

HuBDIC CO.,LTD



FS-700 Thermofinder 
NON-CONTACT
Infrared Thermometer

IMPORTANT

• MEASUREMENT POINT •

Aim at the Temple area or behind the ear lobe correctly



Temple area

Or



Behind the ear lobe



Incorrect measurement

If there is sweat on the forehead, recommend to measure behind ear lobe.



2~3cm

2~3 cm away from forehead.



Wipe away sweat

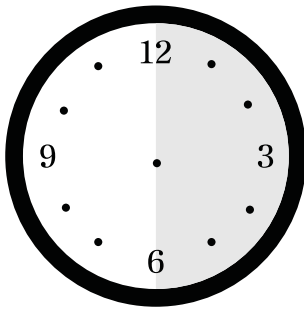


Push back hair

Wipe away sweat on the forehead and push back any hair from the forehead before using it.



Do not measure temperature near the stove or air-conditioner.
Do not use outdoors.



WAIT 30 MINUTES

If there is a significant change of surrounding temperature, please, allow the thermometer to adjust to the new temperature for at least 30 minutes before using it. And patients should stay in new room temperature at least 30 minutes.

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1. About Body Temperatures

- What is body temperature?

Body temperature is the internal heat level of the human body. Normal temperature is the body temperature of healthy people, this slightly varies within certain limits. The body temperature changes according to environment, time, and activities, especially in cases where some people with same body temperature is 0.5°C higher during nighttime than early morning.

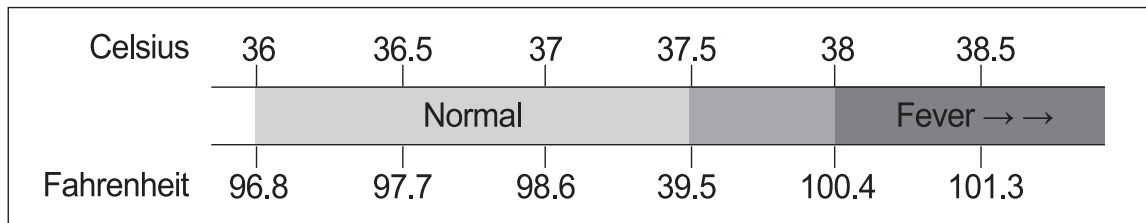
- Body temperature control

The central nerve in the brain's hypothalamus controls the body temperature, maintaining a certain level. When body temperature goes up, it expands blood vessels inside the skin, and lets out sweat from the sweat gland, resulting in a great loss of heat and reacts in a stage hecticum to suppress heat increase. However, when body temperature goes down, it contracts blood vessels, and prevents sweat secretion to react stadium increment to reduce heat. The human body temperature can maintain body temperature, since heat production and loss always equates.

- Body Temperature Measurement Ranges

Normal ranges by site:

Axillary :	94.5 – 99.1 °F	34.7 – 37.3 °C
Oral :	95.9 – 99.5 °F	35.5 – 37.5 °C
Rectal :	97.9 – 100.4 °F	36.6 – 38.0 °C
Thermofinder(Forehead) :	96.8 – 100.2 °F	36.0 – 37.9 °C



- Why do fevers occur?

Normally, when bacteria, virus, or other pathogens attack the body, fever occurs. Other reasons can be tissue damages or blood diseases like burns and myocardial infarction. When the body temperature goes down, it contracts blood vessels, and prevents sweat secretion to react stadium increment to reduce heat. The human body temperature can maintain body temperature, since heat production and loss always equates.

- Infant's body temperature

Infants can not sufficiently control body temperature, so surrounding environment affects the babies. If indoor temperature is high, the body temperature increases, and vice versa. So, it is important to check normal body temperatures on a regular basis.

> Normal temperatures can be checked by calculating the average value for several days at regular hours in the morning and evening. Infant's body temperature can show changes about 0.5°C according to the surrounding temperature. For example, when temperatures for 8 A.M. is 36.7°C and 8 P.M is 37.3°C, the normal temperature range is 36.7°C to 37.3°C and the normal temperature is 37°C. Fever occurs when body temperature rises 1°C compared to normal temperature.

