

**DECLARATION OF CONFORMITY
TO COUNCIL DIRECTIVE 93/42/EEC OF 14 JUNE 1993
CONCERNING MEDICAL DEVICES**



MANUFACTURER:

MEDICAL DEVICE: Non-contact Infrared Thermometer
JXB-182, JXB-178, JXB-179, JXB-180, JXB-181, JXB-183, JXB-185, JXB-186, JXB-188, JXB-189, JXB-190, JXB-191, JXB-192, JA001, JXB-301, JXB-302, LMP001, JXB-195, JXB-303, JXB-307, JXB-308, JXB-182B, JXB-311

CLASSIFICATION - ANNEX IX: CLASS IIA, RULE 10

CONFORMITY ASSESSMENT ROUTE: ANNEX II.3

WE, THE MANUFACTURER, IS EXCLUSIVELY RESPONSIBLE FOR THE DECLARATION OF CONFORMITY, HERewith DECLARE THAT THE STATED MEDICAL DEVICES MEET THE TRANSPOSITION INTO NATIONAL LAW, THE PROVISIONS OF COUNCIL DIRECTIVE 93/42/EEC OF 14 JUNE 1993 CONCERNING MEDICAL DEVICES; INCLUDING, AT 21 MARCH 2010, THE AMENDMENTS BY COUNCIL DIRECTIVE 2007/47/EEC. ALL SUPPORTING DOCUMENTATION IS RETAINED AT THE PREMISES OF THE MANUFACTURER.

STANDARDS APPLIED: SEE ATTACHED LIST OF (HARMONISED - EN) STANDARDS FOR WHICH DOCUMENTED EVIDENCE OF COMPLIANCE CAN BE PROVIDED. (NOTE: IT IS SUGGESTED THAT THIS LIST STATE THE STANDARDS' FULL NAME AND DATE OF ISSUE AND INCLUDES ALL AMENDMENTS. A CROSS REFERENCE TO THIS STANDARDS LIST FROM THE ESSENTIAL REQUIREMENTS CHECKLIST MINIMISES DOCUMENT CHANGES IN THE EVENT OF STANDARDS RE-ISSUE OR AMENDMENT).

NOTIFIED BODY: TÜV SÜD PRODUCT SERVICE GMBH
RIDLERSTR 65, D-80339 MÜNCHEN, GERMANY

IDENTIFICATION NUMBER **CE** 0123

(EC) CERTIFICATE(S): EC CERTIFICATE(S) NUMBER(S) NO. G1 082883 0014 REV.00
SHOW ONLY THE EC CERTS WITH A SCOPE THAT COVERS THE PRODUCTS LISTED



EUROPEAN REPRESENTATIVE: Wellkang Ltd; Addr: The Black Church, St. Mary's Place, Dublin 7, D07 P4AX, Ireland;
Tel: +353(1)4433560
E-mail: AuthRep@CE-marking.eu

(THERE MAY BE ONLY ONE EC REP FOR EACH PRODUCT TYPE FOR ALL THE EU)

START OF CE-MARKING: 2012-09-07

PLACE, DATE OF DECLARATION: GUANGZHOU 511470, 2019-05-15

SIGNATURE:



NAME: KEN GUO

POSITION: (RESPONSIBLE SENIOR EXECUTIVE OF MANUFACTURER)



Non-contact Infrared Thermometer Model: JXB-178

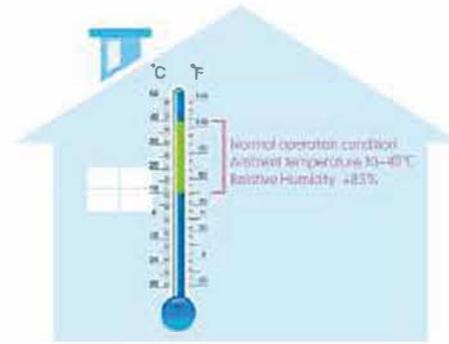
Contents

I. Safety precautions	1
II. Intended use	2
III. Introduction	2
IV. Precautions before use	2
V. Operating principle	2
The different methods of temperature measurement	2
Normal temperatures according to measurement method	2
Advantages of temporal artery (ta) temperature	3
Normal temperature according to age	3
Practical considerations when taking a temperature	3
How to take a temperature	3
Constraints	3
VI. Basic instrument	3
VII. Features	4
VIII. Instructions	4
IX. Setting and function of menu	4
X. Technical specifications	5
XI. Maintenance of the product	5
XII. Accessories	5
XIII. Guidelines	5
XIV. Troubleshooting	5
XV. Explanation of symbols	6
XVI. EMC Declaration	6

