



BW-CX10

By Visiomed

EN



TEMPÉRATURES NORMALES SELON LE MODE DE MESURE / NORMAL TEMPERATURES ACCORDING TO PROCEDURE / NORMALE TEMPERATUREN OVEREENKOM-STIG DE MEETIMETHODE / TEMPERATURES NORMALES SECUN EL MODO DE MEDIDA / NORMALTEMPERATUREN JE NACH ART DER MESSUNG / TEMPERATURE NORMALI IN BASE ALLA MODALTIA DI MISURAZIONE

Mode de mesure / Measurement method / Meetmethode / Modo de medida / Art der messung / Modalità di misurazione	T° normale / Normal T° / Normale T° / T° normal
Rectal / Rectaal / Im after / Rettale	36.6°C – 38°C
Buccal / Oral / Oraal / Bucal / In der mundhöhle / Orale	35.5℃ – 37.5℃
Axillaire / Axillary / Onder de oksel / Axilar / In der achselhöhle / Ascellare	34.7°C – 37.3°C
Auriculaire / Aural / In het oor / Auricular / Im ohr / Auricolare	35.8°C – 38°C
Temporal / Temporaal / An der schläfenarterie (MyThermo BW-CX10®)	35.8°C – 37.8°C

La température du corps humain varie au cours de la journée. Elle peut être également influencée par de nombreux facteurs externes: l'âge, le sexe, type et épaisseur de peau...

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...

De temperatuur van het menselijk lichaam varieert in de loop van de dag. Zij kan eveneens worden beïnvloed door talrijke externe factoren: de leeftijd, het geslacht, het type en dikte van de huid...

La temperatura del cuerpo humano varia a lo largo del dia. Puede estar igualmente influenciada por numerosos factores externos: edad, sevo, tipo y espesor de la piel... Die Temperatur des menschlichen Körners schwankt im Laufe des Tages. Beeinflusst werden kann sie auch durch zahlreiche äußere Faktoren wie Alter, Geschlecht sowit Houtty und Haustärke...

La temperatura del corpo umano varia durante il giorno. Può essere altresì influenzata da numerosi fattori: l'età, il sesso, il tipo e lo spessore della pelle...

TEMPÉRATURES NORMALES SELON L'ÂGE / NORMAL TEMPERATURES BY AGE / NORMALE TEMPERATUREN NAAR GELANG DE LEEFTIJD / TEMPERATURAS NORMALES SEGÚN LA EDAD / NORMALTEMPERATUREN IN ABHÄNGIGKEIT VOM ALTER / TEMPERATURE NORMALI IN BASE ALL'ETA

Âge / Age / Leeftijd / Edad / Alter / Età (années / years / jaar / años / jahre / anni)	°C	°F
0-2	36.4 - 38.0	97.5 - 100.4
3-10	36.1 - 37.8	97.0 - 100
11-65	35.9 - 37.6	96.6 - 99.7
> 65	35.8 - 37.5	96.4 - 99.5

MYTHERMO BW-CX10: PRÉCISION / PRECISION / PRECISIE / PRECISIÓN / GENAUIGKEIT / PRECISIONE

34°C - 35.9°C = ± 0.3°C	93.2°F - 96.6°F = ± 0.3°F	Suivant / According to / Overeenkomstig de / Según / Gemäß / Conforme allo ISD 80601-2-56-2009
36°C - 39°C = ± 0.2°C	96.8°F - 102.2°F = ±0.2°F	
39°C - 42.5°C = ± 0.3°C	102.2°F - 108.5°F = ±0.3°F	

Le MyThermo BW-CX10 peut prendre des mesures de température en dessous de 32°C ou au-delà de 43°C. Hors de ces plages de température, la précision n'est pas garantie.