> It is recommended that indoor temperature be set to 24°C to 26°C, with humidity of 40% to 60%. Thermometers and hygrometers in winter should be placed at the height of infants living areas.

- > Infants should not be covered with swaddles and laid on heated floors during summer. If miliaria occurs, or if body temperature increases too high, it can cause dehydration fever. In worst cases, it can cause coma or cramps.
- > Bathing environment for infants must be maintained at 24°C to 27°C, and a 5 minutes bathing with water at 38°C to 40°C is recommended. Infants must be dried well, and water can be compensated through barley tea or fruit juice. During winter, 11 A.M to 2 P.M is recommended for infant bathing time, and drying in cold air can cause cold or cracks in cheeks or hands.
- > Breast-fed infants know that they are sucking breast milk at regular temperatures which are always similar to body temperature. Temperature for powdered milks is recommended at 38°C.

- Using thermofinder S

- Measuring Body Temperature

- Switch the Thermofinder S to body temperature measuring mode, and check the body temperature on the temple area from 2 to 3cm distance.

- Measuring Bathing Water Temperature

- Switch the Thermofinder S to daily wide temperature measuring mode, and check the water temperature by approaching towards the water 2 to 3cm close. Be careful not to get water on the Thermofinder S.

- Measuring the Nursing Bottle

- Switch the Thermofinder S to daily wide temperature measuring mode, and check the temperature by approaching towards the nursing bottle 2 to 3cm close.

2. Brief introduction of product

This Manual is the user manual for the IR thermometer (Model: FS-700), Thermofinder S of Hubdic Co.,LTD. This product is Non-Contact IR Thermometer.

- Thermofinder S uses contactless temperature measurement and therefore the body temperature can be measured safely.
- The ear-type, which measures the temperature inside the ear, or the forehead-type, which contact measure on the forehead, reduces discomfort caused by skin touchiness or ear insertion and it is designed as contactless by considering the possible infections of normal thermometers.
- Thermofinder S can measure the body temperature contactlessly and safely.
- Thermofinder S measure the temperature in less than 2 second.
- Please read the manual carefully.

3. Simple operation principle

- When your body is hot, you touch your forehead with your hand and that is because the body temperature is reflected on the forehead.
- The thermometer measures infrared energy radiated from the forehead. Once the thermometer has analyzed the amount of infrared energy via sensor, it converted to a temperature value.
- This product is a contactless-typed thermometer and does not directly contact with forehead and measure the temperature 2 to 3cm away from it. This will decrease discomfortor possible infections caused by touchiness.

4. Product features

- The LCD light for dark place and digital LCD display.
- Multi-measurement function which measures both body and wide temperature.

- It can store up to 32 results.
- Contactless measurement for healthiness.
- Simple designing which makes it easier to use even for those with small hands.
- Power-saving : Automatic shut off after a minute.
- Powered by two AAA Type Alkaline batteries.

5. User precautions

- Use this product from 16°C to 40°C(60.8°F to 104°F).
- Do not expose the product below -20°C(-4°F) or above 50°C(122°F) or above humidity of 95%(≥95%RH).
- The measurement using this product does not represent doctor's consultation or examination.
- If any problem occurs while measuring, consult a doctor.
- Examine the product periodically.
- Read through the manual before initial use.
- In case of damage or malfunctioning, stop using it and ask for repairing through the dealers or the stores.
- Please do not modify or repair the thermometer except changing batteries or sterilizing. And nobody except our qualified repairmen can disassemble the products. Warranty void if the damage or malfunction is caused by modification.
- If you do not use the thermometer for a long time, please take out the battery and keep it in a safe place. The used batteries must be separately collected.

> Ensure that children do not use this device unsupervised some parts are small enough to be swallowed.

> Do not drop the thermometer. It can cause malfunctioning.

> Do not insert any foreign materials inside the probe as this will cause malfunction.