THE MANUFACTURER RESERVES THE RIGHT TO ALTER THE SPECIFICATIONS OF THE PRODUCT WITHOUT PRIOR NOTIFICATION

Quick guide

● 1. Measure Temperature Indoors



● 2. Before measuring

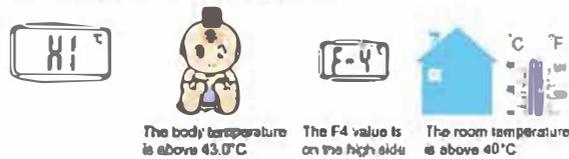


● 3. Note:

1. Lo may display due to following circumstances



2. Hi may display due to following circumstances



Temperatures are measured by the energy emitted by humans. Thermometer does not emit radiation as it is harmless.

I. Safety precautions

- Follow the maintenance advice stipulated in this instruction manual.
- This device may be used for professional purposes or for personal home use.
- This device must only be used for the purposes described in the instruction manual.
- This device must only be used in an ambient temperature range of between 10°C and 40°C.
- This device must always be kept in a clean, dry area.
- Do not expose this thermometer to electric shocks.
- Do not expose this thermometer to extreme temperature conditions of >55°C or <-20°C.
- Do not use this device in relative humidity higher than 85%.
- The protective glass over the lens is the most fragile part of the thermometer.
- Do not touch the glass of the infrared lens with your fingers.
- Clean the glass with a cotton bud lightly moistened with 95% alcohol.
- Do not expose the thermometer to sunlight or to water.
- Never drop the device.
- Should a problem occur with your device, please contact your retailer. Do not attempt to repair this device yourself.

II. Intended use

The device is an infrared thermometer intended to measure forehead temperature of infants and adults without contacting human body. It can be used by consumers in household environment and doctor in clinic as reference.

III. Introduction

The JXB-178 Non-contact Infrared thermometer has been developed by using the latest infrared technology. This technology allows temporal artery (TA) temperature to be taken at a distance of about 3cm-5cm away from the forehead. Precise, instantaneous and without contact, the JXB-178 is, up to now, the most suitable thermometer for no risk on temperature measurement. It has been demonstrated that this method of TA temperature measurement is more precise than the tympanic thermometry and better tolerated than rectal thermometry (1). However, as with other types of thermometer, it is essential to use the JXB-178 properly in order to obtain reliable and stable results. You are therefore advised to read this instruction manual and the safety precautions carefully before use. (1)Greenes D, Fleisher G. Accuracy of a Noninvasive Temporal Artery Thermometer for Use in Infants. Arch Pediatr Adolesc Med 2001;155:376.

IV. Precautions before use

The JXB-178 is preset at the factory. It is not necessary to calibrate the device when starting it up.

In order to obtain reliable and stable results, you are advised each time there is a significant change in the ambient temperature due to a change in environment, to allow the JXB-178 to acclimatize to this ambient temperature for 15 to 20 minutes before using it. It is important to allow 3-5 seconds interval between two measurements.

V. Operating principle

All objects, solid, liquid or gas, emit energy by radiation. The intensity of this energy depends on the temperature of the object. The JXB-178 infrared thermometer is therefore able to measure the temperature of a person by the energy that person emits. This measurement can be taken thanks to an external temperature probe on the device which permanently analyses and registers the ambient temperature. Therefore, as soon as the operator holds the thermometer near the body and activates the radiation sensor, the measurement is taken instantly by detection of the infrared heat generated by the arterial blood flow. Body heat can therefore be measured without any interference from the heat of the surrounding environment.

THE DIFFERENT METHODS OF TEMPERATURE MEASUREMENT

Core temperature

Core temperature is the most precise measurement and involves measuring the temperature in the pulmonary artery by means of a catheter equipped with a thermal probe which can read the temperature in situ. The same method is employed for probes measuring the oesophageal temperature. However, such invasive temperature measurement methods require specific equipment and expertise.

Rectal thermometry

Rectal temperature adjusts slowly in comparison to the evolution of the body's internal temperature. It has been demonstrated that rectal temperature remains raised long after the internal temperature of the patient has started to drop and vice versa. Furthermore, rectal perforations have been known to occur as a result of this method and without appropriate sterilisation techniques, rectal thermometry can spread germs often found in faeces.

