

Mediblink[®]
medical devices

ENG Mediblink Ear Thermometer M300



ENG INSTRUCTIONS FOR USE

PLEASE READ THE INSTRUCTIONS FOR USE CAREFULLY
BEFORE USING THE PRODUCT

Summary of Important Instructions for Temperature Measurement	4
Introduction	6
Safety Instructions Before Use of the Product	7
Body temperature information	11
Description of Product Components	12
Description of Symbols on LCD Screen	12
Inserting Batteries	13
Switching Between Degrees Celsius and Fahrenheit	16
Advice for Measuring Personal Body Temperature	17
Ear Measurement of Body Temperature	19
Memory	21
Care and Maintenance	22
Certificates and Standards	23
Errors and Troubleshooting	24
Technical Specifications	24
Electromagnetic Resistance to Interference – EMC Tables	25
Warranty Conditions	28

Summary of Important Instructions for Temperature Measurement

These are important 2-page instructions. Please read the instructions thoroughly before use.

1. Study results show that the ear is ideal for measuring body temperature, since the hypothalamus (brain part regulating body temperature) and the eardrum are supplied by the same blood vessels. Therefore, changes in body temperature can be detected more quickly and accurately in the ear than in other parts of the body.
2. Wait a little before starting to measure, if the thermometer has been stored at a location where the temperature is considerably different from the place of measurement.
3. The thermometer and persons whose body temperature you are measuring should be in the same room for at least 30 minutes.
4. Do not take body temperature measurements immediately after a shower, a bath, or after arriving from the outside. You must wait at least 30 minutes.
5. **Earwax can cause inaccurate measurement results, so clean the ears before performing any measurements. After that, wait for approx. 5–10 minutes before measuring the temperature. The ear canal must be dry.**
6. **The infrared sensor on the thermometer must be clean and dry. Read more about cleaning in chapter “Care and Maintenance”.**
7. Always measure the temperature in the same ear, as it can differ between both ears.
8. Do not perform measurements in your ear if you have an earache, ear injury, or if there is water in your ear, e.g. after showering or swimming.
9. **There are no prescribed standard values for personal physical temperature. Measure your body temperature when you are healthy and do not have a fever. This measured value is to serve you as a reference value to compare your body temperature to when you have a fever. Read more about body temperature in chapter “Body Temperature Information”.**

Summary of Important Instructions for Temperature Measurement

10. If you are using ear drops or any other medicine in one ear, you should measure the temperature in the other ear.
11. If you have been lying on one ear for a longer period of time, the temperature in this ear will be slightly higher. Wait for at least 20 minutes before performing the measurement.
12. The thermometer can be used for individuals at 6 months of age or older. Babies younger than 6 months still have a very narrow ear canal. Therefore, measuring the temperature in the eardrum may be impossible and, as a result, the results will not be accurate.
13. Do not perform any other activities while measuring the temperature – be still.
14. It is recommended that the user performs 3 consecutive temperature measurements. If the measurements differ from each other, consider the average value.
15. **Perform individual measurements at one-minute intervals, as minor deviations may occur with multiple consecutive measurements.**
16. **There are no prescribed standard values for personal physical temperature. Measure your body temperature when you are healthy and do not have a fever. This measured value is to serve you as a reference value to compare your body temperature to when you have a fever. Read more about body temperature in chapter “Body temperature information”.**
17. **The ear temperature measured using infrared technology is not comparable to the forehead, mouth, armpit, or rectal temperature.**
18. The temperature measured during sleep is not comparable to the temperature measured when you are awake, as the temperature is usually lower during sleep.

Introduction

Using infrared technology, the thermometer measures the temperature in approximately one second. The product complies with the EC provisions and MDD Directive (93/42/EEC).

The product features are:

1. Intended use: for clinical, hospital, or home measurement of body temperature.
2. Illuminated LCD screen.
3. 10 memory locations.
4. Easy to switch between °C and °F.
5. Economical; nasal nozzles not required for use.
6. The waterproof thermometer tip enables easier maintenance of the thermometer.
7. Temperature measurement in just 1 second. The unique technology allows immediate and accurate measurement.
8. Automatic shutdown for battery saving.
9. Empty battery indicator.
10. Large LCD screen.

