



MEDICAL

Infrared Thermometer

INNOVATION
RADIANT



Non-Contact Forehead Thermometer

- | | |
|-----------------------------------|--------------|
| THR8FE(B) | 01 |
| THD2FE(B) | 02 |
| TH43FE(B) / TH46FE(B) / TH48FE(B) | 03-04 |
| TH09F | 05 |
| THROF | 06 |
| TH30F / TH36F | 07 |
| TH02F / TH03F | 08 |



TH809 / TH819 / TH859S / TH889

12



TH709LE

13



THWB7N

14



Infrared Ear Thermometer

- | | |
|---|-----------|
| (THR86JE(B) | 09 |
| (THP56J(U)(B) / THP59J(U)(B) | 10 |
| (TH806 / TH816 / TH836 / TH856 / TH886 | 11 |



Multi-Function Thermometer

TH50Z / TH52Z / TH520

15

Major Specification

16



Disposable Probe Cover

PC620 / PC6100

17

PC840 / PCL-A40 / PC7200

18

Product Family

19-24

Non-Contact Forehead Thermometer

- Non-Contact for Hygiene and Comfort
- 1 Second Measurement
- Hypothermia Measurement
- Surface Mode | Room Temperature
- Temperature Awareness Signal

- Mute Function
- Last Reading | 25 Memories
- LED Backlight
- °C/F Switchable



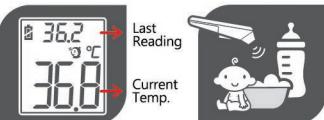
THR8FE(B)



Non-Contact
Scan Distance≤4cm



1 Second
Measurement



Last Reading



Surface Mode



Room
Temperature



Mute Function



Non-Contact Forehead Thermometer

- Non-Contact for Hygiene and Comfort
- 1 Second Measurement
- Surface Mode
- Temperature Awareness Signal
- Mute Function

- 25 Memories
- Blue LED Backlight
- °C/F Switchable



THD2FE(B)



Non-Contact
Scan Distance 1~4cm



1 Second
Measurement



Blue LED
Backlight



Surface Mode

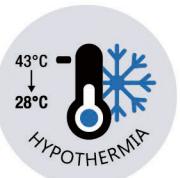


Mute Function

This product is certified as a medical device in the European Union under the Medical Device Regulation 2017/745 by SGS CE1639, exclusively for the indication(s) of non-contact forehead temperature measurement. Other non-medical uses ascribed to this device are not within the scope of CE certification, and users should be aware of product performance and/or safety has not been evaluated by SGS for those purposes."

Non-Contact Forehead Thermometer

- Non-Contact for Hygiene and Comfort
- 1 Second Measurement
- Hypothermia Measurement
- Surface Mode
- Temperature Awareness Singal
- Mute Function (TH48FE series)
- 25 Memories
- LED Backlight (TH43FE, TH46FE series)
- Color LCD Display (TH48FE series)
- °C/F Switchable



TH48FE



TH43FE



TH46FE



Blue LED Backlight
(TH43FE series)



White LED Backlight
(TH46FE series)



Color LCD Display
(TH48FE series)

TH4XFE(B)



Non-Contact
Scan Distance≤8cm



1 Second
Measurement



Color LCD Display
(TH48FE series)



LED Backlight



Surface Mode



Mute Function
(TH48FE series)

TEMP. AWARENESS SIGNAL



$\geq 37.5^{\circ}\text{C}$

Beep Sounds



Button Light
(TH43FE/TH46FE series)
 $\geq 38^{\circ}\text{C}$



Zone Indicator

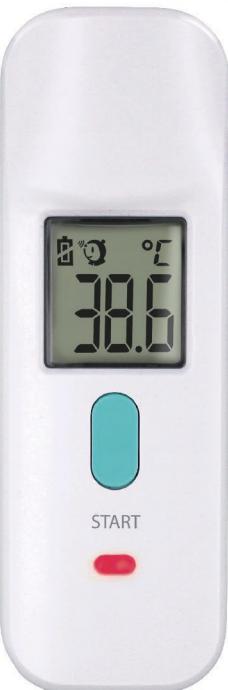
- <37.5°C
- $\geq 37.5^{\circ}\text{C}, <38.0^{\circ}\text{C}$
- $\geq 38.0^{\circ}\text{C}$

