboratory accuracy requirements in the display range of 96.8°F to 102.2°F (36°C–39°C) for ear canal IR thermometers is ±0.4°F (±0.2°C). Note that for mercury-in-glass and electronic thermometers, the requirement per ASTM Standards E677-86 and E1112-86 is ±0.2°F (±0.1°C).

Security Class

Type of protection against electric shock: internally powered equipment. Degree of protection against electric shock: Type BF applied part.
 • Degree of protection against ingress of water: IP22
 • Safety degree of using in flammable anesthetic gas blending with air, oxygen or nitrous oxide: Non-AP/AGP
 • No application parts of the thermometer prevents defibrillation charge effect.
 • No application parts of the thermometer output signal.
 • The thermometer is permanent installed device.

Storage and Transportation:

The thermometer can be transported using general transportation tools. Severe vibration, shock, or rain must be avoided during transportation. The thermometer must be packaged and then stored in a well-ventilated room without corrosive gas. The ambient temperature must be between -20°C and +50°C (-4°F–122°F); the relative humidity must be 15%–95%RH, (non-condensing), and the atmospheric pressure must be 50–106 kPa.

EMC Information-Guidance and Manufacturer's Declaration

CAUTION:

- The Infrared Thermometer JPD-FR302 needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided for in the ACCOMPANYING DOCUMENTS.
- Portable and mobile RF communications equipment can affect Infrared Thermometer JPD-FR302.
- The Infrared Thermometer JPD-FR302 should not be used adjacent to or stacked with other equipment.

Guidance and manufacturer's declaration –

Electromagnetic emission for all equipment and systems
 The Infrared Thermometer JPD-FR302 is intended for use in the electromagnetic environment specified below. The customer or the user of the Infrared Thermometer JPD-FR302 should assure that it is used in such an environment.

Emissions test	Compliance	Electromagnetic environment guidance
RF emissions CISPR II	Group 1	The Infrared Thermometer JPD-FR302 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.
RF emissions CISPR II	Class B	The Infrared Thermometer JPD-FR302 is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.

Guidance and manufacturer's declaration –

Electromagnetic immunity for all equipment and systems
 The Infrared Thermometer JPD-FR302 is intended for use in the electromagnetic environment specified below. The customer or the user of the Infrared Thermometer JPD-FR302 should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment guidance
Electrostatic discharge (ESD) IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact ±8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

Guidance and manufacturer's declaration –

Electromagnetic immunity for equipment and systems that are not life-supporting
 The Infrared Thermometer JPD-FR302 is intended for use in the electromagnetic environment specified below. The customer or the user of the Infrared Thermometer JPD-FR302 should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment guidance
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	3 V/m	Portable and mobile RF communications equipment should be used no closer to any part of the JPD-FR302, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance $d = \left(\frac{3}{E} \right) \sqrt{P}$ 80 MHz to 800 MHz $d = \left(\frac{7}{E} \right) \sqrt{P}$ 800 MHz to 2.5 GHz where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m). Field strengths from fixed RF transmitters, as determined by an Electromagnetic (a) site survey, a should be less than the compliance level in each frequency range (b). Interference may occur in the vicinity of equipment marked with the following symbol:
NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies. NOTE 2 These guidelines may not apply in all situations. Electromagnetic is affected by absorption and reflection from structures, objects and people.			
a. Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the JPD-FR302 is used exceeds the applicable RF compliance level above, the JPD-FR302 should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the JPD-FR302. b. Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.			

Recommended separation distances between portable and mobile RF communications equipment and the EQUIPMENT OR SYSTEM- FOR EQUIPMENT AND SYSTEMS that are NOT LIFE-SUPPORTING

The Infrared Thermometer JPD-FR302 is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the Infrared Thermometer JPD-FR302 can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the Infrared Thermometer JPD-FR302 as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m	
	80 MHz to 800 MHz $d = \left(\frac{3}{E} \right) \sqrt{P}$	800 MHz to 2.5 GHz $d = \left(\frac{7}{E} \right) \sqrt{P}$
0.01	0.12	0.23
0.1	0.38	0.73
1	1.2	2.3
10	3.8	7.3
100	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.
 NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.
 NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.



CAUTION



BF type applied part.

IP22

Classification for water ingress and particulate matter.



Indicates this device is subject to the Waste Electrical and Electronic Equipment Directive in the European Union. To protect the environment disposal of useless device at appropriate collection sites according to national or local regulations.