Oral thermometry

Oral temperature is easily influenced by recent ingestion of food or drinks and by breathing through the mouth. To measure oral temperature, the mouth must remain closed and the tongue lowered for three to four minutes which is a difficult task for young children to accomplish.

Axillary (earpit) temperature

Although it may be easy to measure axillary temperature, it has been proven that it does not provide an accurate measurement of the child's internal temperature. To take this type of temperature, the thermometer must be wedged tightly over the axillary artery. Despite the low sensitivity and relative inaccuracy of axillary temperature in detecting fever, this method is recommended by The American Academy of Pediatrics as a screening test for fever in newborns.

Tympanic thermometry

In order to obtain a precise temperature reading, good command of the measurement technique is required. The thermometer probe must be placed as close as possible to the warmest part of the external ear canal.

Normal temperatures according to measurement method

MEASUREMENT METHOD	NORMAL TEMP°
RECTAL	36.6°C ~ 38°C
ORAL	35.5°C ~ 37.5°C
AXILLARY	34.7°C ~ 37.3°C
AURICULARY	35.8°C ~ 38°C
TEMPORAL	35.8°C ~ 37.8°C

The temperature of the human body varies throughout the day. It can also be influenced by numerous external factors: age, sex, type and thickness of skin...

Advantages of temporal artery (ta) temperature

Infrared arterial temperature can be measured using a device placed on the forehead, in the temporal artery region. It has been demonstrated that this relatively new method of measuring temperature is more precise than tympanic thermometry and better tolerated than rectal thermometry. The JXB-178 thermometer after has been designed to produce an instant forehead temperature reading without any contact with the temporal artery. As this artery is quite close to the surface of this skin and therefore accessible and given the blood flow is permanent and regular, it allows precise measurement of the temperature. This artery is linked to the heart by the carotid artery which is directly linked to the aorta. It forms part of the main trunk of the arterial system. The efficiency, speed and comfort of taking a temperature from this area make it ideal compared with other temperature measurement methods.

Normal temperature according to age

Age	°C	°F
0-2 years	36.4-38.0	97.5-100.4
3-10 years	36.1-37.8	97.0-100.0
11-65 years	35.9-37.6	96.6-99.7
> 65 years	35.8-37.5	96.4-99.5

Practical considerations when taking a temperature

- In order to ensure that precise and accurate temperature measurements are obtained, it is essential that each user has received a adequate information on and train in the temperature measurement technique when using such a device.
- It is essential to remember that although procedures such as taking a temperature may be simple they must not be trivialised.
- Temperature should be taken in a neutral context. The patient must not have undertaken vigorous physical activity prior to taking his/her temperature and the room temperature must be moderate.
- Be aware of physiological variations in temperature which must be taken into consideration when evaluating the results: ion temperature increases by 0.5° between am and 3 pm. Women have a temperature that is higher, on average, by around 0.2°C. Their temperature also varies in accordance with their ovarian cycle. It rises by 0.5°C in the second half of the cycle and at the early stages of pregnancy.
- When sitting, temperature is lower by about 0.3°C to 0.4°C than when standing.

How to take a temperature

Aim at the middle of forehead, from a distance of about 3cm-5cm, press the thermometer's measurement button and the left temperature is instantly displayed.



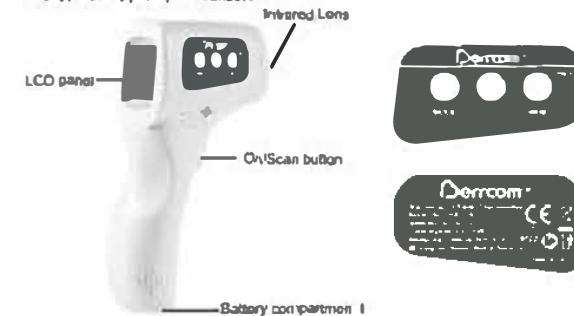
The reliability of the measurement cannot be guaranteed if the temperature is measured over another part of the body (e.g.am, torso...)

Constraints

- Please observe the following before any temperature measurement to ensure a stable and reliable result.
- Push back hair from the forehead.
 - Wipe away any perspiration from the forehead.
 - Avoid any drafts (e.g. from nasal specs, air conditioning...)
 - Allow a 3-5 seconds interval between two measurements.
 - Each time there is a significant change in the ambient temperature due to a change in environment, to allow the JXB-178 to acclimatise to this ambient temperature for at least 15 minutes before using it.