Safety Instructions Before Use of the Product

Make sure to follow all of the instructions below when using the product. Any failure to follow the instructions may result in injury or affect the accuracy of the measurement.



Warning! Potential risks for children and people with reduced physical, sensory, or mental abilities!

1. This thermometer is not intended to be used by persons (including children) with limited physical, sensory or mental abilities, or lack of experience and/or knowledge, unless they are supervised by a person responsible for their safety, or they have received instructions from such person on how to use the thermometer.
2. Keep the thermometer out of the reach of children under 18 years of age.
3. Supervise your children all the time so they don't play with the thermometer.
4. Children are not allowed to handle the thermometer. They could swallow small particles or batteries and suffocate. Children could suffer injuries if they use the thermometer.



Warning! Risk of personal injury!

1. Improper handling of the thermometer may cause injuries.
2. Do not use the thermometer in case of malfunction. Do not attempt to modify, disassemble or repair the thermometer, and do not replace its parts.
3. If abnormalities occur during the use of the thermometer, stop the use immediately and consult your physician.
4. Do not perform any other activities while measuring the temperature.
5. If you have any doubts regarding the use of the thermometer, please consult your physician.
6. These instructions for use must be stored for the duration of the product life cycle and handed over to a third party along with the thermometer. The instructions for use should also be accessible to third parties. The instructions for use are an integral part of the thermometer.

Safety Instructions Before Use of the Product

7. Avoid improper use.
8. This thermometer cannot replace a consultation with a physician, or medical treatment! The measurement results are for comparison purposes only. In the event of a medical problem, you should see your physician.
9. The infrared sensor should stay clean and dry. Avoid damaging it. This is the only way to achieve accurate measurement results.
10. Do not touch the infrared sensor or blow in it. If the infrared sensor is dirty, the results of the measurement could be inaccurate.
11. Do not use the thermometer if it is damaged. If you use a damaged device, you can suffer injuries, cause serious danger, or incorrect measurement results.
12. Wait a little before starting to measure, if the thermometer has been stored at a location where the temperature is considerably different from the place of measurement. The thermometer and persons whose body temperature you are measuring should be in the same room for at least 30 minutes.
13. Do not take the body temperature measurements immediately after a shower, a bath, or after arriving from the outside. You must wait at least 30 minutes.
14. It is recommended that the user performs 3 consecutive temperature measurements. If the measurements differ from each other, consider the average value.
15. Perform individual measurements at one-minute intervals, as minor deviations may occur with multiple consecutive measurements.
16. Do not perform measurements in your ear if you have an earache, or if there is water in your ear, e.g. after showering or swimming.
17. Earwax can cause inaccurate measurement results. Clean the ears before performing any measurements. After that, wait for approx. 5–10 minutes before measuring the temperature.

Safety Instructions Before Use of the Product

18. Always measure the temperature in the same ear, as it can differ between both ears.
19. If you are using ear drops or any other medicine in one ear, you should measure the temperature in the other ear.
20. In case of ear temperature measurement for a person using a hearing aid or ear plugs, it is recommended that you wait approx. 30 minutes after removing the aid/plugs before measuring the temperature.
21. Repeat the measurement approx. every 15 minutes if the measurement results are unusually low or do not correspond to personal well-being. In this case, perform a comparative mouth or rectal measurement with a conventional thermometer. If you have any doubts, please consult your physician.
22. There are no prescribed standard values for personal physical temperature. Measure your body temperature when you are healthy and do not have a fever. This measured value is to serve you as a reference value to compare your body temperature to when you have a fever.
23. The measured temperature only represents a reference value. Please consult your physician before taking any measures based on the temperature measurement result displayed.



Warning! Risk of injury! Improper handling of the thermometer may cause injuries.

1. Do not drop the thermometer on the floor, shake it, or expose it to impacts.
2. To ensure accurate measurement results, protect the infrared thermometer sensor in particular from moisture, dirt, and damage.
3. Do not expose the thermometer to direct sunlight or to extremely high or low temperatures. The thermometer should be used and stored only in a dry and clean environment.