Please read instructions



Battery recycling



Information on the Disposal of Waste Electrical and Electronic Equipment (WEEE)

This symbol means that your product shall be disposed of separately from household waste in accordance with local laws and regulations. When this product is ready for disposal, take it to a collection point designated by local authorities. Separating and recycling of your product at the time of disposal will help conserve natural resources and ensure that the product is recycled in a manner that protects human health and the environment. Penalties may be applicable for the incorrect disposal of this product in accordance with national legislation.



Manufactured by: Shenzhen Jumper Medical Equipment Co., Ltd.
 Address: D Building, No. 71, Xintian Road, Fuyong Street, Baoan, Shenzhen, Guangdong, China

Distributed by: Mayborn (UK) Limited, Balliol Business Park, Newcastle upon Tyne, NE12 5EW.
 Mayborn France Sarl, 92000, France.
 Mayborn USA Inc, CT 06901, USA.



MedPath GmbH
 Mies-van-der-Rohe-Strasse 8, 80807 Munich, Germany.



0482



CN | 請閱讀使用說明

您也可以在此 tommeetippe.com 上找到以下說明

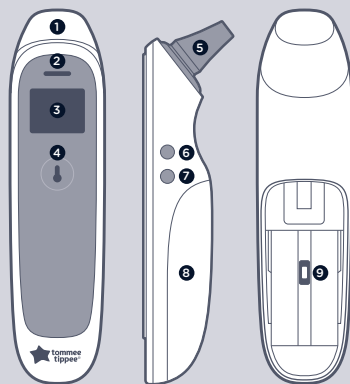
- 本體溫度計並不能替代您與醫生的會診。
- 僅限成人使用。
- 不使用時請置於兒童可觸及範圍之外。
- 勿使兒童在未受看管的情形下自行量取體溫。
- 為避免因吞嚥小部件或電池而導致窒息的風險，請將設備置於兒童和寵物接觸不到的地方。
- 不應將設備浸入水中或其他液體中（設備不防水）。
- 探頭部位的透鏡是溫度計最精密的部分。清潔探頭透鏡時請小心進行，以免損壞透鏡。參見保養和清潔部分。
- 如果透鏡或溫度計本身有損壞的跡象，請勿使用溫度計。如果造成損壞，請勿嘗試自行修理產品。
- 不得改動本設備。
- 僅供家庭使用。
- 請勿在陽光直射下使用。

1. 清潔與儲存

探頭部位的透鏡是體溫計中最精密的部分。清潔探頭透鏡時請小心進行，以免損壞透鏡。

- 保持掃描器鏡片清潔，以確保讀數準確。
- 使用 70% 酒精濃度的棉花棒或以棉絮沾取 70% 濃度酒精，輕輕擦拭清潔鏡片。
- 讓鏡片完全晾乾至少 1 分鐘。
- 切勿將尖銳物體插入掃描器區域或溫度計上的任何其他開放表面，否則會造成損壞並影響功能。
- 不應將探頭浸沒在任何液體中。

體溫計應存放在 -20°C 至 $+50^{\circ}\text{C}$ 之間。



1. 探頭蓋
2. 指示燈
3. LCD顯示
4. 電源鍵/測量按鈕
5. 探頭 (測量耳溫時請取下探頭蓋)
(應用部分)
6. 記憶按鈕
7. 模式 (物體溫度、耳溫)
8. 電池蓋
9. 單位切換開關 ($^{\circ}\text{C}/^{\circ}\text{F}$)

2. Functions 存

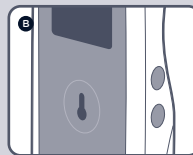


1. 物體模式
2. 耳溫模式
3. 靜音/取消靜音
4. 溫度單位 ($^{\circ}\text{C}/^{\circ}\text{F}$)
5. 低電量
6. 記憶
7. 溫度