VI. Basic instrument

The type BF applied part: Sensor.



VII. Features

1. Special design to take the Human Body Temperature with a 3cm-5cm (1.2-2 in) distance from forehead.
2. Reliable and stable measurement. Thanks to the advanced Infrared Detection System.
3. Audible alarm if temperature is more than 38°C (100.4°F).
4. Memorize the last 32 temperature measurements.
5. Three color backlights LCD digital display screen.
6. Temperature unit can be displayed in either Celsius or Fahrenheit.
7. Automatic power-off (<30 sec) to conserve energy.
8. Longevity use (100,000 readings).
9. Practical, easy to use.

Additional usage:

JXB-178 can also be used to measure the temperature of a baby bottle or bath (by using the Surface Temp Mode), or room temperature (by using the Room Mode).

VIII. Instructions

1. Install battery.
 2. For the first use or when inserting new battery, wait from 10-15 minutes for the warm-up of the unit. This will allow the unit to become acclimated to the temperature of the room.
 3. Press On/Scan button aim towards the forehead (see the diagram below for the JXB-178 positioning), from a distance of 3cm-5cm. When press the "On/Scan" button in the standby mode, the measuring is done when the temperature is showing in the screen or the buzzer sounding. Measuring time is one second.
- Tips: Do not move the position of the thermometer before the testing is done.**
4. Before taking the temperature, make sure to remove hair and perspiration from the forehead.

IX. Setting and function of menu



1. Switch on the device
Press the "On/Scan" button, one second after the screen part in full display, it will enter the standby mode with the sign "C" or "F". Then press the "On/Scan" button again, you will get the measuring result in 1 second. But if there is no more operation, it will turn off in 30 seconds automatically.
 2. In the switch on state, Setting the mode
a. Press "MODE" button, and the screen will display: Body...°C
b. Press again "MODE" button and the screen will display: Room...°C
c. Press again "MODE" button and the screen will display: Surface Temp...°C
- Note: The thermometer default is set to BODY mode.**

Important!
The surface temperature differs from the internal body temperature. To obtain the internal temperature, always use the "BODY" mode. Please make sure to select "SURFACE TEMP" mode for an external area reading.

3. F1: Choosing the temperature unit
In the switch on state, Press "MODE" button for 2 seconds, the screen will display "F1", then press "MEM" button once, the screen will display "F2", press "MODE" button to confirm. Confirm by pressing "MEM" button.
 4. F2: Alarm setup
In the switch on state, Press "MODE" button for 2 seconds, the screen will display "F1", then press "MEM" button once, the screen will display "F2", press "MODE" button to choose the alarming temperature from 37.3°C to 39.1°C (99.1°F to 102.4°F). Confirm by pressing "MEM" button.
Note: The alarm threshold default value is 38°C (100.4°F)
 5. In the switch on state, Press "MEM" (Memory) button, which will then display the last temperature, and allows for a view of the last 32 measurements.
In the switch on state, Press "MEM" button and hold for 5 seconds, all data in memory will be deleted. Then press "MEM" button again, the display will show "01".
 6. In the switch on state, press "ON" can open or close the buzzer.
When the screen shows "ON", the buzzer opened.
When the screen shows "OFF", the buzzer closed.
 7. Recalibration of device via the F4 MENU
When there is the difference between JXB-178 and mercury thermometer, and you believe mercury thermometer from its temperature but it is not convenient to use. You can use recalibration function to adjust the JXB-178 to make it the same last result with mercury thermometer after recalibration.
Besides, when you use JXB-178 for the people with different skin color (For example: the yellow race, the white race, black people and so on) you can use recalibration too.
- Instructions for recalibration:**
In the switch on state, Press "MODE" button for 2 seconds, the screen will display "F1", then press "MEM" button twice, the screen will display "F4", press "MODE" button to choose the Offset value from -3°C to 3°C (-5.4°F to 5.4°F). Confirm by pressing "MEM" button.
In the case of seasonal or environmental changes a verification and adjustment should be carried out.

X. CHANGING THE BATTERIES

Display: when the LCD screen displays the flashed symbol "B", the battery is used.
Operation: Open the lid and change the batteries, taking great care with the correct positioning. A mistake with it is could cause damage in the apparatus and compromise the guarantee of your JXB-178. Never use rechargeable batteries. Use only batteries for single usage.