TH4XFE(B)

Non-Contact Forehead Thermometer

- Non-Contact for Hygiene and Comfort
- 1 Second Measurement
- Hypothermia Measurement
- Temperature Awareness Signal

- 1 Set Memory
- °C/F Switchable
- Large LCD for easy reading
- Low Power Consumption



TH09F



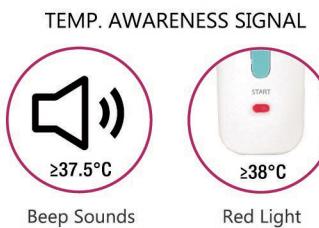
Non-Contact
Scan Distance 1~3cm



1 Second
Measurement



Large LCD



Non-Contact Forehead Thermometer

- Non-Contact for Hygiene and Comfort
- 1 Second Measurement
- Magnifying Display
- Temperature Awareness Signal
- 1 Set Memory

- White LED Backlight
- °C/F Switchable
- Large LCD for easy reading
- Low Power Consumption



THROF



Non-Contact
Scan Distance≤3cm



1 Second
Measurement



White LED
Backlight



Temp. Awareness
Signal



Magnifying Display

Non-Contact Forehead Thermometer

- Non-Contact for Hygiene and Comfort
- 1 Second Measurement
- Surface Mode | Room Temperature
- Last Reading  - Temperature Comparison

- Temperature Awareness Signal
- Mute Function (TH36F)
- 25 Memories
- °C/°F Switchable



TH30F



TH36F



Non-Contact
Scan Distance≤3cm



1 Second
Measurement



Last Reading



Last Reading
Current Temp.



Surface Mode



Room
Temperature



Mute Function
(TH36F)

Non-Contact Forehead Thermometer

- Non-Contact for Hygiene and Comfort
- 1 Second Measurement
- Temperature Awareness Signal
- Surface Mode (TH03F)

- 25 Memories (TH03F)
- 1 Set Memory (TH02F)
- °C/°F Switchable



TH02F



TH03F



Non-Contact
Scan Distance 1~3cm



1 Second
Measurement



Temp. Awareness
Signal



Surface Mode
(TH03F)

TH02F
TH03F

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Infrared Ear Thermometer

- Probe Cover for Hygiene 
- 1 Second Measurement
- Probe Cover Detector
- Probe Cover Ejector
- Temperature Awareness Signal
- Mute Function



6
Probe Cover
for THXX6 series



THR86JE(B)



Probe Cover
Detector



Probe Cover
Ejector



Last Reading



Surface Mode



Room Temperature



Mute Function



Infrared Ear Thermometer

- Special design for hospital use
- Durable probe for cover replacement up to 100,000 times
- Probe Cover for Hygiene 
- 1 Second Measurement
- Probe Cover Detector



6
Probe Cover
for THXX6 series



THP56



THP59J



9
Probe Cover
for THXX9 series



Probe Cover
Detector



Probe Cover
Ejector



Calibration Connector/
Neck Strip

THP56J
THP59J

Infrared Ear Thermometer

- Probe Cover for Hygiene
- 1 Second Measurement
- Probe Cover Detector
- Temperature Awareness Signal

- 25 Memories
- LED Backlight (option)
- °C/F Switchable



TH816E



TH806



TH836



TH856



TH886E



Probe Cover
for THXX6 series



TH809



TH859



TH889E



TH819SJE

TH8X9
series

Infrared Ear Thermometer

- Probe Cover for Hygiene
- 1 Second Measurement
- Probe Cover Detector
- Probe Cover Ejector (option)
- Temperature Awareness Signal

- 9 Memories
- Miniature Probe Engineered (option)
- LED Backlight (option)
- °C/F Switchable