Safety Instructions Before Use of the Product

4. If there is an interference or damage, do not open the thermometer or try to fix it yourself. Doing so would void the warranty claim. Only authorised persons are allowed to repair the thermometer.
5. Do not store the thermometer in a place with extreme temperatures (below -20°C or over 50°C), or in an extremely dry or moist place, as this could cause inaccurate measurement results.
6. Do not use the thermometer in a wet environment. While using the thermometer, keep it away from liquids and never immerse it in liquid.
7. Do not place the thermometer near flammable materials and gases or near explosives.
8. While operating, the thermometer may interfere with other electrical devices, and other electrical devices may interfere with its operation. Therefore, it should not be used near other electrical devices.
9. Do not use a mobile phone near the thermometer while you are measuring temperature. Note that portable and mobile high-frequency communication devices (e.g. mobile phones) may affect the operation of medical electrical devices.
10. Do not use the thermometer at a distance of less than 1.5 metres from a shortwave or microwave device, or from a high-frequency surgical apparatus.
11. Do not use the thermometer in the mountains at an altitude of more than 3000 metres.
12. Medical electrical devices are subject to specific safety regulations regarding electromagnetic compatibility. Therefore, you must comply with these rules when installing and using the thermometer.
13. The thermometer shall only be used for the purpose indicated in these instructions for use.

Body temperature information

Body temperature is the internal body temperature (core temperature). It fluctuates during the day: it is lowest in the morning and highest in the late evening. Normal body temperature is not a definitive value but a range.

Age	Normal body temperature in °C	Normal body temperature in °F
0–2 years	36.4–38.0°C	97.5–100.4°F
3–10 years	36.1–37.8°C	97.0–100°F
11–65 years	35.9–37.6°C	96.6–99.7°F
over 65 years	35.8–37.5°C	96.4–99.5°F

The normal body temperature range is different from one person to another, and determined by several factors: age, gender, time of day, location and method of temperature measurement, level of activity, well-being, drug effects, etc.

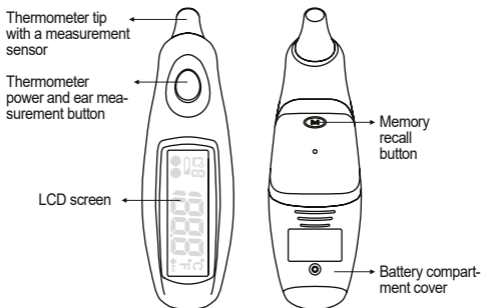
Most people have the lowest body temperature while sleeping; however, the temperature rises during the day. Babies and children have a higher body temperature than adults. As you get older, your body temperature drops. Fluctuations in body temperature are generally higher in children, and occur more quickly and frequently.

Measurements in different parts of the human body give different results: the temperature measured in the rectum is usually by 0.3°C higher than the temperature measured in the mouth. The temperature measured in the mouth is approx. by 0.3°C higher than the temperature measured under the armpit. To determine your body temperature, we recommend that you measure your temperature when you are healthy, at different times of the day, three or four days in a row. This allows you to determine your normal body temperature and record it so you can compare the measured temperature to your normal values when needed.

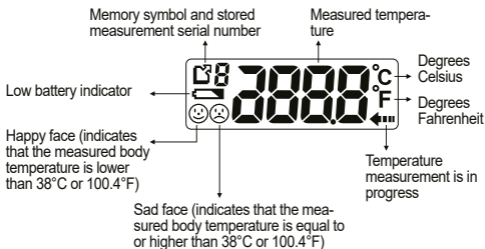
Ear Measurement of Body Temperature

Study results show that the ear is ideal for measuring body temperature, since the hypothalamus (brain part regulating body temperature) and the eardrum are supplied by the same blood vessels. Therefore, changes in body temperature can be detected more quickly and accurately in the ear than in other parts of the body.

Description of Product Components



Description of Symbols on LCD Screen



Inserting Batteries

Warning! Risk of explosion!

Improper handling of batteries may result in explosion.

1. Only replace batteries with equal batteries or batteries of an equivalent type.
2. Do not expose batteries to excessive heat such as the sun or fire.
3. Do not charge, re-activate, disassemble, or throw the batteries into fire, or cause a short-circuit.

Warning! Risk of personal injury!

Improper handling of batteries may result in injuries.

1. Keep the batteries out of reach of children.
2. Swallowing the batteries can be life-threatening. Therefore, store the batteries out of reach and sight of children. If a battery is swallowed, seek medical advice immediately.
3. If battery fluid leaks, avoid contact with skin, eyes, and mucous membranes. In case of contact with acid, wash the affected area immediately with plenty of clean water and immediately see your physician.