X. Technical specifications

1. Normal using condition
Ambient temperature: 10°C ~ 40°C (50°F ~ 104°F)
Relative humidity: <85%
2. Batteries: DC 3V (2 pcs AA batteries)
3. Unit size: 155 x 100 x 20 mm (L x W x H)
4. Unit weight (without battery): 185g
5. Temperature display resolution: 0.1°C (0.1°F)
6. Measuring range:
In body mode: 32.0°C ~ 43.0°C (89.6°F ~ 109.4°F)
Under body mode, there is three color backlit:
Green color backlit: 37.3°C (99.1°F), means normal temperature.
Orange color backlit: 37.4°C ~ 37.9°C (99.3°F ~ 100.2°F), means low fever.
Red color backlit: 38°C (100.4°F), means high fever.
In surface temp mode: 0°C ~ 60°C (32°F ~ 140°F)
In room mode: 0°C ~ 40°C (32°F ~ 104°F)
7. Precision:
32.0°C ~ 34.9°C (89.6°F ~ 94.8°F) ±0.3°C (±0.6°F)
35.0°C ~ 42.0°C (95°F ~ 107.6°F) ±0.2°C (±0.4°F)
42.1°C ~ 43.0°C (107.8°F ~ 109.4°F) ±0.3°C (±0.6°F)
8. Consumption: 5300mW
9. Accuracy: ±0.3°C (0.6°F)
10. Measuring distance: 3cm ~ 5cm (1.2in ~ 2in)
11. Automatic power-off: <math><30\text{ sec}</math>
12. Memory: 32 sets

Note: The Non-contact Infrared Thermometer Model JXB-178 can take temperature readings below 32.0°C or above 43.0°C (89.6°F to 109.4°F) but precision is not guaranteed outside of this range.

Longevity of the product

The JXB-178 was conceived for an intense and professional use, its longevity is guaranteed for 100,000 takings.

XI. Maintenance of the product

- The protective glass over the lens is the most important and fragile part of the thermometer, please take great care of it.
- Clean the glass with cotton fabric, wet with 95% alcohol.
- Do not use other batteries than mentioned batteries, do not recharge non-rechargeable batteries, do not throw in fire.
- Remove the batteries when thermometer is not used for an extended period of time.
- Do not expose the thermometer to sunlight or water.
- An impact will damage the product.

XII. Accessories

- User Manual in English 1 pc
- AA alkaline batteries 2 pcs

XIII. Guidelines

This device complies with the EU Directive 93/42/EEC concerning medical products, the ISO 9001:2008 and the European Standard EN60601-1-2 and is subject to particular precautions with regard to electromagnetic compatibility.

XIV. Troubleshooting

If you have problems while using your thermometer, please refer to this guide to help resolve the problem. If the problem persists, please contact our customer service.

THE SCREEN DISPLAYS TEMPERATURE HIGHER THAN 43.0°C (109.4°F):
The temperature is in Fahrenheit. Change the measurement to Celsius.

THE SCREEN DISPLAYS TEMPERATURE LOWER THAN 32°C (89.6°F):
To take the surface temperature, press the "MODE" button and set to the reading called "Body". If the device is in Surface Temp Mode, the 32°C (89.6°F) temperature displayed is showing the external temperature of your body, rather than the internal.

THE SCREEN DISPLAYS THE MESSAGE HI
When using the JXB-178 Thermometer, the message "HI" can show on the screen. In this case, the temperature is above the measurement range selected, either above 43.0°C (109.4°F) in Body Mode.

THE SCREEN DISPLAYS THE MESSAGE LO
When using the JXB-178 Thermometer, the message "LO" can show on the screen. In this case, the temperature analyzed is under the measuring range selected, either less than 32°C (89.6°F) in Body Mode.



This message displays for various reasons. Please find below a list of the main issues:

Reasons for LO message display	Advice
Temperature reading hindered by hair or perspiration	Make sure there is no obstruction or dampness prior to taking temperature.
Temperature hindered by an air draft or dramatic change in ambient temperature.	Make sure there is no air blowing in the area of use; this could affect the infrared reading.
Temperature readings are too close together and the thermometer did not have time to mix itself.	Pause for 3-6 seconds minimum between readings; a 15 seconds pause is recommended.
The measuring distance is too far.	Take measurements at the recommended distance (app. 3-5 or 1.2m-2.0m).