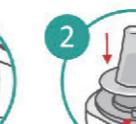
Probe Cover
for THXX9 series



Probe Cover
Detector



LED Backlight
(option)



1
2



Probe Cover
Detector



Probe Cover
Ejector
(option)



Diameter=5.9mm
Miniature Probe
Engineered
(option)



LED Backlight
(option)



1
2
3



4
5
6



36.6

Infrared Ear Thermometer

- Miniature Probe Engineered
- Probe Cover for Hygiene 
- 1 Second Measurement
- Probe Cover Detector
- Temperature Awareness Signal

- Last Reading  - Temperature Comparison
- Delicate Storage Box with Probe Cover Fixer
- 25 Memories
- LED Backlight
- °C/F Switchable



TH709LE



Probe Cover
for THXX9 series



Probe Cover
Fixer



Storage Box



Miniature Probe
Engineered



Probe Cover
Detector



LED Backlight



Last Reading



Last Reading



Infrared Ear Thermometer

- Probe Cover free 
- Water resistance: IP54
- Temperature Awareness Signal (Green/Red LED)
- 1 Second Measurement

- Mute Function
- 25 Memories
- °C/F Switchable

- Large LCD for easy reading



THWB7N



Temp. Awareness
Signal<37.5°C
(GREEN LED)



Temp. Awareness
Signal≥37.5°C
(RED LED)



Mute Function



Water Resistance
IP54

Multi-Function Thermometer

- Ear Mode+Forehead Mode
- 1 Second Measurement
- 3-Color LED
- Temperature Awareness Signal

- Surface Mode | Room Temperature
- Stopwatch | Real Time | Date
- Detailed 9 memories with time/date



Mode	Ear Mode	Forehead Mode	Surface Mode			
Model Name	THR86JE(B) THP56J(U)(B) THP59J(U)(B) TH8X6 series TH8X9 series TH709LE THWB7N TH5 series	THD2FE(B) THROF TH30F TH36F TH02F TH03F TH5 series	THR8FE(B) TH4XFE(B) TH09F	THD2FE(B) TH30F TH36F TH03F TH5 series	THR8FE(B) TH4XFE(B) THR86JE(B)	
Meas. Range	34~42.2°C (93.2~108°F)	34~42.2°C (93.2~108°F)	28~43°C (82.4~109.4°F)	-22~80°C (-7.6~176°F)		
Accuracy	±0.2°C (0.4°F) within 35~42°C (95~107.6°F), ±0.3°C (0.5°F) for other range.			±0.3°C (0.5°F) within 22~42.2°C (71.6~108°F), others ±4% or ±2°C (4°F) whichever is greater.	±0.3°C (0.5°F) within 34~43°C (93.2~109.4°F), others ±4% or ±2°C (4°F) whichever is greater.	±0.3°C (0.5°F) within 34~42.2°C (93.2~108°F), others ±4% or ±2°C (4°F) whichever is greater.

- Operating temperature range: 10~40°C (50~104°F), 15%~85% RH
- Storage temperature range: -20~+50°C (-4~122°F), RH≤85%
- Transportation temperature: Shall be less than 70°C, RH≤95%

Specifications are subject to change without notice



Hypothermia



THXX6 series

Disposable Probe Cover

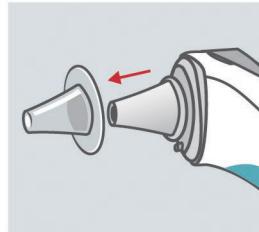
Do not reuse : Always use a clean, undamaged and new probe cover.
Be sure ear canal is clean.



PC6100



PC620



- ▶ Insert the probe into a new probe cover.



- ▶ Push the probe cover to the bottom of the probe until the "Click" sound. This means the probe cover has been installed successfully.

	PC620	PC6100
	20 pcs	100 pcs



THXX9 series

Disposable Probe Cover

Do not reuse : Always use a clean, undamaged and new probe cover.
Be sure ear canal is clean.