The MyThermo BW-CX10 can take temperature readings below 32°C or above 43°C (90°F to 109.4°F) but precision is not guaranteed outside of this range. Met de MyThermo BW-CX10 is het mogelijk temperatuurmetingen te verrichten onder 0°C of boven 43°C. Buiten dit temperatuurbereik wordt de nauwkeurigheid niet

geganndeerd. [] Hurbanno DW CV10 much tamaana Bidas Ja tamaanahun infaitana a 2000 a waxiana a 2000 furan da anta fani ja Ja tamaana Bid Cv10 awaa tamaana tamaa tamaana tamaa tamaana a 2000 furan da anta fani ja Ja tamaana tamaa tamaana a 2000 furan da anta fani ja Ja tamaana tama

El MyThermo BW-CX10 puede tomar medidas de temperatura inferiores a 32°C o superiores a 43°C. Fuera de estas franjas de temperatura, la precisión no está garantizada.

Mit dem MyThermo BW-CX10 können auch Temperaturen unter 32°C oder über 43 °C gemessen werden; die Genauigkeit außerhalb der oben genannten Messbereiche wird allerdings nicht garantiert.

Il MyThermo BW-CX10 può rilevare misure di temperatura inferiori a 32°C o superiori a 43°C. Fuori da questa gamma di misura non se ne garantisce la precisione.





THERMOFLASH® TECHNOLOGY Mod. BW-CX10 - BLUETOOTH 4.0 Battery Lithium : 500mAh Charging Voltage : DC-5V Nexmed technology Co., Ltd - Made i	0197 I/P: 3.7V

VISIOMED FRANCE BewellConnect®

bewellCO	nne©t
VISIOMED FRANCE INFRARED THERMOMETER THERMOFLASH® TECHNOLOGY Mod. BW-COLO B.UETOOTH 4.0 Battery Lithium : 500mAh Chorging Voltage : DC-5V Nexmed technology Co., Ltd - Mode	★ 0197 I/P: 3.7V → in China

DIAGNOSTIC DE PRISE DE TEMPÉRATURE / DIAGNOSTIC OF TEMPERATURE READING / DIAGNOSE TEMPERATUURMETING / DIAGNÓSTICO DE LA LECTURA DE TEMPERATURA / DIAGNOSE TEMPERATURMESSUNG / DIAGNOSI LETTURA DELLA TEMPERATURA

< 35.5℃ < 95.8℃	Hypothermie / Hypothermia / Hypothermie / Hipotermia / Unterkühlung / Ipotermia
35.5°C - 36.2°C 95.9°F - 97.2°F	Temp. à surveiller / Temp. to watch / Temp. moet in de gaten worden gehouden / Temp. en observación / Zu beobachtende temp. / Temp. da tenere in osservazione
36.3°C - 37.3°C 97.4°F- 99.2°F	Temp. normale / Normal temp. / Normale temp. / Temp. normal / Normalna temp.
37.4°C - 37.9°C 99.3°F - 100.2°F	Temp. à surveiller / Temp. to watch / Temp. moet in de gaten worden gehouden / Temp. en observación / Zu beobachtende temp. / Temp. da tenere in osservazione
>38°C >100.3°F	Fièvre / Fever / Koorts / Fiebre / Fieber / Febbre

SAFETY PRECAUTIONS

4

CE 0197	Marquage CE / 93/42/EEC CE marking
\triangle	Attention / Caution
Ť	Garder au sec / Keep dry
3	Voir le manuel d'instructions / Refer to instruction manual. Avis sur l'équipement "Suivre les instructions d'utilisation". / Note on the equipment "Follow instructions for use".
Ť	Pièce appliquée de type BF / Type BF applied part
X	Le dispositif, ses accessoires et son emballage doivent être recyclés de la façon appropriée au terme de leur utilisation. Veuillez respecter les réglements et règles locaux. The device, accessories and the packaging have to be disposed correctly at the end of the usage. Please follow local ordinances or regulations for disposal.
EC REP	Représentant agréé au sein de la Communauté Européenne / Authorized representative in the European Community
	Fabricant / Manufacturer
SN	Numéro de série / Serial number

BEWELLCONNECT BW-CX10 IS CLINICALLY TESTED AND APPROVED ISO 80601-2-56:2009.

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Discover how to setup and use the application Bewell Connect by visiting our website www.bewell-connect.com/install

The manufacturer reserves the right to alter the specifications of the product without prior notification.