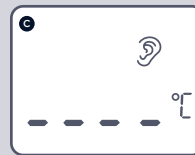
3. 如何使用 - 耳溫模式



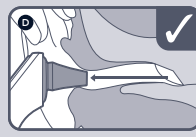
A. 取下探頭蓋



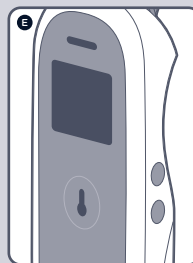
B. 按下電源開關，
開☑體溫計



C. 體溫計會自動顯示
耳溫模式



D. 將體溫計探頭放入
耳道中的合適位置。輕輕向
上拉寶寶的耳朵，
使耳道變直，以獲取準確
讀數。



E. 按下測量按鈕，
測量體溫



F. 讀數將顯示在
屏幕上

4. 測量準確讀數的小貼士

- 測量前，兒童必須已在室內達 30 分鐘。
- 操作前，兒童和設備必須在相同穩定的環境(室溫)溫度下保持 30 分鐘。
- 始終確保掃描透鏡保持清潔且未損壞。
- 在進行測量之前/期間，兒童不應飲酒、進食或進行體力活動。
- 取下帽子，並等待 10 分鐘後再進行測量。
- 不要在哺乳時或哺乳後立即進行測量。
- 盆浴後請至少等待 60 分鐘再測量。

5. 如何解讀您的讀數

兒童 (3個月及以上)

綠色 - 溫度正常 - 34.0°C - 37.5°C

紅色 - 發燒 - 37.6°C - 43°C

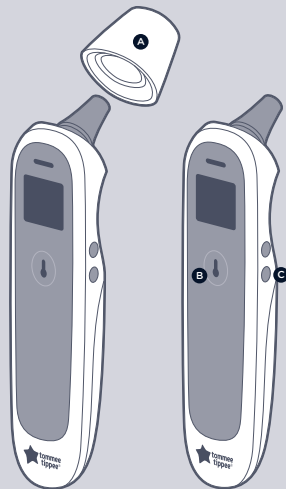
6. 記憶功能


如果您想回訪最近的 20 次讀數 (如為了向醫療保健專業人士展示記錄), 可以使用記憶功能。



☑ 動產品開關後, 按下記憶按鈕。屏幕將顯示 01; 然後顯示所記錄的讀數。再次按下記憶按鈕即可檢索第二個讀數, 以此類推, 可讀取此前的 20 個讀數

7. 如何使用 - 物體模式






- 取下探頭蓋
- 按下電源開關, 開☑體溫計
- 按下模式按鈕, 切換到物體測量模式 






- 將 IR 傳感器指向距離 1-3 厘米外的物體中心, 然後按下測量按鈕並鬆開。物體的溫度將在屏幕上顯示

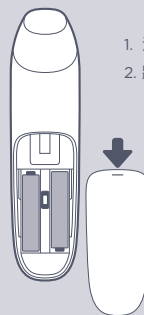


8. 故障排除

	環境溫度高於 40°C (104 °F) 或低於 10°C (50 °F), 輕輕向上拉寶寶的耳朵, 使耳道變直, 以獲取準確讀數	設備將發出長嗶聲, 並顯示紅燈
	內存讀取或寫入數據時發生錯誤, 或是未完成溫度校正 再次按下測量按鈕, 螢幕上將會顯示新的測量區。	設備將發出長嗶聲, 並顯示紅燈
	當電池電壓低於 2.5V ± 0.1V 時, 顯示屏上將出現低電量符號。請更換電池	寧靜

- 如何靜音 - 在產品開☑時,  按住記憶/靜音按鈕約 3 秒, 將出現在 LCD 顯示屏上。
- 取消靜音 -  當產品開☑時, LCD 顯示屏上會顯示。按住記憶/靜音按鈕約 3 秒, 便會發出嗶聲, 然後將消失,  並且產品將處於聲音模式。
- °F/°C 切換 取下電池蓋, 撥動電池倉內的 °C / 單位。

9. 更換電池



- 沿標記方向滑開電池蓋, 將其取下
- 將兩節 AAA 鹼性電池插入電池盒
 - 確保安裝正確電池。
 - 如果屏幕上顯示低電量符號, 請更換電池。
 - 應使用相同類型的電池。根據您的當地環保政策處理廢舊電池。
 - 本溫度計配有電池。
 - 不適合使用充電電池。