PC840

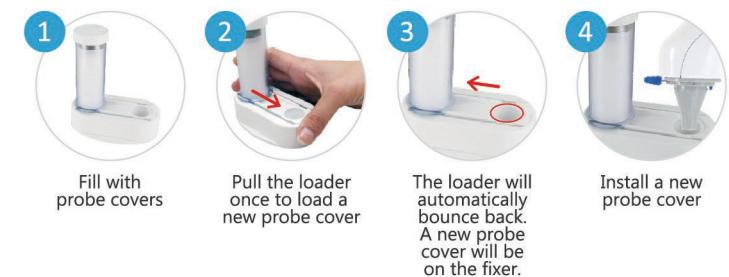


PCL-A40

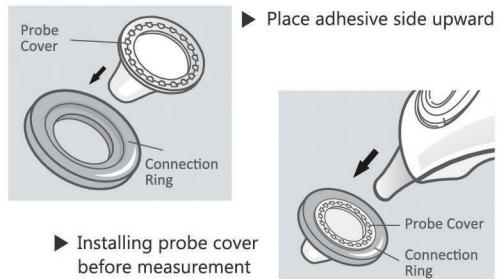


PC7200

PCL-A40 Probe Cover Loader



	Probe Cover	Probe Cover Loader	Connection Ring
PC840	40 pcs	X	1 pcs
PCL-A40	40 pcs	1 pcs	X
PC7200	200 pcs	X	X



	Non-Contact Forehead Thermometer	Non-Contact Forehead Thermometer	Non-Contact Forehead Thermometer	Non-Contact Forehead Thermometer	Non-Contact Forehead Thermometer
INNOVATION RADIANT					
Module Name	THR8FE(B)	THD2FE(B)	TH43FE(B)	TH46FE(B)	TH48FE(B)
Mode	Forehead / Surface	Forehead / Surface	Forehead / Surface	Forehead / Surface	Forehead / Surface
Probe Cover			—		
Ear Probe Size			—		
Probe Cover Ejector			—		
LED Backlight	●	●	●	●	—
Meas. Time	1 sec.(forehead) / 0.6 sec.(surface)				
Fever Alarm Beeper			●		
Fever Indication	●	—	●	●	●
Last Reading			—		
Memory (sets)			25		
°C/F Switch			●		
Communication Interface			—		
Accessories	—				
Battery	AAA * 2pcs				
Packing Information	Package size:187L*83W*51Hmm. 1set/box; 60boxes/master carton. **20' Container: 300cartons/ 18,000pcs. **40' Container: 600cartons/ 36,000pcs.	Package size:190L*116W*56Hmm. 1set/box; 46boxes/master carton. **20'Container: 200cartons/ 9,200pcs. **40'Container: 400cartons/ 18,400pcs.	Package size:198L*119W*60Hmm. 1set/box; 40boxes/master carton. **20'Container: 200cartons/ 8,000 pcs. **40'Container: 400cartons/ 16,000pcs.	Package size:198L*119W*60Hmm. 1set/box; 40boxes/master carton. **20'Container: 200cartons/ 8,000pcs. **40'Container: 400cartons/ 16,000pcs.	Package size:189L*115W*56Hmm. 1set/box; 46boxes/master carton. **20'Container: 200cartons/ 9,200pcs. **40'Container: 400cartons/ 18,400pcs.



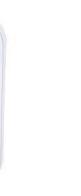
Non-Contact Forehead Thermometer	Non-Contact Forehead Thermometer	Non-Contact Forehead Thermometer	Non-Contact Forehead Thermometer	Non-Contact Forehead Thermometer	Non-Contact Forehead Thermometer
					