1. SECURITY WARNINGS

- Follow the maintenance advice stipulated in this instruction manual.
- This device may be used for personal home use.
- This device must only be used for the purposes described in this instruction manual.
- This device must only be used in an ambient temperature range of between 15 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 >50°C or >-20°C.
- Do not use this device in relative humidity higher than 85%.
- Do not expose the thermometer to sunlight or to water.
- Do not use this device outside.
- Never drop the device.
- Should a problem occur with your device, please contact your retailer. Do not attempt to repair this device yourself.
- Please keep the thermometer off the children's touch. Prevent the product from children playing, swallowing and eating.
- The MEDICAL ELECTRICAL EQUIPMENT needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in the EMC DATA.
- TV, portable and mobile RF communication equipmeent nearby the device might affect measurements.
- The measuring result of this product is only for your reference. If you have any doubt, please contact your doctor.
- This device should not lead to automedication or to your medical treatment modification.
- Stop using the device in case of anomaly or disfunctionning

2. PRECAUTION BEFORE USE

THIS DEVICE IS PRE-SET AT THE FACTORY. IT IS NOT NECESSARY TO CALIBRATE IT 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 MyThermo BW-CX10 to acclimatise to this ambient temperature for 15 to 20 minutes before using it. It is important to allow a one minute interval between two measurements.

- The protective glass of the lens is the most fragile part of the thermometer
- Do not touch the infrared lens with your fingers
- Clean the surface of the glass wit ha cotton bud lightly mistened with 70° alcohol
- Do not put the thermometer in contact with an ill skin, with wounds
- Do not drink hot or cold drinks, nor do violent exercises when doing temperature measurement

3. INTRODUCTION

The MyThermo BW-CX10, developed by Visiomed[®], is a revolutionary infra-red medical thermometer without contact, fitted with cutting edge MicroSecond Flash automatic calibration technology[™] using latest infrared technology. This latter allows temporal artery (TA) temperature to be taken at a distance of about 3-5cm away from the forehead.

Precise, instantaneous and without contact, the MyThermo BW-CX10 is totally suitable for a precise temperature measurement without risk. It has been shown that this TA temperature measurement, for newborns, is more precise than tympanic thermometry and better tolerated than rectal thermometry (1).

However, as with other types of thermometer, it is essential to use the MyThermo BW-CX10 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 Non-invasive Temporal Artery Thermometer for Use in Infants. Arch Pediatr Adolesc Med 2001; 155:376.

4. OPERATING PRINCIPLES

All objects, solid, liquid or gas, emit energy by radiation. The intensity of this energy depends on the temperature of the object. The MyThermo BW-CX10 infrared thermometer is therefore able to measure the temperature of a person by the energy the 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 tempe-

rature 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 (armpit) 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. An incorrectly placed probe could lead to a false temperature reading.

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 MyThermo BW-CX10 thermometer 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 measurements methods.

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 adequate information on and training 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: temperature increases by 0.5C° between 6am and 3pm. Women have a temperature that is higher, on average, by around 0.2C°. Their temperature also varies in accordance with their ovarian cycle. It rises by 0.5C° in the second half of the cycle and at the early stages of pregnancy.
- When sitting, temperature is lower by about 0.3° to 0.4°C than when standing.

How to measure a temperature

SEE SCHEMA \Lambda PAGE 2.

Aim at the FOREHEAD, over the right temporal region, from a distance of about 3-5cm, press the thermometer's measurement button and the 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. arm, 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...).
- The thermometer cannot be used as long as the display screen is not switched off.
- Each time there is a significant change in the ambient temperature due to a change in environment, to allow the MyThermo BW-CX10 to acclimatise to this ambient temperature for at least 15 minutes before using it.

5. FUNCTIONS

- 1. Specially designed to take the body temperature of a person regardless of the room temperature.
- 2. Quick and reliable results as it use the HEIMMANN infrared detection system.
- 3. Sound alarm when temperature is exceeded
- 4. Temperature diagnostic : colour indicator for indicating and interpreting the temperature obtained
- 5. Functions
- Measurement range from 30 to 43°C (86 to 109.4°F).
- Hi displays when the result is above 43°C (109.4°F).
- Lo displays when the results is below 30°C (86°F).
- 6. LCD back-lighted digital screen

- 7. Bluetooth connection to follow temperature curve through Bewell Connect Mythermo Application
- 8. Data displayed in Celsius or Fahrenheit
- 9. Automatic stop
- 10. Charging via USB cable
- 11. Small, practical, easy to use

Additional uses:

The MyThermo BW-CX10 can also be used to measure the temperature of a baby-bottle or bath, or room temperature (by using the SURFACE TEMP or ROOM function). This function is in accordance with the Directive 89/336/EEC Electroma-gnetic Compatibility.

