

INFRARED

Thermometer



USE INSTRUCTIONS

TMP102EC / PC828

Please read this manual before use

Thank you for choosing the FLTR TMP102EC Infrared Thermometer.

TMP102EC(PC828) can be used to measure human body temperature by detecting infrared energy emitted from the forehead. In order to obtain accurate readings, please read this manual before use. Keep this manual so that you may read it whenever necessary.

- For correct use, please read the Use Instructions before use
- Pay special attention to the Safety Precautions section
- Please retain these Use Instructions to refer to as needed



NOT FOR USE ON CHILDREN UNDER 2 YEARS OF AGE.

Packing List

Infrared Thermometer	1 pc
Soft Carrying Bag	1 pc
Use Instructions	1 pc

Product description

Overview

The TMP102EC Infrared Thermometer measures body temperature by detecting infrared energy emitted from the forehead. You can quickly obtain measurement results after properly positioning the temperature probe 1.2 – 2.0 inches (3.05-5.08 cm) away from the forehead.

Normal body temperatures have a range. The following table shows that this range also varies when measuring temperature at different locations on the body. Therefore, readings from different body locations should not be directly compared. It is very important to tell your doctor which type of thermometer you used (infrared) and which part of the body you measured.

Measuring Site	Normal Temperature Range
Forehead	97.0 – 99.5°F (36.1 – 37.5°C)
Ear	96.4 – 100.4°F (35.8 – 38.0°C)
Mouth	95.9 – 99.5°F (35.5 – 37.5°C)
Anus	97.9 – 100.4°F (36.6 – 38.0°C)
Armpit	94.5 – 99.1°F (34.7 – 37.3°C)

Intended use

This thermometer is primarily intended for non-contact measurement of a human's temperature at home or in a healthcare environment. It can be used on children, and adults. For safety, an adult should measure the temperature of children.

How it Works

The infrared temperature sensor measures infrared energy emitted by the skin of the forehead. After being focused by a lens, the infrared energy is converted into a temperature reading for easy viewing.



Features

- **No-Contact, One Second Instant Readings**
Take your body temperature instantly from 1.2 – 2.0 inches (3.05-5.08 cm)
- **Medical Grade Precision**
Certified accuracy to within +/- 0.4°F (0.22°C)
- **Tri-Color Temperature Alerts**
Instantly see if temperature is normal, elevated, or high
- **Track an Individual's Temperature Over Time**
32 memory slots store previous temperature taken
- **Easily switch between Fahrenheit and Celsius readouts**
- **Auto-shutoff conserves battery life**

Product Overview



Fig. 2



Fig. 3

1. Top cover
2. Digital display
3. Buzzer (emits audible alerts)
4. Infrared temperature sensor
5. Measurement trigger (power/measure/settings)
6. Battery compartment (2 x AAA batteries, included)

Digital Display Details

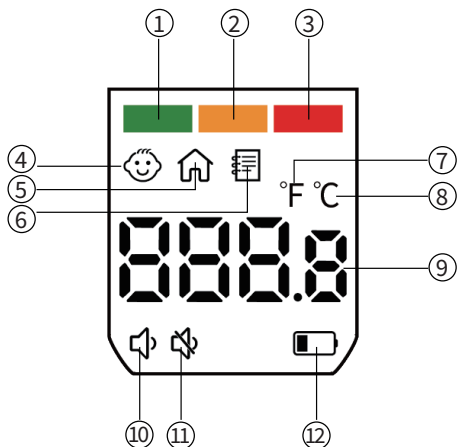


Fig. 4

1. Green (normal) temperature indicator
2. Orange (elevated) temperature indicator
3. Red (high) temperature indicator
4. Body temperature mode
5. Room temperature mode
6. Current temperature memory location readout
7. Fahrenheit (F) readout indicator
8. Celsius (C) readout indicator
9. Temperature readout
10. Sound ON indicator
11. Sound OFF indicator
12. Low battery indicator