了解如何使用
請掃描產品背面的二維碼

產品規格
 產品名稱: 紅外線溫度計
 產品型號: JPD-FR302
 供電模式: 內部供電
 工作電壓: DC 3V
 電芯模型: AAA x 2
 工作模式: 連續工作
 顯示: 液晶溫度顯示器
 測量時間: 約1秒
 延遲時間: 約3秒
 測量範圍: 耳溫模式: 34.0°C-43.0°C (93.2°F-109.4°F)
 物體模式: 0.0°C-100.0°C (32.0°F-212.0°F)
 Accuracy (Laboratory): 耳溫模式: ±0.2°C (36.0°C-39.0°C); ±0.3°C (34.0°C-36.0°C) / 39.0°C-43.0°C);
 物體模式: ±1.0°C/±2.0°F
 準確度 (臨床): ±0.3°C (±0.6°F)
 測量部位: 耳道
 參照身體部位: 鼓窩
 解析度: 0.1°C (0.1°F)
 操作模式: 調整模式
 記憶: 20個溫度讀數
 如果電源電壓低於 2.5V±0.1V, 則將顯示低電量符號
 自動關機: 本溫度計在未使用達 10±1 秒左右將自動關機。
 外形尺寸 (mm): 155.5x37.3x39.1mm
 重量 (g) 溫度計 (含電芯): 94g
 生產日期: 請見標籤
 使用寿命: 3年
 電芯壽命: 餘量性乾電池可測量約

工作環境:
 溫度: 10°C-40°C (50°F-104°F)
 濕度: 15%-95% 非冷凝
 大氣壓: 86-106 kPa
 本紅外線溫度計已經過測試, 符合 ASTM E1965-98標準, ASTM 實驗室
 對耳道紅外線溫度計在 96.8°F 至 102.2°F (36°C-39°C) 顯示
 範圍內的精度要求為 ±0.4°F (±0.2°C), 請注意, 對於玻璃水銀溫度
 計和電子溫度計, ASTM 標準 567-86 和
 E1112-86 的要求為 ±0.2°F (±0.1°C)。

安全等級
 防觸電保護類型: 內部供電設備, 電擊防護等級: BF類型應用部分。
 • 防水等級: IP22
 • 在與空氣、氧氣或一氧化二氮混合的易燃麻醉氣體中
 使用的安全等級: 非A/APG
 • 本溫度計的任何應用部件都無法防止除額充電效應。
 • 溫度計中無應用部分會發出信號。
 • 本溫度計是非永久安裝設備。

儲存與運輸 **Storage and Transportation:**
 可以使用一般運輸工具運輸本溫度計, 運輸過程中必須避免劇烈
 振動、衝擊或雨淋, 必須包好本溫度計, 然後存放在通風良好、無
 腐蝕性氣體的室內, 環境溫度必須在 -20°C和+50°C (4°F-122°F)
 之間, 相對濕度必須在 15%-95%R.H. (非冷凝) 之間, 大氣壓必須
 在 50-106 kPa 之間。

EMC 信息 指和製造商聲明 E
 警告:
 • 紅外線溫度計 JPD-FR302 需要
 針對 EMC 採取特殊的預防措施, 並且需要根據隨
 附文件中提供的 EMC 信息進行安裝和使用。
 • 便攜式和移動射頻通信設備會影響 JPD-FR302
 紅外線溫度計。
 • 紅外線溫度計 JPD-FR302 不應與其他設備相鄰使用或
 與其他設備堆疊在一起。

指和和製造商聲明: 電磁輻射: 對所有設備和系統
 本紅外線溫度計 JPD-FR302 旨在用於以下指定電磁環境。本紅外線
 溫度計 JPD-FR302 的客戶或 用戶應確保在
 此類環境中使用該溫度計。

輻射測試	合規性	電磁環境-指南
RF 輻射 CISPR II	1 級	紅外線溫度計 JPD-FR302 傳輸射頻能量於其內部 功能, 因此, 它的射頻輻射 非常低, 不太可能對附近的電子 設備造成任何干擾。
RF emissions CISPR II	B 類	紅外線溫度計 JPD-FR302 適用於所有場所, 包括家庭場所和 直接連接到家用建築物 供電的公共低壓配電網絡的場所。

指和和製造商聲明
 相關設備和系統的電磁抗擾度
 本紅外線溫度計 JPD-FR302 旨在用於
 以下指定電磁環境。紅外線溫度計 JPD-FR302 的客戶或
 用戶應確保在此類環境中使用該溫度計。

免疫測試	IEC 60601 測試水平	合規水平	電磁環境-指南水平
靜電 放電 (ESD) IEC 61000-4-2	+6 kV 接觸 +8 kV 空氣 空氣	+6 kV 接觸 +8 kV 空氣	地面應為大數、 混凝土或瓷磚地, 如果 地板覆蓋有合成材料, 則相對濕 度應至少為 30%。
電源頻率 (50/60 Hz) 磁場 IEC 61000-4-8	3 A/m	3 A/m	工廠磁場應處於典型 商業 或醫院環境中典型位置的 水平。