Warning! Risk of injury!

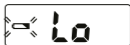
Improper handling of batteries may result in injuries.

1. When inserting the battery, make sure that the terminals are properly oriented.
2. Only insert batteries of the same type in the battery compartment. Do not use batteries of different types or used and new batteries together.
3. If the batteries are empty or if the thermometer will not be used for a longer period, remove the batteries from the battery compartment.

Inserting Batteries

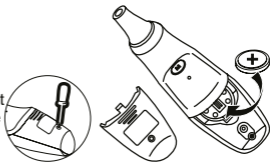
Low battery warning

Before the batteries are completely empty, the “” symbol appears on the screen. You can still use the thermometer while this symbol is displayed, but we recommend that you replace the batteries as soon as possible. If the batteries are completely empty, the “Lo” symbol will appear on the screen next to the empty battery symbol. In this case, you must change the batteries before using the device again. If batteries are empty or changed, all memory entries will be deleted!



Changing the batteries

1. Use a Phillips screwdriver to unscrew the screw on the back of the battery compartment cover and remove the cover.
2. Carefully remove the old battery.
3. Insert a lithium-ion 3V CR2032 battery into the battery compartment. When inserting the battery, make sure that the battery terminals are properly oriented (the + and – terminal marks on the battery and the bottom of the battery compartment must match). Do not use rechargeable batteries!
4. Put the battery compartment cover back in place and use the Phillips screwdriver to tighten the screw.



Inserting Batteries

Disposal

Disposal of packaging



For disposal, separate the packaging by the type of material. For disposal, handle paperboard and cardboard as waste paper, and the foil as secondary raw materials.

Disposal of waste product

(Applicable to the European Union and other European countries with systems for separate collection of secondary raw materials.)

Waste devices may not be disposed together with household waste!



When the thermometer is no longer functioning, the consumer is **legally required to dispose of the old product separately from household waste**, e.g. at the collection point of their municipality/area where they reside. This will ensure that the old devices are professionally recycled and that negative environmental impacts are prevented. Therefore, electrical devices are marked with the symbol shown here.

Put the thermometer in waste electrical and electronic equipment in accordance with EC Directive 2012/19/EU.

Batteries and rechargeable batteries may not be disposed together with household waste!

As a consumer, you are required by law to dispose of all batteries and rechargeable batteries, whether or not they contain harmful substances*, at a collection point in your municipality/area or at a store, in an environmentally friendly manner.



* with the following elements: Cd = cadmium; Hg = mercury; Pb = lead

Switching Between Degrees Fahrenheit and Celsius

The thermometer can display results in both degrees Celsius ($^{\circ}\text{C}$) and Fahrenheit ($^{\circ}\text{F}$). To switch between degrees Celsius and Fahrenheit, make sure the device is turned on, press and hold the Thermometer power/Temperature measurement button, and right after that, press the Memory button to change between $^{\circ}\text{C}$ and $^{\circ}\text{F}$. Make sure to keep holding the Thermometer power/Temperature measurement button while pressing the Memory button.



Advice for Measuring Personal Body Temperature

1. Wait a little before starting to measure, if the thermometer has been stored at a location where the temperature is considerably different from the place of measurement.
2. The thermometer and persons whose body temperature you are measuring should be in the same room for at least 30 minutes.
3. Do not take body temperature measurements immediately after a shower, a bath, or after arriving from the outside. You must wait at least 30 minutes.
4. Earwax can cause inaccurate measurement results. Clean the ear before performing any measurements. After that, wait for approx. 5–10 minutes before measuring the temperature. The ear canal must be dry.
5. The infrared sensor on the thermometer must be clean and dry. Read more about cleaning in chapter “Care and Maintenance”.
6. Always measure the temperature in the same ear, as it can differ between both ears.
7. Do not perform measurements in your ear if you have an earache, ear injury, or if there is water in your ear, e.g. after showering or swimming.
8. If you are using ear drops or any other medicine in one ear, you should measure the temperature in the other ear.
9. If you have been lying on one ear for a longer period of time, the temperature in this ear will be slightly higher. Wait for at least 20 minutes before performing the measurement.
10. In case of ear temperature measurement for a person using a hearing aid or ear plugs, it is recommended that you wait approx. 30 minutes after removing the aid/plugs before measuring the temperature.
11. The thermometer can be used for individuals at 6 months of age or older. Babies younger than 6 months still have a very narrow ear canal. Therefore, measuring the temperature in the eardrum may be impossible and, as a result, the results will not be accurate.