6. Product Description



- | | | |
|-----------------------|-------------------------|------------------------|
| 1 LCD display | 4 MODE button | 7 Probe |
| 2 Start button | 5 MEM button | 8 Battery cover |
| 3 Sound button | 6 Strap position | |

Buttons

Functions

START

Switching the device on. Starting temperature measurement.

((🔔))

Setting the acoustic signal (On/Off).

MODE

Setting the measurement method.

MEM

Displaying stored measurements (max 32).

MODE + **MEM**

Setting the measurement units (°C/°F).

Display

Meaning



Body temperature mode.



Object temperature mode.



Memory mode.

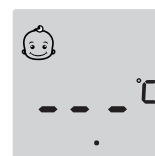



Change the batteries immediately.

7. Before first use

- Before first use, insert the batteries supplied.
 - > 13. Battery Replacement [page.16]

8. Switching on and setting the thermometer







- Press the Start button **START** or Mode button **MODE** briefly.
 - > The device switches on. After two seconds, the display shows that the device is ready for use.
 - > The device always starts in body temperature mode. 


8-1. Setting the measurement unit

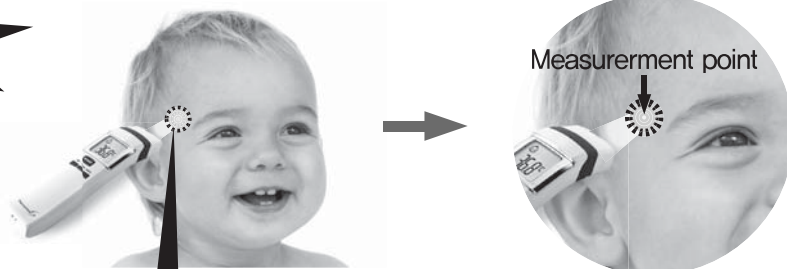
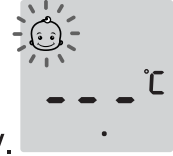
- Press the Mode button **MODE** and MEM button **MEM** simultaneously for at least 3 to 4 seconds.
 - > The device switches to the other measurement unit.
 - > Possible measurement units : Celsius °C and Fahrenheit °F

8-2. Setting the measurement sound

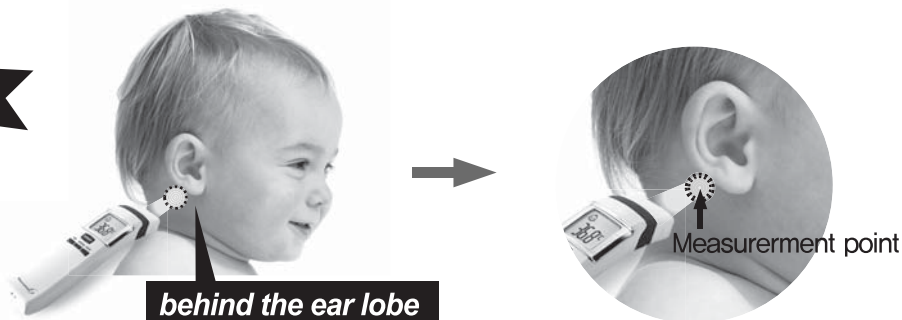
- Press the Sound button  briefly.
 - > Each time the button is pressed, the sound switches on or off.
 - > If the display shows  after pressing the button, the device emits sound.
 - > If the display shows  after pressing the button, the device does not emit sound.
 - > This setting is not stored. The next time the device is switched on, the sound is reset to. 

9. Measuring body temperature

- Press the Start button **START** or Mode button **MODE** briefly.
 - > The device switches on. After two seconds, the display shows that the device is ready for use.
 - > The device always starts in body temperature mode. 
- Hold the thermometer 2 to 3cm from the measuring point.
 - > The ideal measuring point is the temple area.
- Press the Start button **START** briefly.
 - > Keep the distance until you hear the measurement completion beep.
 - > If the thermometer is in silent mode, keep the distance for approximately 2 seconds.