TH09F	THR0F	TH30F	TH36F	TH02F	TH03F
Forehead	Forehead	Forehead / Surface	Forehead / Surface	Forehead	Forehead / Surface
—	—	—	—	—	—
●	●	—	—	—	—
—	—	●	●	—	—
1	1	25	25	1	25
—	—	—	●	—	—
—	—	—	—	—	Wrist Strap *1pcs
one lithium cell (CR2032 x1)					
Package size:162L*75W*21Hmm. 1set/box;72boxes/master carton. **20'Container: 300cartons/ 21,600pcs. **40' Container: 600cartons/ 43,200pcs.	Package size:137H*81.5W*81.5Hmm. 1set/box; 36boxes/master carton. **20'Container: 420cartons/ 15,120pcs. **40' Container: 840cartons/ 30,240pcs.	Package size:127L*98W*29Hmm. 1set/box; 60boxes/master carton. **20'Container: 200cartons/ 12,000pcs. **40' Container: 400cartons/ 24,000pcs.	Package size:156L*94W*39*69Hmm. 1set/box; 40boxes/master carton. **20'Container: 240cartons/ 9,600pcs. **40' Container: 480cartons/ 19,200pcs.	Package size:173L*106W*20.2Hmm. 1set/box; 72boxes/master carton. **20' Container: 420cartons/ 30,240pcs. **40' Container: 840cartons/ 60,480pcs.	Package size:120L*80W*36Hmm. 1set/box; 100boxes/master carton. **20' Container: 288cartons/ 28,800pcs. **40' Container: 576cartons/ 57,600pcs.

Module Name: (E) LED Backlight, (S) Small Probe, (J) ProbeCover Ejector
Meas. Time: (E) Ear Mode, (F) Forehead Mode, (S) Surface Mode

• : Yes, - : No, Δ: Optional
Specifications are subject to change without notice

	Ear Thermometer				
RADIANT <small>INNOVATION</small>					
Module Name	THR86JE(B)	THP56J(U)	THP59J(U)(B)	TH709LE	THWB7N
Mode	Ear / Surface	Ear	Ear	Ear	Ear
Probe Cover	●	●	●	●	—
Ear Probe Size	Ø6.9mm	Ø6.9mm	Ø7.5mm	Ø5.9mm	Ø7.5mm
Probe Cover Ejector	●	●	●	—	—
LED Backlight	●	—	—	●	—
Meas. Time	1 sec.(ear) / 0.6 sec.(surface)				
Fever Alarm Beeper	●				
Fever Indicator	●	—	—	—	●
Last Reading	—	—	—	●	—
Memory (sets)	25				
°C/F Switch	●				
Communication Interface	—	△	△	—	—
Accessories	Probe Cover *10pcs	Probe Cover *1pcs △Neck Strap *1pcs	Probe Cover *21pcs Storage Box *1pcs	—	—
Battery	AAA * 2pcs	one lithium cell (CR2032 x1)			
Packing Information	Package size:187L*83W*51Hmm. 1set/box; 60boxes/master carton. **20' Container: 300cartons/18,000pcs. **40' Container: 600cartons/36,000pcs.	Package size:187L*83W*51Hmm. 1set/box; 60boxes/master carton. **20' Container: 300cartons/18,000pcs. **40' Container: 600cartons/36,000pcs.	Package size:187L*83W*51Hmm. 1set/box; 60boxes/master carton. **20' Container: 300cartons/18,000pcs. **40' Container: 600cartons/36,000pcs.	Package size:193L*170W*47Hmm. 1set/box; 48boxes/master carton. **20' Container: 160cartons/7,680pcs. **40' Container: 320cartons/15,360pcs.	Package size:191L*111W*52Hmm. 1set/box; 40boxes/master carton. **20' Container: 240cartons/9,600pcs. **40' Container: 480cartons/19,200pcs.

Module Name: (E) LED Backlight; (S) Small Probe, (J) ProbeCover Ejector
 Meas. Time: (E) Ear Mode, (F) Forehead Mode, (S) Surface Mode