Warnings and Precautions

1. Not for use on children under 2 years of age.
2. Keep out of reach of children under 12 years of age.
3. Never immerse the thermometer in water or other liquid (it is not waterproof). For cleaning and disinfection, please follow the instructions in the “Cleaning and Disinfection” section of these use instructions.
4. Never use the thermometer for purposes other than its intended use. Please follow the general safety precautions when using the thermometer on children.
5. Keep the thermometer out of direct sunlight in a dry, dust-free, well-ventilated area at a temperature between 50.0 – 104.0°F (10.0 – 40.0°C). Do not use the thermometer in a high humidity environment (> 85% RH).
6. Do not use the thermometer if there are signs of damage on the Infrared Temperature Sensor or elsewhere on the instrument! Please contact the manufacturer.
7. This thermometer consists of high precision parts. Do not drop or twist the instrument. Protect it from severe impact and shock.
8. Please consult your doctor if you see such symptoms as unexplained irritability, vomiting, diarrhea, dehydration, changes in appetite or activity, seizure, muscle pain, shivering, stiff neck, pain when urinating, etc., even in the absence of fever.
9. Those who exhibit a normal temperature may still need to receive medical attention. When determining the severity of illness of people on antibiotics, analgesics or antipyretics, temperature reading should not solely be relied upon.
10. Temperature elevation may signal a serious illness, especially in adults who are elderly, frail, or have a weakened immune system, or neonates and infants. Please seek professional advice immediately when there is a temperature elevation in a person who meets any of the following criteria:

- Over 60 years of age (fever may be dulled or even absent in elderly patients).
 - Diagnosed with diabetes mellitus or a weakened immune system (e.g. HIV positive, cancer, chemotherapy, chronic steroid treatment, splenectomy).
 - Bedridden (e.g. nursing home patient, stroke, chronic illness).
 - A transplant patient (e.g. liver, heart, lung, kidney).
11. This thermometer is not intended for use on children under 2 years of age. It is not intended to measure hypothermic temperatures. Do not allow children to take their temperature unattended.
 12. Use of this thermometer is not intended as a substitute for consultation with your physician or pediatrician. It is for household use only.
 13. Do not use the thermometer for continuous temperature monitoring purposes.
 14. Do not take a measurement while or immediately after nursing a baby.
 15. Patients should not drink, eat, bathe or engage in physical activity for 30 minutes before using the thermometer. After eating, some organs have to work, such as the stomach, intestinal tract, etc., generating extra heat which affects temperature accuracy.



NOT FOR USE ON CHILDREN UNDER 2 YEARS OF AGE.

Directions for Use

Please load the batteries (included) before using the thermometer. Take the batteries out if you will not use the thermometer for a long time, such as more than one month.

Additionally, this thermometer has a one-button design (Measurement Trigger) that serves three purposes, depending on use (Power, Measure, Settings).

Take your forehead temperature

Press the **Measurement Trigger** to power on the thermometer.

Aim the Infrared Temperature Sensor at the middle of a person's forehead from 1.2 – 2.0 inches (3.05-5.08 cm) away, then press and release the Measurement Trigger. About 1 second later, you will hear a beep and can instantly see the temperature measured on the digital display. In Body Mode, the symbol ☺ will be displayed on the screen.

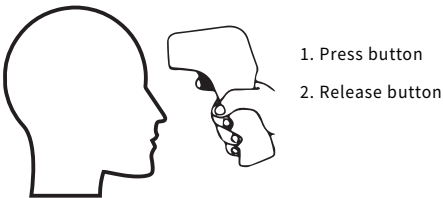



Fig. 5

Note: Forehead temperature measurement reading is an indicative reading. Measured forehead temperature can fluctuate up 1°F (0.5°C) from your actual body temperature. Please be aware of the factors that influence accuracy as described in the Temperature Taking Tips and Warnings and Precautions sections of these use instructions.

- ⚠ In order to improve accuracy, please make sure that your forehead is free from hair, sweat, or dirt.
- ⚠ Make sure the Infrared Measurement Sensor is clean before using the thermometer.
- ⚠ Ensure that both the user and thermometer remain in the same room with a stable airflow and a room temperature between 50.0 – 104.0°F (10.0 – 40.0°C) for at least 30 minutes before using this thermometer.

Take a room temperature

Press the **Measurement Trigger** to power on the thermometer.