Site of measurement recommended is the temple area



behind the ear lobe

NOTE

We recommend changing of measurement point to behind the ear lobe from forehead and temple. Because this area is less affected by sweating than the forehead.

- Temperature readings may vary according to location. Therefore we recommend to measure the temperature more than 2 points on the forehead. Then please recognize the highest temperature as the right temperature.
- Check the temperature on the LCD screen. This will be automatically stored.
- The internal LED will be turned as the result shows up.
 - > LED is automatically turned off after 2 to 3 seconds.

LED 2 Colors

Green : measurement range. 22°C to 37.9°C(71.6°F to 100.2°F)

Red : The temperature of the measuring point is above/below the measurement range. Hi Lo

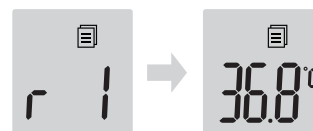
The device temperature is outside the operating temperature range.

16°C to 40°C(60.8°F to 104°F) Err

- When the measured temperature is more than 38°C(100.4°F)
 - > fever guidance helps you better explain to your child the meaning of their temperature.
 - > The screen will be green if no fever
- Read off the temperature on the display.
 - > The measurement is automatically stored.


10. Displaying stored measurements

- Press the Start button **START** or Mode button **MODE** briefly.
 - > The device switches on. After two seconds, the display shows that the device is ready for use.
- The device automatically stores the last 32 measurements.
- Press the MEM button **MEM** briefly.
 - > The most recent measurement is displayed.



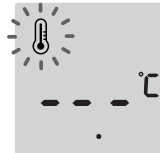
- Each additional press of the MEM button **MEM** calls up the next most recent measurement. The number on the display indicates how many measurements ago this reading was taken.
 - > The thermometer then changes to body temperature mode after 30 seconds.
- The device only stores measurements when in body temperature mode.

11. Measuring object temperature

- Press the Start button **START** or Mode button **MODE** briefly.
 - > The device switches on. After two seconds, the display shows that the device is ready for use.
 - > The device always starts in body temperature mode. 

- Press the Mode button **MODE** briefly.
 - > The device switches to the object temperature measuring mode. 

- Check the measurement ready status in LCD.








- Hold the thermometer 2 to 3cm from the desired measuring point.
- Press the Start button **START** briefly.
 - > Keep the distance until you hear the measurement completion beep.
 - > If the thermometer is in silent mode, keep the distance for approximately 2 seconds.



- Read the temperature from the display.
 - > Measurements in object temperature mode are not stored.



12. Error messages

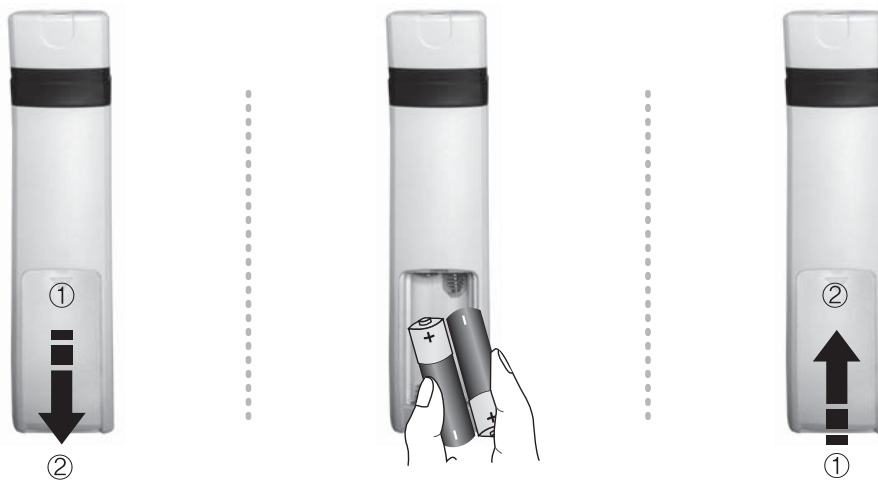
Display	Error description	Trouble-shooting
	The device temperature is outside the operating temperature range.	Operating temperature approx. 16°C to 40°C (60.8°F to 104°F)
	The temperature of the measuring point is above the measurement range.	Measurement range for body temperature : 22°C to 42.5°C (71.6°F to 108.5°F) Measurement range for object temperature : 10°C to 80°C (50°F to 176°F)
	The temperature of the measuring point is below the measurement range.	
	The batteries are weak.	Change batteries.
	Display appears briefly after changing the batteries.	