| Ear Thermometer |
|--|--|--|--|--|
|  |  |  |  |  |
| TH816(E) | TH806(E) | TH836(E) | TH856(E) | TH886(E) |
| Ear | Ear | Ear | Ear | Ear |
| ● | ● | ● | ● | ● |
| Ø6.9mm | Ø6.9mm | Ø6.9mm | Ø6.9mm | Ø6.9mm |
| — | — | — | — | — |
| △ | △ | △ | △ | △ |
| 1 sec. |
●	●	●	●	●
—	—	—	—	—
—	—	—	—	—
25	25	25	25	25
●	●	●	●	●
—	—	—	—	—
—	—	—	—	—
Probe Cover *10pcs				
one lithium cell (CR2032 x1)				
Package size:187L*83W*51Hmm. 1set/box; 60boxes/master carton. **20' Container: 300cartons/18,000pcs. **40' Container: 600cartons/36,000pcs.	Package size:187L*83W*51Hmm. 1set/box; 60boxes/master carton. **20' Container: 300cartons/18,000pcs. **40' Container: 600cartons/36,000pcs.	Package size:187L*83W*51Hmm. 1set/box; 60boxes/master carton. **20' Container: 300cartons/18,000pcs. **40' Container: 600cartons/36,000pcs.	Package size:193L*170W*47Hmm. 1set/box; 48boxes/master carton. **20' Container: 160cartons/7,680pcs. **40' Container: 320cartons/15,360pcs.	Package size:191L*111W*52Hmm. 1set/box; 40boxes/master carton. **20' Container: 240cartons/9,600pcs. **40' Container: 480cartons/19,200pcs.

• : Yes, - : No, Δ: Optional
 Specifications are subject to change without notice

	Ear Thermometer	Ear Thermometer	Ear Thermometer	Ear Thermometer
RADIANT <small>INNOVATION</small>				
Module Name	TH819SJE	TH809(S)(J)	TH859S	TH889(S)(J)(E)
Mode	Ear	Ear	Ear	Ear
Probe Cover		●		
Ear Probe Size	Ø5.9mm	Ø7.5mm / Ø5.9mm(s)	Ø5.9mm	Ø7.5mm / Ø5.9mm(s)
Probe Cover Ejector	●	△	—	△
LED Backlight		△		
Meas. Time		1 sec.		
Fever Alarm Beeper		●		
Fever Indicator		—		
Last Reading		—		
Memory (sets)		9		
°C/°F Switch		●		
Communication Interface		—		
Accessories	Probe Cover*21pcs Connection Ring*1pcs Neck Strap*1pcs (TH859)			
Battery	one lithium cell (CR2032 x1)			
Packing Information	Package size: 187L*83W*51Hmm. 1set/box; 60boxes/ master carton. **20' Container: 300cartons/ 18,000pcs. **40' Container: 600cartons/ 36,000pcs.	Package size: 198L*119W*60Hmm. 1set/box; 40boxes/ master carton. **20' Container: 200cartons/ 8,000pcs. **40' Container: 400cartons/ 16,000pcs.	Package size: 200L*118W*60Hmm. 1set/box; 40boxes/ master carton. **20' Container: 200cartons/ 8,000pcs. **40' Container: 400cartons/ 16,000pcs.	Package size: 200L*115W*60Hmm. 1set/box; 40boxes/ master carton. **20' Container: 200cartons/ 8,000pcs. **40' Container: 400cartons/ 16,000pcs.

Module Name: (E) LED Backlight; (S) Small Probe, (J) ProbeCover Ejector
Meas. Time: (E) Ear Mode, (F) Forehead Mode, (S) Surface Mode

Multi-Function Thermometer	Multi-Function Thermometer	Multi-Function Thermometer
		
TH50Z	TH52Z	TH520
Ear / Forehead / Surface		
—	—	—
Ø7.3mm	—	—
—	—	—
1 sec.(ear/forehead) / 0.6 sec.(surface)	—	—
●	—	—
●	—	—
—	—	—
9	—	—
●	—	—
—	—	—
—	—	—
—	—	—
one lithium cell (CR2032 x1)	one lithium cell (CR2032 x1)	
Package size: 175L*104W*55Hmm. 1set/box; 40boxes/master carton. **20' Container: 240cartons/9,600pcs. **40' Container: 480cartons/19,200pcs.	Package size: 175L*104W*55Hmm. 1set/box; 40boxes/master carton. **20' Container: 240cartons/9,600pcs. **40' Container: 480cartons/19,200pcs.	

● : Yes, - : No, Δ: Optional
Specifications are subject to change without notice