The thermometer will enter a self-check procedure. The three status lights will be lit in green, orange, and red order. When the red light is on, hold down the Measurement Trigger until the thermometer completes the self-check and you see the Room Mode icon  lit on the digital display. Press and release the Measurement Trigger. About 1 second later, you will hear a beep and the room temperature reading will be displayed on the screen.

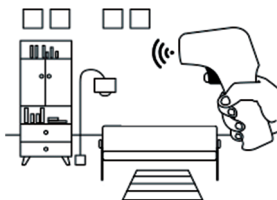



Fig. 6

- ⚠ Please note that room temperature is for reference only.
- ⚠ Please do not align the thermometer with a heat or cold source, such as air conditioners, heaters, lights, etc. Otherwise, the measured temperature may not be accurate.


Recall Saved Readings

The TMP102EC Infrared Thermometer can store 32 sets of measurements. When the data is full, the last reading will always replace the first. If you want to review previous measurements (to track an individual's temperature over time) when the thermometer is off, hold the Measurement Trigger for 3 seconds until you see the  symbol on the digital display, then release the Measurement Trigger.


When you press the Measurement Trigger again, you will see the number “1” appear on the screen, indicating the first saved reading. The number “1” will quickly disappear and first saved temperature reading will appear. By pressing the Measurement trigger, you can cycle through all of the saved temperature readings one by one. After reviewing the saved readings, hold the Measurement Trigger for 5 seconds to turn off the thermometer.

Fahrenheit (F) and Celsius (C) Conversion

If you want to change temperature readings from Fahrenheit (F) to Celsius (C) or the inverse, make sure the thermometer is off and hold the Measurement Trigger for 6 second until you see “°F” symbol on the digital display then release the Measurement Trigger. Press the trigger again to switch between Fahrenheit and Celsius.


Do not release the trigger when the  symbol appears. Only release the trigger when you see the “°F” or “°C” symbol appears. After finishing conversion, hold the trigger for 5 seconds to save the setting and turn the thermometer off.

Turn Sound On/Off

The TMP102EC uses a buzzer to “beep” for various functions. To turn off sound, ensure the thermometer is off. Then, hold the Measurement Trigger for 9 seconds until you see the  symbol appear on the digital display then release the trigger. Press the Measurement Trigger again to selected between ON and OFF. After your selection, hold the trigger for 5 seconds to save the setting and turn the thermometer off.

Set Threshold for Elevated Temperature Alert (Orange Indicator)

This thermometer has 99.5°F (37.5°C) preset as the threshold to indicate an elevated temperature. However, this is only a reference value. At this temperature, different people feel different, with some feeling uncomfortable and others feeling fine. If you wish to change the elevated temperature threshold after consulting with your doctor, you can manually adjust it to suit your preference.


With the thermometer off, hold the Measurement Trigger for 12 seconds until you see the Orange Temperature Indicator  on the digital display, then release the trigger.

Press the trigger again to increase the threshold by .02°F (0.1°C). Press again and again as needed. The adjustment range is from 99.5 – 100.2°F (37.5 – 37.9°C). Once you reach maximum threshold temperature, press the trigger again and it will return to the minimum value and the cycle will repeat.

After adjustment is complete, press the trigger for 5 seconds to save the setting and turn the thermometer off.

Set Threshold for High Temperature Alert (Red Indicator)

This thermometer has 100.4°F (38.0°C) preset as the threshold to indicate a high temperature. However, this is only a reference value. At this temperature, different people feel different, with some feeling bad and others feeling not as bad. If you wish to change the high temperature threshold after consulting with your doctor, you can manually adjust it to suit your preference.

With the thermometer off, hold the Measurement Trigger for 15 seconds until you see the Red Temperature Indicator  on the digital display, then release the trigger.


Press the trigger again to increase the threshold by .02°F (0.1°C). Press again and again as needed. The adjustment range is from 100.4 – 102.0°F (38.0 – 38.9°C). Once you reach maximum threshold temperature, press the trigger again and it will return to the minimum value and the cycle will repeat.

After adjustment is complete, press the trigger for 5 seconds to save the setting and turn the thermometer off.


Shut down

When the thermometer is turned on, it will shut down automatically when it is not used for 30 seconds. You can also hold the Measurement Trigger for 5 seconds to shut down the device manually.

