

1. 產品簡介

感謝您購買本公司非接觸式測溫儀，由於工業安全及衛生意識愈來愈受重視，為提高安全及預防交叉感染，紅外線科技應用逐漸取代傳統接觸式溫度測量方法。本系統除了使用在工作上的一般溫度量測，並提供快速準確的額溫量測，更可迅速篩選出體溫較高者做進一步的追蹤。

2. 安全鼎知

使用本產品前，請務必先閱讀使用說明書及警告事項。並且，只有合格認證工程師才可以對本產品進行保養或維修。

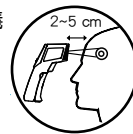
2-1 注意事項

- 請勿將本產品浸泡在水中。
- 請勿自行拆卸本產品。
- 避免機體掉落或是用力碰撞。
- 請將本產品保存在小孩子拿不到的地方。
- 此產品保存於冷乾燥的地方：溫度介於-10°C (14°F)和 60°C (140°F)；置於相對溫度 95%以下避免日照
- 本產品測得之額溫僅供參考，不得作為醫療行為判斷之依據，經本產品篩選出高溫者(如：超過38°C /100.4°F)，應再以水銀製或醫療用之體溫計確認體溫度數。
- 人體溫度無絕對標準值，請盡量於平時量測實記錄個人體溫值，以作為發燒與否之參考。
- 本產品可以快速，更遠距離篩選體溫較高者，適用於機關、團體、以及學校。
- 室溫在25±2°C (77±4°F)之間，測溫槍之讀值不需加減作調整。
- 如進行短時間連續量測，讀取溫度值間有些微誤差值仍正常現象、此時請採平均值。

3. 規格



量測模式	額溫量測	室溫量測
溫度量測範圍	35.0~42.0°C (95.0~107.6°F)	0~100.0°C (32.0~212.0°F)
使用溫度	25.0+2.0°C (77.0+4.0°F)	10.0~40.0°C (50.0~104.0°F)
精確度	+0.5°C (+1.0°F)	+1.0°C (+2.0°F)
距離與目標比	2~5cm (0.8~2.0")	8:1
反應時間	1 sec.	0.5 sec.
熱電堆	5~14µm	
重複率	±1°C (±2°F)	
解析度	0.1°C (0.1°F)	
省電睡眠裝置	無動作後，自動20秒關機	
儲藏溫度	-10~60°C (14~140°F)	
°C/°F切換	YES	
背光模式	YES	
電池種類	9V(006P,IEC6F22, NEDA1604)	
電池壽命	16hrs	
尺寸LxWxH	156 X 100 X 32mm (6.14"x3.95"x1.26")	
重量	約135公克(4.76盎司)	
基本配件	9V 電池、使用手冊	

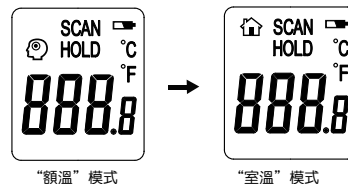
- 本產品測量距離約為2~5公分(0.8~2.0英吋)，將測溫儀置於待測區域(太陽穴，額溫)距離約2~5公分(0.8~2.0英吋)，在極短時間內偵測到待測者之額溫，避免不必要的接觸。







測量距離約為2~5公分

操作方式:

1. 測量者應穿戴手套及口罩。
 2. 進行量測。此方式所量得之額溫是經由精密數據計算後轉換所得，並經臨床實驗證明相當於耳溫的標準。
 3. 為了獲得最佳效果，量測體溫時，應由額頭向耳部緩慢的掃描。通常，因為它鄰近顱動脈，該區域提供了最佳的量值。
 4. 待測者必須在休息狀態下，額頭保持乾燥。
- ※ 使用前請注意，若量得體溫超過38°C(100.4°F)表示待測者，可能發燒。請注意每個人體溫不同。
- 本產品在室溫急劇改變時，讀值會有較大的誤差，需將測溫槍放置30分鐘後再開始測溫。
 - 體溫溫度與表面溫度不同，因此通常選擇""模式進行額溫量測而以""模式進行室溫量測。