6. MYTHERMO BW-CX10

SEE SCHEMA IB PAGE 2.Image: Constraint of the sector of the s

7. BATTERY LOADING

Before using MyThermo for the first time, please load the battery via the USB cable.

INTERNAL BATTERY Battery DC3.7V (lithium battery) Battery can be loaded and used regularly

LOAD INDICATOR

When Mythermo is unloaded, the battery symbol is setting on the screen in order to indicate the level of loading.

You can keep on using MyThermo, it will emit 5 Long "BIPs" in a row and will automatically switch off, when the battery is totally unloaded.

When the battery is totally loaded, automatic switch-off of the electricity avoids overloading and a longer battery life.

Please load again the battery every 6 Months if the device has not been used during a long period of time.

8. MYTHERMO BC-X10 FIRST SETUP

- Connect the USB cable of your device to your computer to load the device. Once the loading is over, you can unplug the cable.

- For the first use, please await 10 Minutes for the device to warm-up.
- Aim the device toward the temporal side of the forehead, as shown in the SCHEMA (A) PAGE 2, at a distance of 3 to 5cm. Press the measurement button of the device. Temperature is displayed instantantaneously.
- Before each measurement, please make sure, your hair and perspiration has been removed from your temporal forehead.
- You can then transfer your measurement in one click by pressing the transfer button, to the Bewellconnect application and draw your temperature diagram.

- Charge the device when shows on the screen.

9. SETTINGS

9.1. CHOOSING THE TEMPERATURE MODE

The MyThermo BW-CX10 is specially designed to measure body temperature without contact, of children or adults. It can be used by consumers in household environment and doctors in clinic as reference. For this, use the BODY mode.

Measurement range for BODY mode: 30°C - 43°C (90°F - 109°F).

Note : You can also use the MyThermo BW-CX10 to measure the temperature of an area or an object, food, a liquid or a room temperature. For this, use the SURFACE TEMP mode.

Measurement range for SURFACE TEMP mode: 0°C - 93.3°C (86°F - 199,9°F).

By selecting the ROOM Mode, it will display the ambient temperature of the room you are in.

Press the MODE button for one second, the screen will display: BODY for the body measurement temperature. Press the MODE button again to switch to SURFACE TEMP or ROOM mode.

Note: The MyThermo BW-CX10 is automatically set to BODY.

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 the BODY mode for an internal temperature reading and the SURFACE TEMP mode or the ROOM mode for an external area reading (bottle, bath, room...).

9.2. CHOOSING THE TEMPERATURE UNIT

Press the °C/°F button to select the temperature unit. The symbol of the chosen temperature unit is displayed (°C for Celsius degrees and °F for Fahrenheit degrees).

9.3. DATA MEMORISATION

It is possible to follow your temperature history directly on your smartphone ! the only thing you have to do is to press the data transfer button, for MyThermo to transfer via Bluetooth ins-

tantaneaously to your Bewell Connect Application. Please read how to install the application by connecting yourself on our website www. Bewell-connect.com/install

9.4 ALARM SETTING - F1

Press on the measurement button to set the device on.

Press the °C/°F button for 3 seconds to show the menu.

F1 appears on the screen. Then alarm threshold is showed.

Alarm threshold is automatically setup on 38°C. In case of higher temperature, MyThermo BW-CX10 will emit a beep.

To change this threshold, briefly press the Mode button to decrease it or on the $^\circ C/^\circ F$ button to increase it.

Then press °C/°F button to show the next menu (F2).

9.5. TOTAL GAP - F2

To adjust the MyThermo BW-CX10 temperature gap :

Press on the button °C/°F during 3 seconds, screen will display F1.

Press again for 3 seconds, it will display F2. Then press briefly on °C/°F in order to increase the gap by $0,1c^{\circ}$ or on Mode to diminish by $0,1C^{\circ}$

Validate your new setting by pressing the $^\circ C/^\circ F$ during over 3 seconds in order to pass to menu F3.

