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

THR0F 06

TH30F / TH36F 07

TH02F / TH03F 08

Infrared Ear Thermometer

THR86JE(B) 09

THP56J(U)(B) / THP59J(U)(B) 10

TH806 / TH816 / TH836 / TH856 / TH886 11

TH809 / TH819 / TH859S / TH889 12

TH709LE 13

THWB7N 14

Multi-Function Thermometer

TH50Z / TH52Z / TH520 15

Major Specification 16

Disposable Probe Cover

PC620 / PC6100 17

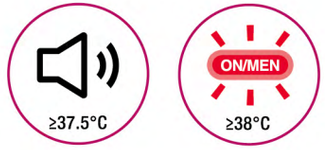
PC840 / PCL-A40 / PC7200 18

Product Family 19-24

Non-Contact **Forehead** Thermometer

- Non-Contact for Hygiene and Comfort
- 1 Second Measurement
- Hypothermia Measurement
- Surface Mode | Room Temperature
- Fever Indication | Mute Function
- 25 Memories
- LED Backlight
- °C/°F Switchable
- Bluetooth (option)

FEVER INDICATION



Beep Sounds

Button Light

Bluetooth®

(option)

THR8FE(B)

Non-Contact
Scan Distance≤3cm

1 Second
Measurement

LED Backlight

Surface Mode

Room
Temperature

Mute Function

Non-Contact **Forehead** Thermometer

- Non-Contact for Hygiene and Comfort
- 1 Second Measurement
- Surface Mode
- Fever Alarm Beeper | Mute Function
- 25 Memories
- Blue LED Backlight
- °C/°F Switchable
- Bluetooth (option)

Bluetooth®

(option)

THD2FE(B)

Non-Contact
Scan Distance≤4cm

1 Second
Measurement

Blue LED
Backlight

Surface Mode

Mute Function

Non-Contact **Forehead** Thermometer

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

TH48FE

TH43FE

TH46FE

Blue LED Backlight
(TH43FE series)

White LED Backlight
(TH46FE series)

Color LCD Display
(TH48FE series)

Bluetooth®

(option)

Non-Contact
Scan Distance≤8cm

1 Second
Measurement

Color LCD Display
(TH48FE series)

LED Backlight

Surface Mode

Mute Function
(TH48FE series)

FEVER INDICATION

≥37.5°C

Beep Sounds

≥38°C

Button Light
(TH43FE/TH46FE series)

Zone Indicator

- <37.5°C
- ≥37.5°C,<38.0°C
- ≥38.0°C

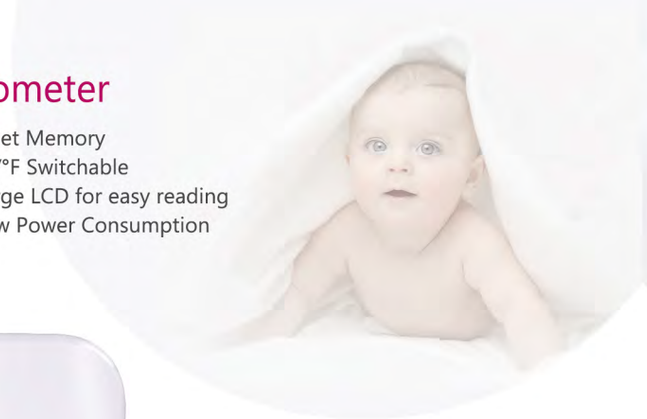
(TH48FE series)

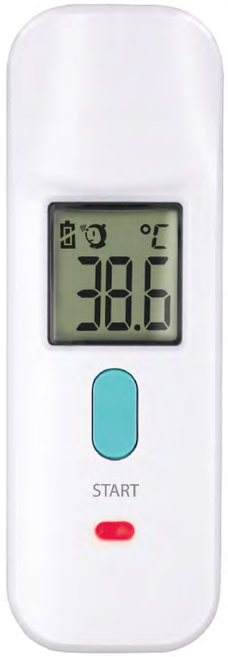
TH4XFE(B)

TH4XFE(B)

Non-Contact **Forehead** Thermometer

- Non-Contact for Hygiene and Comfort
- 1 Second Measurement
- Hypothermia Measurement
- Fever Indication
- 1 Set Memory
- °C/°F Switchable
- Large LCD for easy reading
- Low Power Consumption