2-2 安全標誌



-  危險! 在使用產品前，請先詳閱讀使用手冊。
-  CE 認證
-  RoHS EEE規範生產過程禁用六種物質，以確保人體健康及環境品質。
-  為了保護地球，請勿將此產品與一般的垃圾依同處理，請依照該國環境保護的規定丟棄或處理。

4. 操作方式

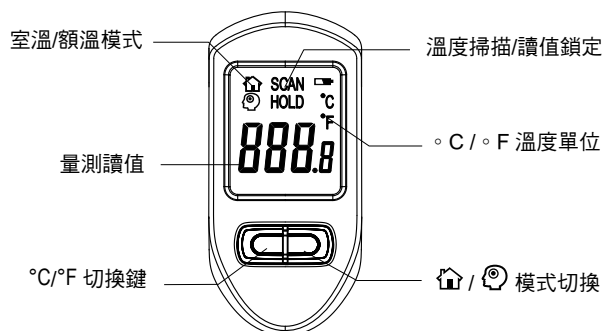
4-1 基本操作

在一般模式下，將視窗指向目標物並扣下扳機，直到讀值趨於穩定後始可以放開扳機，此液晶螢幕上方會出現“HOLD”字樣，螢幕上的數值即為量測溫度。

°C/°F切換: 可切換不同的溫度單位。

 /  模式切換: 可以切換為額溫模式或室溫模式。

安裝電池: 本產品使用9V電池，當電量將用盡時，液晶顯示螢幕會出現低電量符號，以提醒您更換電池



5. 基本保養

鏡頭清洗: 用清潔用壓縮空氣吹掉鬆散顆粒，輕輕用駝毛刷子刷掉殘留碎屑，再用潮濕棉花球小心擦亮表面。棉花球可用水溼潤。

注意: 不可用任何溶劑清洗鏡頭。

外殼清洗: 用蘸有肥皂水的海綿或軟布。

1.Introduction

Thank you for purchasing this IR Thermometer. This thermometer is a non-contact infrared measuring instrument designed for temperature evaluation of forehead and household appliances. Features include a 4 digits backlit LCD, scan/hold function and auto power off (20 seconds.) To measure a temperature, point the unit at the object, pull the trigger to scan and release the trigger to hold. Make sure the target area is larger than the unit's spot size.

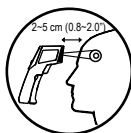
2.Safety Information

Read the following safety information carefully before attempting to operate or service the meter. Only qualified personnel should perform repairs or servicing not covered in this manual.

2-1 Cautions & Warnings

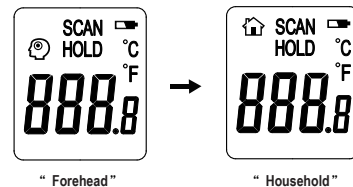
As with any thermometer, proper technique is crucial to getting accurate temperature readings. Please read this manual thoroughly and carefully before using.

- Do not submerge the unit in water.
- Do not disassemble the thermometer .
- This product is not designed for use in medical evaluations.
- Avoid dropping the thermometer from a height or strongly hitting it with a hard object.
- Always store the thermometer in a cool and dry place: temperatures between -10°C (14°F) and 60°C (140°F); relative humidity less than 95% avoid sunlight.
- The product can only be used to measure forehead temperature simply for reference. If the reading is high (for example, above 38°C/100.4°F), please use medical grade thermometer to verify.
- This product is not designed for use in medical evaluations. The forehead temperature is served as a reference only. It cannot be a judgment on fever.
- The use to this thermometer is not intended to be a substitution for consultation with your physician.
- To receive more accurate reading, the recommend measuring distance to forehead is 2~5 cm (0.8~2.0"). Please keep the forehead dry and clean to ensure the accuracy.
- For the best results, slowly scan from forehead towards the ear. Often the area just above the temple provides the best measurement because of it's proximity to the temporal artery.