In case of doubt. It is advised to let the original parameter at +0,0°C

For each important ambient temperature change $(+-10^\circ)$, let MyThermo at the ambient temperature during at least 15 Minutes before its use, in order to let the device acclimate and recalibrate.

9.6 ADD OR SUPPRESSION OF THE SOUND BIP F3.

Press on the measurement button to set the device on.

Then press on the button °C/°F during 3 seconds, screen will display F1.

Press again for 3 seconds, it will display F2.

Press again for 3 seconds, it will display F3.

Press the button for $^{\circ}C'^{\circ}F$ or the Mode button. Screen displays 0 when the sound is inactivated and 1 when activated.

9.7 EXIT THE CONFIGURATION MODE.

Press during 3 seconds on button $^{\circ}C/^{\circ}F$ in order to validate the changes in the parmaeters and exit the menu. LCD displays **END** and then switches off.

10. TECHNICAL CHARACTERISTICS & PRECISION

Product Type	Infra-red medical thermometer
Model	MyThermo BW-CX10
Brand	BewellConnect
Classification	Classe Ila
Temperature	sensor IR Sensor
Wavelenght	5-14µm
Emissivity	0.95
Normal condition of use	Room temperature Body mode :15°C à 40°C Surface mode : 15°C à 40°C
Normal condition of storage	Température : From -20°C to 50°C Humidity : 10 % RH ~ 85%RH
Atmospheric pressure	101.325Кра
Humidity rate	10 %RH ~ 85 %RH
Battery	DC3.7V (Lithium battery)
Size	60.7 x 37.4 x 96.3 mm
Weight	117 g
Mesurement display	°C/°F
Measuring range Body mode :	From 30° to 43°C (86.0°F to 109.4°F) Surface mode : From 0° to 93.3°C (32°F to 199.9°F) Room mode : From 0° to 50°C (32°F to 122°F)
Repeatability	≤±0.3°C
Measuring distance	5 to 8 cm
Display resolution	0.1°C
Accuracy	+/- 0.2°C in Body mode (35°C-42°C) +/- 1.0°C in Room mode +/- 0.4°C in Surface mode
Bluetooth Technology	4.0

Consumption	< 50 mW
Voltage	3.6V~4.2V
Current in sleep mode	≤15µA
Current when turned on	≤150mA
Automatic stop	10~20 secondes

LONGEVITY USE: The MyThermo BW-CX10 is guaranteed for 40.000 readings.

11. MYTHERMO BW-CX10 ACCURACY

From 34°C à 35.9°C = +/-0.3°C	
From 36°C à 39°C = +/-0.2°C	ISO 80601-2-56:2009
From 39.1°C à 42.5°C = +/-0.3°C	

MyThermo BW-CX10 can take temperature measurement below 30°C or above 43°C. Outside of these mesurement ranges, accurancy cannot be guaranteed

12. SUPPLIED ACCESSORIES

- User Manual
- Quickstep
- Charging cable

- Base

13. TROUBLESHOOTING

If you have one of the following problems while using your MyThermo BW-CX10, please refer to this breakdown service guide to help resolve the problem. If the problem persists, please contact our customer service at +33 892 350 334.

THE SCREEN DO NOT SHOW ANYTHING :

Check that the device has enough battery screen displays temperature superior to 95°: the temperature is in Fahrenheit. Change

the measurement unit to Celsius.

THE SCREEN DISPLAYS THE BODY TEMPERATURE INFERIOR TO 32°C (89.6°F): TO MEASURE A BODY

temperature, the BODY mode must be selected. If you are on SURFACE TEMP mode, the $32^{\circ}C$ ($89.6^{\circ}F$) temperature displayed is showing the external temperature that your body releases.

THE SCREEN DISPLAYS THE MESSAGE HI: when using the MyThermo BW-CX10, the message HI can show on the screen. The analysis is above the measurement range selected, either superior to 43°C (109.4°F) in BODY Mode or superior to 93.3°C (199.9°F) in SURFACE TEMP Mode.