TH09F

Non-Contact
Scan Distance≤3cm

1 Second
Measurement

Large LCD

FEVER INDICATION

Beep Sounds

Red Light

Non-Contact **Forehead** Thermometer

- Non-Contact for Hygiene and Comfort
- 1 Second Measurement
- Magnifying Display
- Fever Indication
- 1 Set Memory
- White LED Backlight
- °C/°F Switchable
- Large LCD for easy reading
- Low Power Consumption

THR0F

Non-Contact
Scan Distance≤3cm

1 Second
Measurement

White LED
Backlight

Fever Indication

Magnifying Display

Non-Contact **Forehead** Thermometer

- Non-Contact for Hygiene and Comfort
- 1 Second Measurement
- Surface Mode | Room Temperature
- Last Reading - Temperature Comparison
- Fever Alarm Beeper
- Mute Function (TH36F)
- 25 Memories
- °C/°F Switchable

TH30F

TH36F

TH30F
TH36F

Non-Contact
Scan Distance≤3cm

1 Second
Measurement

Last Reading

Surface Mode

Room
Temperature

Mute Function
(TH36F)

TH02F

TH03F

TH02F
TH03F

Non-Contact
Scan Distance≤1cm

1 Second
Measurement

Fever Alarm
Beeper

Surface Mode
(TH03F)

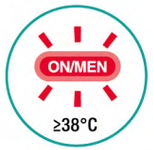
Infrared **Ear** Thermometer

- Probe Cover for Hygiene
- 1 Second Measurement
- Probe Cover Detector
- Probe Cover Ejector
- Fever Indication | Mute Function
- Surface Mode | Room Temperature
- 25 Memories
- LED Backlight
- °C/°F Switchable
- Bluetooth (option)

Probe Cover
for THXX6 series

FEVER INDICATION

Beep Sounds



Button Light

Bluetooth®
(option)

THR86JE(B)

Probe Cover
Detector

Probe Cover
Ejector

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
- Probe Cover Ejector
- Fever Alarm Beeper
- 25 Memories
- Built-in UART Communication (option)
- °C/°F Switchable
- Bluetooth (option)

Probe Cover
for THXX6 series

THP56J

THP59J

Probe Cover
for THXX9 series

THP56J
THP59J

Probe Cover
Detector

Probe Cover
Ejector

Calibration Connector/
Neck Strip

Bluetooth®
(option)

Infrared **Ear** Thermometer

- Probe Cover for Hygiene
- 1 Second Measurement
- Probe Cover Detector
- Fever Alarm Beeper
- 25 Memories
- LED Backlight (option)
- °C/°F Switchable

Probe Cover
for THXX6 series

TH816E

TH806

TH836

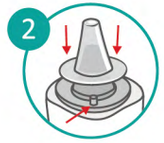
TH856

TH886E

TH8X6 series

Probe Cover
Detector

LED Backlight
(option)



Infrared **Ear** Thermometer

- Probe Cover for Hygiene
- 1 Second Measurement
- Probe Cover Detector
- Probe Cover Ejector (option)
- Fever Alarm Beeper
- 9 Memories
- Worldwide Smallest Probe (option)
- LED Backlight (option)
- °C/°F Switchable

Probe Cover
for THXX9 series

TH809

TH859

TH889E

TH819SJE

TH8X9 series

Probe Cover
Detector

Probe Cover
Ejector
(option)

Worldwide
Smallest Probe
(option)

LED Backlight
(option)

Infrared **Ear** Thermometer

- Worldwide Smallest Probe
- Probe Cover for Hygiene
- 1 Second Measurement
- Probe Cover Detector
- Fever Alarm Beeper
- Last Reading - Temperature Comparison
- Delicate Storage Box with Probe Cover Fixer
- 25 Memories
- LED Backlight
- °C/°F Switchable

Probe Cover
for THXX9 series

Probe Cover
Fixer

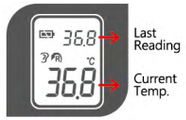
Storage Box

TH709LE

Worldwide
Smallest Probe

Probe Cover
Detector

LED Backlight



Last Reading

Infrared **Ear** Thermometer

- Probe Cover free
- Water resistance: IP54
- Fever Indication (Green/Red LED)
- 1 Second Measurement
- Mute Function
- 25 Memories
- °C/°F Switchable
- Bluetooth
- Large LCD for easy reading