- According to the clinical study, the reading of forehead measurement delivered by this product is equivalent to the oral temperature.
- Please be aware of the normal range of human body temperature varies due to an individual metabolism rate, the time of day, muscular activity, food intake or other factors.
- When serve the meter in ambient temperature 25±2°C (77±4°F), the meter will deliver the reading with the accuracy as stated. But when the ambient temperature changes drastically for example, (from outdoor to indoor), please leave it 30 minutes and start the service.
- The area temperature differs from the internal forehead temperature. To obtain the internal temperature always use the Forehead mode.

Please make sure to select the Forehead mode for an internal temperature reading and the Household mode for an external area reading(bottle, bath, room..).




2-2 Safety symbols

 Dangerous, refer to this manual before using the meter.

 CE Certification.

RoHS Restrict to use of six substances within electrical and electronic equipment (EEE), thereby contributing to the protection of human health and the environment.

 The device may not be disposed of with the trash. It promotes the re-use recycling and other forms of recovery of used materials and components, and to improve the environmental performance of all operators (manufacturers, traders,treatment facilities) involved in the life cycle of products. Dispose of the product appropriately in accordance with the regulations in force in your country.


3.Specifications

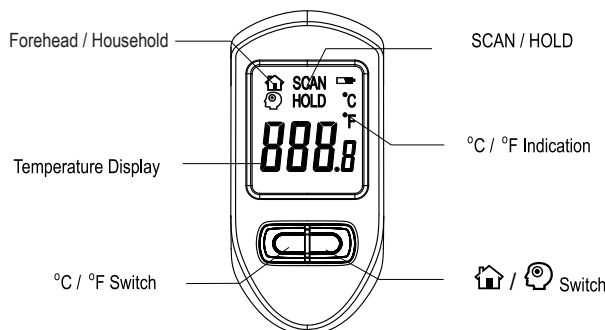
	Forehead	Household
Temperature Range	35.0~42.0°C (95.0~107.6°F)	0~100.0 °C (32.0~212.0°F)
Operation Temp.	25.0+2.0°C (77.0+4.0°F)	10.0~40.0°C (50.0~104.0°F)
Accuracy	+0.5°C (+1.0°F)	+1.0°C (+2.0 °F)
Distance/Spot Ratio	2~5cm (0.8~2.0")	8:1
Response Time	1 sec.	0.5 sec.
Thermopile	5~14 μm	
Repeatability	±1°C (±2°F)	
Resolution	0.1°C (0.1°F)	
Auto Power Off	Automatically after approx 20 sec.	
Storage Temp.	-10~60°C (14~140°F)	
°C / °F Switchable	YES	
Backlight	YES	
Battery Type	9V(006P, IEC6F22, NEDA1604)	
Battery Life	16hrs	
Dimension	156 X 100 X 32mm (6.1" x4.0"x1.3")	
Weight	135g Approx. (4.76 oz.)	
Accessory	9V Battery Instruction manual	

4.Operation of Instrument

4-1 Quick Start

To measure a temperature, point the unit at the target you want to measure, pull the trigger and hold. Be sure to consider the target area inside the angle of vision of this instrument.

The unit is powered by 9V battery and displays temperatures in either °C or °F. The user has to replace the battery when the battery voltage drops below the voltage for reliable operation and at the same time the low battery symbol  will appear.



5.Maintenance

Cleaning the lens: Blow off loose particles using clean compressed air. Gently brush remaining debris away with a camel's hair brush. Carefully wipe the surface with a moist cotton swab. The swab may be moistened with water.

NOTE:

DO NOT use solvents to clean the glass lens.

Cleaning the housing:

Use soap and water on a damp sponge or soft cloth.