指和和製造商聲明: 電磁
 抗擾度-適用於非生命支持設備和系統
 本紅外線溫度計 JPD-FR302 旨在用於
 以下指定電磁環境。本紅外線溫度計 JPD-FR302 的客戶或
 用戶應確保在此類環境中使用該溫度計。

免疫測試	IEC 60601 測試水平	合規水平	電磁環境-指南
輻射 射頻 RF IEC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	3 V/m	使用便攜式和移動 RF 通信 設備時距離 JPD-FR302 的任何部分 (包括電纜) 不得 超過 0.17 連續 的距離。包括 電纜, 該距離 是根據適用於 發射器頻率的公式 計算得出的。 d 是推測的開關距離。 $d = \left(\frac{3}{\sigma} \right) \sqrt{P} \text{ 80 MHz to 800 MHz}$ $d = \left(\frac{7}{\sigma} \right) \sqrt{P} \text{ 800 MHz to 2.5 GHz}$ 以米 (m) 為單位, 其中 P 是發射器 射頻製造商以 瓦特 (W) 為單位的 發射器的最大額定 輸出功率。來自額定 射頻發射器的場強, 由 電磁環境評估 (EMF) 應小於: 每個頻率範圍內 的合規水平, b 標有 以下符號的設備 附近可能會出現: 
注 1 在 80 MHz 和 800 MHz 時, 適用較高的頻率範圍。 注 2 這些指南可能不適用於所有情況。 電磁受結構、物體和人的吸收和反射的影響。			
a. 固定發射器的場強, 例如無線電 (線/無線) 電話和陸地移動無線電、業務 無線電, AM 和 FM 無線電廣播和電視廣播的基站。 在理論上無法準確預測, 為了評估固定射頻發射器的電磁環 境, 應考慮進行電磁場測勘。如果在使用 JPD-FR302 的 位置測得的場強超過上述適用的射頻 合規水平, 則應觀察 JPD-FR302 以驗證 是否運行。如果觀察到異常性能, 可能 需要採取其他措施, 例如重新定向或重新定位 JPD-FR302 。b. 在 150 kHz 至 80 MHz 的頻率範圍內, 場強 應小於 3 V/m。			

便攜式和移動射頻通信設備與
 設備或系統之間的推薦間隔距離, 非用於生命支持的設備和系統
 本紅外線溫度計 JPD-FR302 旨在用於
 以下指定電磁環境。根據通信設備的 最大輸出功率, 紅外線溫度計
 JPD-FR302 的客戶或用戶可以通過 保持便攜式和移動射頻
 通信設備 (發射器) 與紅外線溫度計 JPD-FR302 之間的最小距離來幫助防
 止電磁干擾, 如下所示。

發射器 額定最大 輸出功率 W	根據 發射器頻率而定的間隔距離	
	80 MHz 至 800 MHz $d = \left(\frac{3.5}{\sigma} \right) \sqrt{P}$	800 MHz 至 2.5 GHz $d = \left(\frac{7}{\sigma} \right) \sqrt{P}$
0.01	0.12	0.23
0.1	0.38	0.73
1	1.2	2.3
10	3.8	7.3
100	12	23

根據發射器製造商設定, 對於上面未列出的額定最大輸出功率的發射器,
 建議的間隔距離 d (以米 (m) 為單位, 可以使用適用於發射器頻率的公式來估
 算, 其中 P 是發射器的最大額定輸出功率, 以瓦特 (W)
 為單位。注 1 在 80 MHz 和 800 MHz 時, 適用
 更高頻率範圍的間隔距離。注 2 這些指南可能不適用於所有情況。
 電磁干擾受結構、物體和人的吸收和反射的影響。

 警告

 BF類型應用部分

IP22 產品進水和顆粒物防護

 表示此設備受歐盟的廢棄電氣和電子設備指令的約束。
 為保護環境, 請根據您所在國家或地區方法規程在適當的收集
 地點處理無用設備


 請閱讀使用說明

 電池回收

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 廢棄電氣電子設備 (WEEE) 處置信息
 此符號表示您應根據當地法律法規處理本產品, 請與其帶
 生活垃圾分開處理。當準備好處置本產品時, 請將其帶到
 當地政府指定的收集點。在處置本產品時分開處理和
 回收將有助於保護自然資源, 並請確保以保護人類健康
 和環境的方式回收本產品。根據國家法律, 對本產品的錯
 誤處理可能招致處罰。



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