Advice for Measuring Personal Body Temperature

12. It is not allowed to use the same thermometer for multiple persons in the case of specific acute infectious diseases due to the possibility of bacteria or virus spread, despite cleaning and disinfection. If you have any doubts about using the thermometer, please consult your physician.
13. The thermometer can only be used without disposable attachments.
14. Do not perform any other activities while measuring the temperature.
15. It is recommended that the user performs 3 consecutive temperature measurements. If the measurements differ from each other, consider the average value.
16. **Perform individual measurements at one-minute intervals, as minor deviations may occur with multiple consecutive measurements.**
17. There are no prescribed standard values for personal physical temperature. Measure your body temperature when you are healthy and do not have a fever. This measured value is to serve you as a reference value to compare your body temperature to when you have a fever. Read more about body temperature in chapter "Body Temperature Information".
18. **The ear temperature measured using infrared technology is not comparable to the forehead, mouth, armpit, or rectal temperature.**
19. The temperature measured during sleep is not comparable to the temperature measured when you are awake, as the temperature is usually lower during sleep.

Ear Measurement of Body Temperature

1. By pressing the “Thermometer power button”, the thermometer is switched on. As soon as the device is switched on, the machine will automatically perform a self-test. All symbols will be displayed on the screen. When the thermometer is ready for use, you will hear two short beeps.
2. Make sure that the “measurement sensor” on the thermometer, and the ear canal are clean. Because the ear canal is slightly twisted, you should pull the ear slightly back and up (for persons over one year of age) before inserting the tip of the thermometer into the ear canal, or just back (for persons up to one year of age). This way, the “measurement sensor” is pointing directly to the eardrum.
3. Slowly and carefully insert the measuring tip with the infrared sensor into the external ear canal. Make sure that the measuring tip is inserted deep enough in the ear canal to ensure accurate measurements.
4. Hold the thermometer so that the measuring tip is pointing directly to the eardrum in the inner ear. Always measure the temperature the same way and in the same ear, as it can differ between both ears.
5. Hold the thermometer steadily, and press and hold the “Ear measurement” button for 1 second.



6. Release the “Ear measurement” button. In approximately one second, the thermometer will beep briefly, the LCD screen will become illuminated, and the measurement will be complete. The screen will remain illuminated for 5 seconds after the measurement is complete, or 5 seconds after a memory is recalled.

Ear Measurement of Body Temperature

- Carefully remove the thermometer tip from the external ear canal and read the measured temperature from the LCD screen.
- After approximately 1 minute, the thermometer will turn off automatically. Before that, you will hear a short beep.



- Perform individual measurements at one-minute intervals, as minor deviations may occur with multiple consecutive measurements.
- Clean the sensor after each use.

Fever warning:

If the measured temperature is below 38°C, the “😊” symbol will also appear on the screen next to the temperature.



If the measured temperature is above 38°C, the “😞” symbol will appear on the screen.



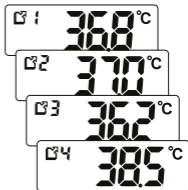
Memory

You can view up to 10 saved measurements to show to your GP.

1. When the device is switched off, press the "Memory recall" button. Press the same button again to recall the last saved measurement marked with the "M0" symbol.



2. By further pressing the "Memory recall" button, you can recall all saved measurements from "M1" to "M9".

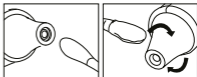


3. Once you use up all 10 memory locations, every new measurement will overwrite the oldest saved measurement.

Care and Maintenance

• Thermometer tip and measurement sensor

For accurate measurement results, it is very important that the infrared thermometer sensor is clean and has no scratches.



Before each measurement, check the infrared sensor and, if necessary, gently clean it with a cotton swab dipped in rubbing alcohol, and dry it with a clean, dry cotton swab. **Do not rinse the measuring sensor with water!**

• Thermometer

Use a dry, soft cloth for cleaning the housing. After cleaning the thermometer, store it in a clean, dry place at room temperature. Never expose the thermometer to extreme temperatures, humidity, direct sunlight, or shaking! **Do not rinse the thermometer with water!**



Warning! Risk of short circuit!