Replace batteries

When the Low Battery Indicator  appears on the screen, it is time to replace the batteries. Slide open the Battery Cover, remove the batteries and insert 2 x AAA batteries (included) into the battery compartment correctly according to the polarity symbols marked on the device. Close the battery cover and thermometer will be restored for normal use.

Note: Thermometer requires 2 x AAA batteries to operate. Included.

 Take out the batteries if the thermometer will not be used for one month or more.

Temperature Taking Tips

1. It is important to know the normal temperature of each individual when they are well. This is the only way to accurately diagnose a fever. Record readings twice a day: once early in the morning and once in the late afternoon. Take the average of these two temperatures to obtain an individual's "normal" temperature. As temperature readings may vary between different locations on the forehead (or other body location), always take the temperature in the exact same location.
2. The normal temperature of child can be as high as 99.9°F (37.7°C) or as low as 97.0°F (36.1°C). Please note this thermometer reads 0.9°F (0.5°C) lower than a rectal digital thermometer.
3. External factors may influence human body temperature, include when an individual has:
 - a. been exposed to a very hot or very cold environment
 - b. just been swimming or bathing

In these cases, return to normal conditions by waiting for 30 minutes before taking the reading
4. The person to be measured and the thermometer should stay in a steady-state room condition for at least 30 minutes before taking the reading.
5. Before taking a forehead temperature remove hair, dirt, or sweat from the measurement area. Wait 10 minutes after cleaning before taking the measurement.
6. Wiping the forehead with a warm or cool cloth may affect the reading. In this case, it is advisable to wait 10 minutes before taking the reading.
7. In the following situations, it is recommended to measure 3-5 times in the same location and take the highest temperature as the reading:
 - a. Children under 3 years of age with compromised immune systems
 - b. When the user is learning how to use the thermometer, until they have familiarized themselves with the instrument and can obtain consistent readings.

Cleaning and Disinfection

Cleaning

Wipe the outer surfaces of the thermometer with a slightly damp, soft cloth. Gently dry the outer surface of the thermometer with a face tissue. Take care not to scratch the surface of the Infrared Temperature Sensor or the Digital Display.

Only use cotton swabs dipped in 99% isopropyl alcohol to clean the Infrared Temperature Sensor.

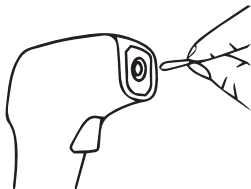


Fig. 7


- ⚠ Keep the Infrared Temperature Sensor away from water during the cleaning process.
- ⚠ The Infrared Temperature Sensor may be scratched if it is cleaned with a piece of tissue paper, resulting in inaccurate readings.
- ⚠ Do not allow the Infrared Temperature Sensor to make contact with hard objects.
- ⚠ Never use abrasive cleaning agents, thinners, or benzene for cleaning.
- ⚠ Never immerse any part of the thermometer in liquid or allow liquid to enter the device.

Disinfection

Disinfect the thermometer outer surfaces with a soft cloth slightly moistened by 75% isopropyl alcohol.

- ⚠ **Do not use 75% isopropyl alcohol to disinfect the Infrared Temperature Sensor, as it contains water that may damage the sensor.**
- ⚠ Do not use hot steam or ultraviolet radiation for disinfection or the thermometer may be damaged or have a shorter overall life.