IP54
Splash Proof

Bluetooth®

THWB7N

Fever Indication
<37.5°C
(GREEN LED)

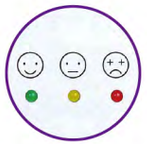
Fever Indication
≥37.5°C
(RED LED)

Mute Function

Water Resistance
IP54

Multi-Function Thermometer

- Ear Mode+Forehead Mode
- 1 Second Measurement
- 3-Color LED Fever Indication
- Fever Alam Beeper
- Surface Mode | Room Temperature
- Stopwatch | Real Time | Date
- Detailed 9 memories with time/date



3-Color LED
(except TH520)

Small Size→Large Size
TH50Z

TH50Z

TH52Z

TH520

TH5 series

Forehead mode/
Ear mode

Surface Mode

Room Temperature

Real Time/Date/
Stopwatch

Non-Contact
Scan Distance≤1cm

1 Second
Measurement

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) THR0F 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

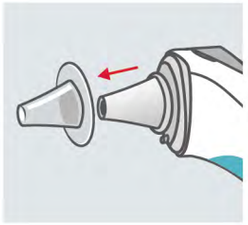
Hypothermia

THXX6 series Disposable Probe Cover

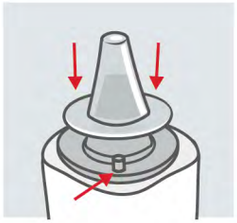
Do not reuse : Always use a clean, undamaged and new probe cover.
Be sure ear canal is clean.

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
Probe Cover	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

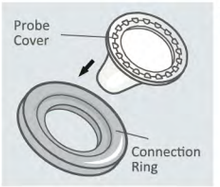
1 Fill with probe covers

2 Pull the loader once to load a new probe cover

3 The loader will automatically bounce back. A new probe cover will be on the fixer.

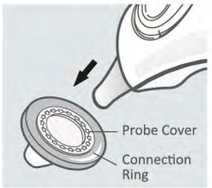
4 Install a new probe cover

	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



▶ Place adhesive side upward

▶ Installing probe cover before measurement



	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	–				
Bluetooth	●	△	△	△	△
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
Module Name	TH09F	THR0F	TH30F	TH36F	TH02F	TH03F
Mode	Forehead	Forehead	Forehead / Surface	Forehead / Surface	Forehead	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)	1	1	25	25	1	25
°C/°F Switch	●					
Communication Interface	–					
Bluetooth	–					
Accessories	–	–	–	–	–	Wrist Strap *1pcs
Battery	one lithium cell (CR2032 x1)					
Packing Information	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, △: Optional

Specifications are subject to change without notice

	Ear Thermometer	Ear Thermometer	Ear Thermometer	Ear Thermometer	Ear Thermometer
INNOVATION RADIANT					
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	–	△	△	–	–
Bluetooth	●	–	△	–	●
Accessories	Probe Cover *10pcs	Probe Cover *1pcs △Neck Strap *1pcs		Probe Cover *21pcs Storage Box *1pcs	–
Battery	AAA * 2pcs	one lithium cell (CR2032 x1)	one lithium cell (CR2032 x1)	one lithium cell (CR2032 x1)	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.

Ear Thermometer	Ear Thermometer	Ear Thermometer	Ear Thermometer	Ear Thermometer
TH816(E)	TH806(E)	TH836(E)	TH856(E)	TH886(E)
Ear	Ear	Ear	Ear	Ear
●				
Ø6.9mm				
–				
△				
1 sec.				
●				
–				
–				
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.				

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

● : Yes, - : No, △: Optional

Specifications are subject to change without notice

	Ear Thermometer	Ear Thermometer	Ear Thermometer	Ear Thermometer
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	–			
Bluetooth	–			
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.

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)		
Package size: 175L*104W*55Hmm. 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

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

INNOVATION
RADIANT

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CE 1639 FDA PA RoHS

ISO13485 ASTM E1965 EN12470-5

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