If water enters the housing of the product, a short circuit may occur.

1. Never immerse the thermometer in the water.
2. Make sure that water does not enter the housing.



Warning! Risk of injury!

Improper handling of the thermometer may cause injuries.

1. Do not use aggressive cleaning agents, brushes with metal or nylon bristles, or sharp or metallic cleaning items such as knives, hard spatulas, or anything similar. They can damage the surface of the device.
2. Never clean the thermometer with a polishing agent, gasoline, or solvent.

Certificates and Standards

The product is in accordance with EC MDD Directive (93/42/EEC). The following standards apply to the product manufacture or product design:




- **ASTM E1965-98**








Specification for Infrared Thermometers for Intermittent Determination of Patient Temperature.

- **ISO 14971**

Medical devices — Application of risk management to medical devices. Classification in accordance with IEC/EN 60601-1, clause 5:

- Internal power supply device
- IPX0
- The device is not suitable for use with a mixture of flammable anesthetic and air, oxygen, or laughing gas.




	Warning!
	Before use, read the instructions for use
	Electronic instructions for use: http://www.mediblink.com/ffm300.pdf
REF	Product reference number
MD	Class IIa medical device
LOT	LOT number*

	Serial number
	Number of products in one packaging
	Thermometer certified in accordance with EU Directive 93/42/EEC
	The symbol provides useful additional information on the assembly or use
	Protection against electric shock in accordance with BF (Body Float) type. BF type device with a high degree of protection against electric shock to the body, but not directly to the heart.
	Upon the cessation of the life cycle of the device, dispose of the device in accordance with the local law
	Manufacturer name and address
EC REP	EU Representative
IP 22	The device is rated IP 22, which means it is protected against water and dust particles entering the device

*Date of production: the first two digits of the LOT number represent the month of production, and the second two digits represent the year of production. Example: LOT 10/19 = October 2019.

Errors and Troubleshooting

When an error or an incorrect measurement result occurs, the thermometer will warn you by displaying the error as described in the table below.

LCD screen	Problem	Solution
	The measured temperature is lower than 34°C or 93.2°F	Use the thermometer only to measure the temperature within the prescribed ranges.
	The measured temperature is higher than 43°C or 109.4°F	
	The thermometer is not working because the temperature in the room where the thermometer is located is not within the prescribed range between 16°C and 35°C (60.8°F and 95.0°F).	Use the thermometer only within prescribed working conditions.

Technical Specifications

- **Mediblink Ear Thermometer M300**, model TS29
- **Measurement method:** infrared measuring
- **Measurement duration:** approx. 1 second
- **Screen display:** LCD screen with blue illumination, display of °C (degrees Celsius) or °F (degrees Fahrenheit)
- **Temperature display resolution:** 0.1°C/°F
- **Memory function:** It is possible to save the last 10 temperature readings
- **Energy saving function:** The thermometer is automatically switched off after approximately 1 minute
- **Body temperature**
Measuring range: 34°C~43°C (93.2°F~109.4°F)
Measurement accuracy: 35.5°C~42°C (95.9°F~107.6°F): ±0.2°C (0.4°F); other ranges ±0.3°C (0.5°F)
- **Conditions for use:** 16°C~35°C (60.8°F~95°F), with a relative humidity of up to 85% (not liquefied)
- **Storage and transport conditions:** -25°C~+55°C (-13°F~+131°F)
- **Electric power supply:** 1×3V CR2032 Lithium-ion battery
- **Weight:** approximately 49g (including batteries)
- **Dimensions:** (L×W×H): approx. 112.8×34.4×44.5mm

EMC tables

Guidance and manufacturer's declaration-electromagnetic emission

The **TS29 IR Thermometer** is intended for use in the electromagnetic environment specified below. The customer or the user of the **TS29 IR Thermometer** should assure that it is used in such an environment.

Emissions test	Compliance	Electromagnetic environment guidance
RF emissions	CISPR 11	Group 1 The TS29 IR 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 TS29 IR 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	

Guidance and manufacturer's declaration-electromagnetic immunity


The **TS29 IR Thermometer** is intended for use in the electromagnetic environment specified below. The customer or the user of the **TS29 IR Thermometer** should assure that it is used in such an environment.