Troubleshooting

Symptom	Possible Cause	Solution
Thermometer does not power on	The battery level is too low	Replace the batteries
	The polarities of the batteries are reversed	Ensure that the batteries are inserted correctly
	The thermometer is damaged	Contact the manufacturer
Reading is too low	The Infrared Temperature Sensor is dirty	Clean according to the Cleaning section of these use instructions
	The distance between the Infrared Temperature Sensor and the target is too great	Keep within a distance of 1.2 - 2.0 inches (3 - 5cm) between the Infrared Temperature Sensor and the target
	You have just come from a cold environment	Stay in a room between 50.0 - 104.0°F (10.0 - 40.0°C) for at least 30 minutes before taking a temperature measurement
Reading is too high	You have just come from a hot environment	Stay in a room between 50.0 - 104.0°F (10.0 - 40.0°C) for at least 30 minutes before taking a temperature measurement
	You are exposed to hot air generated from a heater, air conditioner exhaust, fireplace, etc.	Leave the environment for at least 30 minutes before taking a temperature measurement
	Low battery	Replace the batteries.
Digital display shows "Hi"	Human body temperature over 109.4°F (43.0°C)	<ol style="list-style-type: none"> 1. First make sure the Infrared Temperature Sensor is clean and free from dirt. 2. If the environmental temperature is out of range, then both patient and thermometer should stay in a room between 50.0 - 104.0°F (10.0 - 40.0°C) for at least 30 minutes before taking a temperature measurement. 3. If the problem persists after trying the above method, please contact the manufacturer.
Digital display shows "Lo"	Human body temperature below 89.6°F (32.0°C)	<ol style="list-style-type: none"> 1. First make sure the Infrared Temperature Sensor is clean and free from dirt. 2. If the environmental temperature is out of range, then both patient and thermometer should stay in a room between 50.0 - 104.0°F (10.0 - 40.0°C) for at least 30 minutes before taking a temperature measurement. 3. If the problem persists after trying the above method, please contact the manufacturer.
Digital display shows "Err"	Environmental temperature is not in the 50.0 - 104.0°F (10.0 - 40.0°C) range.	<ol style="list-style-type: none"> 1. First make sure the Infrared Temperature Sensor is clean and free from dirt. 2. If the environmental temperature is out of range, then both patient and thermometer should stay in a room between 50.0 - 104.0°F (10.0 - 40.0°C) for at least 30 minutes before taking a temperature measurement. 3. If the problem persists after trying the above method, please contact the manufacturer.

Specifications

Product Name	Infrared Thermometer
Product Model	TMP102EC / PC828
Applicable Regulations and Laws	ASTM E 1965 / EN12470-5 / GB/T 19146
Power Supply	DC 3.0V (2 x AAA batteries, included)
Battery Life	More than 2,000 measurements
Low Battery Indicator	Appears on the screen when the voltage is below 2.6V +/- 0.1V
Measurement Modes	Body and Room Temperature
Measurement Time	1 second
Temperature Units	°F and °C (convertible)
Measurement Range	89.6 - 109.4°F (32.0 - 43.0°C)
Accuracy	±0.4°F (±0.2°C) for 35.0°C–42.0°C, ±0.54°F (±0.3°C) otherwise
Display Resolution	0.1°F/°C
Automatic Shutdown	About 30 seconds
Memory	32 saved reading slots
Operation Environment	Temperature: 50.0 - 104.0°F (10.0 - 40.0°C) Humidity: 15 - 85% RH, non-condensing Atmospheric Pressure: 70 - 106 kPa
Storage and Shipping Environment	Temperature: -13.0 - 122.0°F (-25.0- 50.0°C) Humidity: ≤95% RH, non-condensing Atmospheric Pressure: 70 - 106 kPa
Date of Manufacture	See label
Expected Product Life	5 years
Net Weight	3.2 ounces (91 g) Not including batteries
Dimension	5.45 x 3.85 x 1.51 in. (138.5 x 97.7 x 38.4 mm)

Symbol Descriptions

Symbol	Description
	Waste electrical materials should be sent to a dedicated collection point for recycling.
	Type BF applied part.
	Please read the use instructions carefully.
	Manufacturer
	Date of manufacture
	Serial number
	Batch code
	CAUTION! Inaccurate readings or thermometer damage may occur if the thermometer is not correctly used.

Maintenance

1. Clean the thermometer strictly as describe in the “Cleaning and Disinfection” section of these use instructions.
2. Store the thermometer in a dry, dust-free, well-ventilated area.
3. Ensure that the thermometer is not exposed to direct sunlight.
4. Ensure that the storage and transportation environments meet the requirements.
5. Check for safety risks on a regular basis.
6. Remove the batteries if the thermometer will not be used for more than one month.

Warranty

1-year limited warranty from date of purchase. Any damage caused by inappropriate handling shall not be covered under warranty. Packaging is also excluded from warranty. All other damage claims excluded. A warranty claim must be submitted with a purchase receipt. Please contact the manufacturer for warranty claim.