XV. Explanation of symbols

Symbol	Reference
	Trade mark
	IEC 60417-5333, Type BF applied part
	IEC 60417-5031 Direct current
	Protected against access to hazardous parts with a finger and against vertically falling water drops when enclosure tilted up to 15°
	Refer to instruction manual / booklet
	DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.
	This symbol shall be accompanied by the name and the address of the manufacturer
	Specifies serial number

XVI. EMC Declaration

Guidance and manufacturer's declaration – electromagnetic immunity

The "JXB-178" is intended for use in the electromagnetic environment specified below. The customer or the user of the "JXB-178" should ensure that it is used in such an environment.

Immunity test	IEC 60601-1-2 level	Compliance level	Electromagnetic environment – guidance
Electrostatic discharge (ESD) IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact 18 kV air	Foot should be used, 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	Not applicable for typical commercial hospital environment.
Surge IEC 61000-4-5	±1 kV line(s) line(s) ±2 kV line(s) to earth	Not Applicable	Main power quality should be in the typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	5% UT (≥ 95 % dp in UT) for 0.5 cycles 60 % UT (50 % dp in UT) for 5 cycles 70 % UT (50 % dp in UT) for 25 cycles 5% UT (≥ 95 % dp in UT) for 5 sec	Not Applicable	Main power quality should be that of a typical commercial hospital environment. If the user of the "JXB-178" requires continued operation during power outages, it is recommended that the "JXB-178" 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 least as 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.

Guidance and manufacturer's declaration – electromagnetic immunity

The "JXB-178" is intended for use in the electromagnetic environment specified below. The customer or the user of the "JXB-178" should ensure that it is used in such an environment.

Immunity test	IEC 60601-1-2 level	Compliance level	Electromagnetic environment – guidance
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	Not Applicable	Portable and mobile RF communications equipment should be used no closer to any part of the "JXB-178", including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance: $d = 1.5 \sqrt{P}$ 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 site survey, should be less than the compliance level in each frequency range. Interference may occur in the vicinity of equipment marked with the following symbol:
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	3 V/m	NOTE 1 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 "JXB-178" is used exceeds the applicable RF compliance level above, the Medical JXB-178 should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orientation or re-location of the "JXB-178".
b			Over the frequency range 150 kHz to 80 MHz, field strength should be less than 3 V/m.

Recommended separation distances between portable and mobile RF communication equipment and the Medical JXB-178

The "JXB-178" is intended for use in the electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the Medical JXB-178 can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the "JXB-178" 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 $d = 1.5 \sqrt{P}$	80 MHz to 800 MHz $d = 1.5 \sqrt{P}$	000 MHz to 2.5 GHz $d = 1.5 \sqrt{P}$
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 with EIRP at a maximum output power not listed, the recommended separation distance 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.

Wetkang Ltd
Address: The Black Church, St. Mary's Place, Dublin 7, D07 P4AX, Ireland
Tel: +353(1)433560
Email: AuthRep@CE-marking.eu
Web: www.CE-mark.com

CE 0123

Made in China



- Measurement of body/object/room temperature
- Hygienic and safe-measure without skin contact
- Measurement in <1 second Infrared measurement technology
- Display in Centigrade or Fahrenheit
- Free high temperature alarm setting

Unit size: 155 x 100 x 40 mm (L x W x H)

Unit weight (including batteries): 105g

Temperature display resolution: 0.1°C and 0.1°F

Measuring range: - In body mode: 32°C ~ 43°C (89.6°F ~ 109.4°F) -

Under body mode, there is three color backlit:

Green color backlit : ≤37.3°C (99.1°F), means normal temperature.

Orange color backlit: 37.4~37.9 °C (99.3~100.2 °F), means low fever.

Red color backlit: ≥38°C (100.4°F), means high fever.

In surface temp mode: 0°C ~ 60°C (32°F ~ 140°F) -

In room mode: 0°C ~ 40°C (32°F ~ 104°F)

Precision: 32.0°C ~ 34.9°C (89.6°F ~ 94.8°F) : ±0.3°C (±0.6°F)

35.0°C ~ 42.0°C (95°F ~ 107.6°F) : ±0.2°C (±0.4°F)

42.1°C ~ 43°C (107.8°F ~ 109.4°F) : ±0.3°C (±0.6°F)

Consumption: ≤ 300 Mw

Accuracy: ± 0.3°C (0.6°F)

Measuring distance: 3cm ~ 5cm (1.2in ~ 2in)

Automatic power-off: ≤30 secs

Memory: 32 sets