NOTE

If you are exposed between 15°C to 20°C (59°F to 68°F), the forehead temperature can become lower due to an influence of circumstance temperature.

13. Battery Replacement

- The device requires two AAA(LR03) batteries.
 - > Open the battery compartment.
 - > For this purpose, slide down the battery compartment lid on the back.
- Take the used batteries out of the battery compartment.
- Insert new batteries.
 - > Make sure that the batteries are inserted the right way round.
- Close battery compartment.
 - > Used batteries should not be disposed of in normal household waste.
 - > You are legally required to dispose of the batteries.
 - > Dispose of them via your electronics retailer or your local recycling point.



A warning to remove primary batteries if device is not likely to be used for some time.





> Storage and transfer conditions the temperature : -20°C to $+50^{\circ}\text{C}$

> Remove the batteries if the device is not to be used for a long time over three months, the batteries may leak and cause a malfunction.

This device and accessories are to be disposed of safely after the life span of them and national regulation must be observed.

14. Maintenance and Storage

- The sensor part of the thermometer is very sensitive and must be kept clean and undamaged.
- Do not put any foreign materials inside the probe.
- To clean the sensor, using a cotton swab with alcohol (ethanol), carefully wipe the surface clean.
- Any direct rays of the sun should be avoided and should be stored in a place without dusts or pollutants.
- The thermometer should be stored in room temperature and suitable outside temperature is between 16°C to 40°C (60.8°F to 104°F)
- If the thermometer was not placed in room temperature, leave the temperature in room temperature for 30 minutes before use it.
- If the product need be repaired, please contact the dealers or HuBDIC.

-
-  Do not subject the thermometer to strong shocks, such as dropping the unit on the floor.
 -  Do not submerge the device or any of the components in water or any other solutions.
 -  Store the thermometer and the components in a clean, safe location.
 -  Do not modify this thermometer without authorization of the manufacturer.
Do not disassemble or attempt to repair the unit or components.
-

15. Recommended Temperatures

- It is recommended that indoor temperature be set to 24°C to 26°C(75.2°F to 78.8°F) with humidity of 40% to 60%. Thermometers and hygrometers in winter should be placed at infant's rooms.
- Bathing environment for infants must be maintained at 24°C to 27°C(75.2°F to 80.6°F) and 5 minutes bathing with water at 38°C to 40°C(100.4°F to 104°F) is recommended. Infants must be dried well and properly hydrated thereafter. During winter, 11 A.M to 2 P.M is recommended for infant bathing time.
- Temperature for formula milk is recommended at 38°C(100.4°F)

16. Safety

- Readings should not be substituted for medical examinations.
- For infant and child measurement be sure to hold the child still. Movement can result in an inaccurate reading.
- Do not modify, disassemble and/or repair the thermometer under any circumstances. Warranty void if the damage or malfunction is caused by modification.
- If thermometer is not in use for a long period of time, remove battery from device and store device in a safe place. Store used batteries separately.