Declaration

The electromagnetic compatibility (EMC) of this product complies with the IEC60601-1-2 standard. In compliance with ISO10993-1, ISO10993-5, and ISO10993-10 the materials which come into contact with the user are not toxic and have no effect on tissues.

Appendix A: EMC Information – Guidance and Manufacturer's Declaration

CAUTION!

- This Infrared Thermometer requires special precautions regarding EMC, and must be installed and put into service according to the EMC information provided in the accompanying documents.
- Portable and mobile RF communications equipment can affect the thermometer.
- This device should not be used adjacent to or stacked with other electronic equipment.


Guidance and Manufacturer's Declaration – Electromagnetic Emissions – for all EQUIPMENT and SYSTEMS

Guidance and Manufacturer's Declaration - Electromagnetic Emissions		
The Infrared Thermometer is intended for use in the electromagnetic environment specified below. The customer or user of the device should ensure that it is only used in such and environment.		
Emissions Test	Compliance	Electromagnetic Environment - Guidance
RF Emissions CISPR 11	Group 1	As this device only uses RF energy for its internal functions, its RF emissions are very low and not likely to cause any interference to nearby electronic equipment.
RF Emissions CISPR 11	Class B	This device is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network which supplies buildings for domestic purposes.

Guidance and Manufacturer's Declaration – Electromagnetic Immunity – for all EQUIPMENT and SYSTEMS

Guidance and Manufacturer's Declaration - Electromagnetic Immunity			
The Infrared Thermometer is intended for use in the electromagnetic environment specified below. The customer or user of the device should ensure that it is only used in such and environment.			
Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment - Guidance
Electrostatic Discharge (ESD) IEC 61000-4-2	+/- 6KV contact, +/- 8KV air	+/- 6KV contact, +/- 8KV air	Floors should be wooden, 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 commercial or hospital environment

Guidance and Manufacturer's Declaration – Electromagnetic Immunity – for all EQUIPMENT and SYSTEMS that are not LIFE-SUPPORTING

Guidance and Manufacturer's Declaration - Electromagnetic Immunity			
The Medical Infrared Thermometer is intended for use in the electromagnetic environment specified below. The customer or user of the device should ensure that it is only 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	Portable and mobile RF communications equipment should not be used closer to any part of the device.
			<p>Infrared Thermometer, including cables, than the recommended separation distance calculated by the equation applicable to the frequency of the transmitter. Recommended separation distance:</p> $d = \left[\frac{3.5}{V1} \right] \sqrt{P}$ $d = \left[\frac{3.5}{E1} \right] \sqrt{P} \quad 80 \text{ MHz to } 800 \text{ MHz}$ $d = \left[\frac{7}{E1} \right] \sqrt{P} \quad 800 \text{ MHz to } 2.5 \text{ GHz}$ <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). b Field strengths from mixed RF transmitters, as determined by an electromagnetic site survey, a should be less than the compliance level in each frequency range. b interference may occur in the vicinity of equipment marked with the following symbol:</p> 
<p>Note 1: At 80 MHz and 800 MHz, the higher frequency range applies.</p> <p>Note 2: These guidelines may not apply in all situations. Electromagnetism is affected by absorption and reflection from structures, objects and people.</p>			
<p>Theoretically, the field strengths of such fixed transmitters as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radios, AM and FM radio signals and TV signals cannot be predicted with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. The field strength in the location in which the thermometer is to be used should be measured to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the thermometer. Over the frequency range of 150 kHz to 80 MHz, the field strength should be less than 3 V/m.</p>			

Recommended Separation Distances Between Portable and Mobile RF Communications Equipment and the EQUIPMENT or SYSTEM – for EQUIPMENT and SYSTEMS that are not LIFE-SUPPORTING

Recommended separation distances between portable and mobile RF communications equipment and the Medical Infrared Thermometer.

The Infrared Thermometer is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or user of the infrared thermometer can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the thermometer as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m		
	150 kHz to 80 MHz	80 MHz to 800 MHz	800 MHz to 2.5 GHz
	$d = \left[\frac{3.5}{\sqrt{P}} \right] \sqrt{P}$	$d = \left[\frac{3.5}{E1} \right] \sqrt{P}$	$d = \left[\frac{7}{E1} \right] \sqrt{P}$
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 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.

Manufacturer Information



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