Immunity 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 %.
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.

EMC tables

Guidance and manufacturer's declaration-electromagnetic immunity

The **TS29 IR Thermometer** is intended for use in the electromagnetic environment specified below. The customer or the user of the **TS29 IR Thermometer** should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment-guidance
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2,5 GHz	3 V/m	<p>Portable and mobile RF communications equipment should be used no closer to any part of the TS29 IR Thermometer, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended separation distance</p> $d = 1.2 \sqrt{P}$ $d = 1.2 \sqrt{P} \text{ 80 MHz to 800 MHz}$ $d = 2.3 \sqrt{P} \text{ 800 MHz to 2,5 GHz}$ <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-a, should be less than the compliance level in each frequency range-b.</p> <p>Interference may occur in the vicinity of equipment marked with the following symbol: </p>

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 TS29 IR Thermometer is used exceeds the applicable RF compliance level above, the TS29 IR Thermometer should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the TS29 IR Thermometer.
- b. Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

EMC tables

Recommended separation distances between portable and mobile RF communications equipment and the TS29 IR Thermometer

The TS29 IR Thermometer Monitor is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the TS29 IR Thermometer can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the TS29 IR 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 $d = 1.2 \sqrt{P}$
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 metres (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.

Warranty

Product: Mediblink Ear Thermometer M300

Manufacturer: AVITA (Wujiang) CO., LTD, No.858. JiaoTong Road, Wujiang Economic Development Zone, JiangSu, P.R.C.

Sellers name, address, signature and stamp:

Date of extradition/sales:

WARRANTY TERMS

Dear customers!

The warranty period is 5 years and starts from the day of product purchase. The warranty is valid only for products purchased in [COUNTRY]. In case of product claim, you have to show the invoice. We kindly ask you to save the invoice!

Unfortunately, wrong handling with the device is a reason for 95% of customer complains. You can easily avoid any problem, by getting useful information provided by our special service department. To reach our service department, you can call us on [PHONE NO.] or send us an e-mail on [EMAIL].

Before sending the product back to retailer, we kindly ask you to call our service department, to get help about how to use the device to save you with unneeded trips.

The manufacturer guarantees free elimination of all imperfections due to defects in material or manufacturing procedure by repairing or replacing the product. In case that the product can not be repaired or replaced, the customer will get the money refund. The guarantee is not valid in case of the force majeure, accidents or unexpected events (such as lightning, water, fire etc.), incorrect use or incorrect transport, non-compliance with safety and maintaining regulations or in case of unprofessional product intervention.

Traces of every day product usage (scratches, abrasions) and not subject to claim. The warranty does not eliminate the customer rights, which originate from seller responsibility for product flaws. By accepting the claimed product by the service department, the service department does not take responsibility for loss of saved data or settings on the product. All product repairs, which are performed out of product warranty period, have to be paid by customer by prior notice.

The manufacturer guarantees the product quality and flawless product operation in the warranty period, which starts with the day of product purchase. If the product can not be repaired in 45 days, the product will be replaced with a new one. In case that the product can not be replaced, the money will be refunded to the customer.

In case of product claim, call us on [PHONE NO.] or send us an e-mail on [EMAIL].



Manufacturer:
 AVITA (Wujiang) CO., LTD
 No.858. JiaoTong Road
 Wujiang Economic Development Zone
 JiangSu, P.R.C.



Wellkang Ltd.
 Suite B, 29 Harley Street
 LONDON W1G 9QR
 England, United Kingdom

**Manufactured for
 (EU importer):**
 Mediblink d.o.o.
 Gubčeva cesta 19
 8210 Trebnje
 Slovenia
info@mediblink.com
www.mediblink.com

Exclusive representative for Slovenia:
 Prolat d.o.o.
 Praproče 9
 8210 Trebnje - SLO
 Tel: +386(0)30-44-555
info@prolat.si
 Service and claims: servis@prolat.si
www.prolat.si

Instructions for use, version No:
 72-T29MN-PO11
 M300-24042017-2
Issue date:
 24/04/2017
Date of last change:
 25/06/2019

Mediblink d.o.o.
Gubčeva cesta 19
8210 Trebnje
Slovenia
www.mediblink.com

CE
0197