NOTE

ASTM laboratory accuracy requirements in the display range of 22 to 40°C(71.6°F to 104.0°F) for IR thermometers is $\pm 0.3^{\circ}\text{C}$ ($\pm 0.5^{\circ}\text{F}$), whereas for mercury-in-glass and electronic thermometers, the requirement per ASTM Standards E 667-86 and E 1112-86 is $\pm 0.1^{\circ}\text{C}$ ($\pm 0.2^{\circ}\text{F}$)

NOTE

- > For at least 30 minutes patients and thermometer should stay in steady-state room condition.
 - > If the product is stored in the outside of normal room temperature, the thermometer should stay in normal room temperature for 30 minutes before use.
 - > Don't take a measurement while or immediately after nursing a baby.
 - > Temperature readings may vary according to location. Therefore we recommend to measure the temperature more than 2 points on the forehead. Then please recognize the highest temperature as the right temperature.
 - > Don't use the thermometer in high humidity environments.
 - > Don't move the measurement device from the measuring area before hearing the termination beep.
-

- > *Type of protection against electric shock: Internally Powered equipment.*
- > *Degree of protection against electric shock: Type BF applied parts.*
- > *Classification according to the degree of protection against ingress of water as detailed in the current edition of IEC 60529: IP22, ordinary equipment.*
- > *Mode of operation: continuous operation.*

This equipment has been tested and found to comply with the limits for medical devices in IEC/EN 60601-1-2:2007. These limits are designed to provide reasonable protection against harmful interference in a typical medical installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to other devices in the vicinity. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to other devices, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- *Reorient or relocate the receiving device.*
- *Increase the separation between the equipment.*
- *Connect the equipment into an outlet on a circuit different from that to which the other device(s) are connected.*
- *Consult the manufacturer or field service technician for help.*

17. Product Specifications

Item	Details of description
Measurement method	Infrared(IR) measurement, Non-Contact measurement
Basic functions	Switches for Multi-measurements (Body and Object temperatures) Switches for Celsius/Fahrenheit, Memory function, Sound controls(On,Off)
Operating condition	16°C to 40°C(60.8°F to 104°F), Humidity : below 95% Atmospheric Pressure(hPa) 700~1060
Transport and Storage condition	-20°C to 50°C(-4°F to 122°F), Humidity : below 95% Atmospheric Pressure(hPa) 700~1060
Measuring distance	2 to 3cm from the measuring point is the temple area
Measuring range	Body temperature : 22°C to 42.5°C (71.6°F to 108.5°F) Accuracy : ±0.2°C (36°C~39°C) Other Accuracy : ±0.3°C Object temperature : 10°C to 80°C (50°F to 176°F) Accuracy : ±2°C
Measuring time	Less than 2seconds, Continuous measurement
Resolution	0.1°C
Mode selection	Body temperature, Object temperature
Memory function	Automatic memory function Confirm the result by using memory button Can store up to 32 results(1 to 32)
Sound	Button sound, Measuring sound, Result sound, The sound can be turned on and off by using Sound button

Item	Details of description
Screen type	Liquid crystal display(mono LCD)
Display	Body temperature mode, Object temperature mode, Memory location, Low Battery, °C/°F degree, Hi / Lo signs for the temperature outside the measurable ranges
Button	Start, Sound, Mode, Memory
Backlight	Turned on for 3 seconds after measurement The backlight turned off automatically
Power-saving	Turned off automatically after one minute
Components	FS-700 1set, Manual, Battery(AAA type) 2ea
Power	≡ 3V (AAA 1.5V Battery 2 EA)
Measurable numbers	More than 5,000 times
Size	152mm(W) x 36mm(D) x 37mm(H)
Weight	68g (without batteries)
Origin	Republic of Korea


Electromagnetic Conformity Declaration

Appendix 1

Guidance and Manufacturer's Declaration - Electromagnetic Emissions

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

Emissions test	Compliance	Electromagnetic environment – guidance
RF emissions CISPR 11	Group 1	The thermometer 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 11	Class B	The thermometer 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.
Harmonic emissions IEC 61000-3-2	Not applicable	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Not applicable	

Emissions test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment - Guidance
Conducted RF IEC 61000-4-6 Radiated RF IEC 61000-4-3	3 Vrms 150 kHz to 80 MHz 3 V/m 80 MHz to 2,5 GHz	Not applicable 3 V/m	Portable and mobile RF communications equipment should be used no closer to any part of this thermometer, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance $d = 1,2 \sqrt{P}$ $d = 1,2 \sqrt{P}$ 80 MHz to 800 MHz $d = 2,3 \sqrt{P}$ 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 meters (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic 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 propagation 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 thermometer is used exceeds the applicable RF compliance level above, the thermometer should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the thermometer.

b. Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

FS-700 *Non-contact infrared thermometer*

Emissions 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 %.
Electrical fast transient/burst IEC 61000-4-4	2 kV for power supply lines 1 kV for input/output lines	Not applicable	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	1 kV line(s) to line(s) 2 kV line(s) to earth	Not applicable	Mains power quality should be that of a typical commercial or hospital environment.
Interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5 % UT (>95 % dip in UT) for 0,5 cycle 40 % UT (60 % dip in UT) for 5 cycles 70 % UT (30 % dip in UT) for 25 cycles <5 % UT (>95 % dip in UT) for 5 sec	Not applicable	Mains power quality should be that of a typical commercial or hospital environment. If the user of the TH8xyz series requires continued operation during power mains interruptions, it is recommended that the TH8xyz series be powered from an uninterruptible power supply or a battery.
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.

NOTE: UT is the a.c. mains voltage prior to application of the test level.

Appendix 2

Recommended separation distances between portable and mobile RF communications equipment and the ME EQUIPMENT or ME SYSTEM

The thermometer is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the thermometer can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the thermometer 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		
	150 kHz to 80 MHz $d = 1,2 \sqrt{P}$	80 MHz to 800 MHz $d = 1,2 \sqrt{P}$	800 MHz to 2,5 GHz $d = 2,3 \sqrt{P}$
0,01	0,12	0,12	0,23
0,1	0,38	0,38	0,73
1	1,2	1,2	2,3
10	3,8	3,8	7,3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (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.

18. Warranty

- Warranty period is one year after the original purchase.
- Defective products will be repaired or replaced free of charge within the warranty period.
- In case of damage by carelessness of end user is not applied to this warranty condition.
- Service period can not be extended after repairing.
- If repaired by any unauthorized personnel/technician, warranty is void

Product	IR FOREHEAD THERMOMETER		
Purchasing date	20	Model	FS-700
Customer Information			
Name		Phone	
Address			
<p>HuBDIC</p> <p>Manufactured By</p> <p>HuBDIC CO.,LTD</p> <p>B-301, Taekwang-industrial Building, 191-1, Anyang 7-dong, Manan-gu, Anyang-si, Gyeonggi-do, Korea (zip 430-815) Service Call : +82-1644-3375 http://www.hubdic.com</p> <p><small>EC REP</small> EU Authorized Representative</p> <p>Inter KOTRA GmbH</p> <p>Kurfürstenplatz 34 D-60486 Frankfurt am Main Germany Tel :+49 (0)69 - 71675855 / Fax: +49 (0)69 - 778918</p>			



Symbol for "CAUTION"



Symbol for "TYPE BF APPLIED PARTS"



Symbol for "ENVIRONMENT PROTECTION"

Waste electrical products should not be disposed of with household waste.

Please recycle where facilities exist. Check with your local Authority or retailer for recycling advice.



Symbol for "MANUFACTURER"



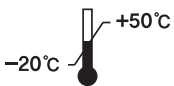
Symbol for "CE MARKING"



Symbol for "EUROPEAN REPRESENTATION"



Symbol for "CONSULT INSTRUCTIONS FOR USE"



Symbol for "TEMPERATURE LIMITATION"



Symbol for "Direct Current"



Symbol for "DEGREE OF PROTECTION AGAINST HARMFUL INGRESS OF WATER"

The thermometer is in compliance with the following international regulatory and safety standards.

EN ISO 13485:2012, ISO 9001:2008, ISO 14971:2012, IEC 60601-1: 2005, EN12470-5:2003
 ASTM E 1965-98:2003, EN 60601-1-2: 2007, IEC 60601-1-6:2010, IEC 60601-1-11: 2010,
 IEC 62366: 2007, IEC 60601-1-6: 2010, EN ISO 15223-1:2012, EN 1041:2013, EN 62304:2006