THE SCREEN DISPLAYS THE MESSAGE LO: when using the MyThermo BW-CX10, the message Lo can show on the screen. The temperature analysed is under the measuring range selected, either less than 32°C (90°F) in BODY Mode or less than 0°C (32°F) in SURFACE TEMP Mode. This message displays in various cases – please find below a list of the main cases:

REASONS FOR LO MESSAGE DISPLAY ADVICE

Lors de l'utilisation du MyThermo BW-CX10, le message Lo peut s'afficher. La température analysée est au-dessous de la plage de mesure du mode sélectionné, soit moins de 32°C en mode BODY, moins de 0°C en mode SURFACE TEMP.

Ce message s'affiche dans différents cas - ci-après une liste des cas principaux :

Causes du Message Lo	Solutions
Temperature reading hampered by hair, perspiration	Make sure that there is no obstruction prior to taking a temperature.
Temperature hampered by an air flux.	Make sure there is no air flux as this could interfere with the infrared system.
Temperature readings too close together, MyThermo did not have the chance to boot itself.	Respect the pause of 15 seconds minimum between two readings – 1 minute pause is advised.
The measuring distance is too far.	Please respect the measuring distance (between 5 and 8 cm – 2 in and 3.14 in).

BLUETOOTH CONNECTION

If you meet trouble with the Bluetooth connection:

- Check that your are in range of the Bluetooth accessory which you are trying to pair with My-Thermo.
- Make sure that your Bluetooth accessory is turned on and fully charged or connected to power.
- Make sure that you are in Body Mode on your MyThermo. You cannot send Surface temp measurement or Room measurement to your Bluetooth accessory.

EMC-DATA

EMC data

Guidance and manufacturer's declaration - electromagnetic immunity - for equipment and system that are not life-supporting. The model BW-CX10 is intended for use in the electromagnetic environment specified below. The customer or the user of the model BW-CX10 should assure that it is used in such an environment.

Immunity test	EN 60601 test level	Compliance level	Electromagnetic environment - guidance
Conducted RF EN 61000-4-6	3 Vrms 150 kHz to 80 MHz	N/A	Portable and mobile RF communications equipment should be used no closer to any part of the Infared Thermometer type BW- CX10, including cables, than the recommended separation dis- tance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance
Radiated RF EN 61000-4-3	3 V/m 80 MHz to 2.5 GHz	3 V/m	$\begin{aligned} d &= [\frac{3.5}{VI}]\sqrt{P} & 150 \text{ MHz to 80 MHz} \\ d &= [\frac{3.5}{E1}]\sqrt{P} & 80 \text{ MHz to 800 MHz} \\ d &= [\frac{7}{E1}]\sqrt{P} & 800 \text{ MHz to 2.5 GHz} \\ \end{aligned}$ $\begin{aligned} Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m). \\ Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range. b Interference may occur in the vicinity of equipment marked with the following symbol: ((w))$

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 Infared Thermometer type BW-CX10 is used exceeds the applicable RF compliance level above, the Infared Thermometer type BW-CX10 should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the Infared Thermometer type BW-CX10.

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

Recommended separation distances between portable and mobile RF communications equipment and the equipment or system - for equipment and systems that are not life-supporting. The model BW-CX10 is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the model BW-CX10 can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the model BW-CX10 as recommended below, acording to the maximum output power of the communications equipment.

Rated maximum output of transmitter	Separation distance according to frequency of transmitter m			
w	$150 \text{ MHz to } 80 \text{ MHz}$ $d = \left[\frac{3.5}{V1}\right] \sqrt{P}$	80 MHz to 800 MHz $d = \left[\frac{3.5}{E1}\right]\sqrt{p}$	800 MHz to 2.5 GHz d = $\left[\frac{7}{V1}\right]\sqrt{p}$	
0.01	-	0.12	0.23	
0.1	-	0.38	0.73	
1	-	1.2	2.3	
10	-	3.8	7.3	
100	-	12	23	

For transmitters rates 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 800MHz, the reparation 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.



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Marché Européen / European Market Visiomed SAS France Service clients / Customers service 8, avenue Kléber 75116 Paris - France Tel: +33 8 92 350 334 Fax: +33 1 44 17 93 10 contact@visiomed-lab.fr

