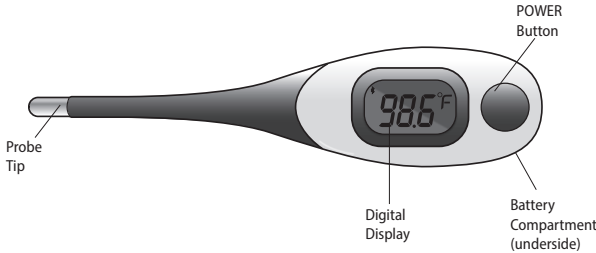


R.P.M.
PRO™

DIGITAL THERMOMETER

MODEL 210-6130B

THANK YOU FOR PURCHASING A 20-SECOND THERMOMETER. PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE PROPER USE AND SAFE OPERATION OF YOUR THERMOMETER.



PLEASE READ AND SAVE THESE INSTRUCTIONS

- This product is not intended to diagnose or treat any health problem or disease and should not be used as a substitute for the consultation and advice of a physician or other medical professional.
- Thermometers should only be used under the supervision of an adult.
- This thermometer should be held during use; the patient should be seated or lying down during readings.
- Before use, it is recommended that the patient avoid eating, drinking, smoking or exercising for at least twenty minutes prior to taking a measurement. Never walk, run or talk during a measurement.

ATTENTION!

This manual is intended for instruction on operating this thermometer as a stand-alone measurement device.

Your Thermometer with Bluetooth MAY HAVE connectivity to a Smartphone app, Digital Alert Device, Hub or other Assistive Technology.

For instructions on how to connect your Thermometer with Bluetooth with other devices, please consult the documentation that was provided with the device.

WARNINGS AND CAUTIONS

- Read instructions thoroughly before using digital thermometer.
- Choking Hazard: Thermometer cap and battery may be fatal if swallowed. Do not allow children to use this device without parental supervision.
- Do not use thermometer in ear. Designed use is for oral, rectal, and armpit (axilla) readings only.
- Do not place thermometer battery near extreme heat as it may explode.
- Remove battery from the device when not in operation for a long time.
- The use of temperature readings for self-diagnosis is dangerous. Consult your doctor for the interpretation of results. Self-diagnosis may lead to the worsening of existing disease conditions.
- Do not attempt measurements when the thermometer is wet as inaccurate readings may result.
- Do not bite the thermometer. Doing so may lead to breakage and/or injury.
- Do not attempt to disassemble or repair the thermometer. Doing so may result in inaccurate readings.
- After each use, disinfect the thermometer especially in case the device is used by more than one person.
- Do not force the thermometer into the rectum. Stop insertion and abort the

measurement when pain is present. Failure to do so may lead to injury.

- Do not use thermometer orally after being used rectally.
- For children who are two years old or younger, please do not use orally.
- If the unit has been stored at temperatures over 5°C~40°C (41°F~104°F), leave it in 5°C~40°C (41°F~104°F) ambient temperature for about 15 minutes before using it.

- Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

- PORTABLE RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12") to any part of the digital thermometer, including cables specified by the MANUFACTURER. Otherwise, degradation of the performance of this equipment could result.

- It is not intended for use in the oxygen rich environment and presence of flammable anesthetic mixture with air, oxygen or nitrous oxide.
- Do not put the thermometer in direct sunlight or with cotton wool, otherwise the accuracy will be affected.
- ME equipment should not be cleaned and disinfected while in use.

INDICATIONS FOR USE

- The digital thermometers are intended to measure the human body temperature in regular mode orally, rectally or under the arm. And the devices are reusable for clinical or home use on people of all ages, including children under 8 years old with adult supervision.

EXPECTED DEVICE OPERATOR

- The patient is an intended operator. The Applied Part is the probe.
- All functions the patient can safely use.
- The patient can replace the batteries.

PLEASE READ CAREFULLY BEFORE USING

- This digital thermometer provides a quick and highly accurate reading of an individual's body temperature. To better understand its functions and to provide years of dependable results, please read all instructions first.

This appliance conforms to the following standards:

- ASTM E1112 Standard Specification for Electronic Thermometer for Intermittent Determination of Patient Temperature, ISO 80601-2-56 Medical electrical equipment—Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement,
- IEC 60601-1-11 Medical electrical equipment—Part 1-11: General requirements for basic safety and essential performance—Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment and complies with the requirements of IEC 60601-1-2(EMC), AAMI/ANSI ES60601-1 (Safety) standards. The manufacturer has operated quality management system based on ISO 13485.

CHANGING MODES - FAHRENHEIT OR CELSIUS OPERATION

This unit takes measurements in both Fahrenheit and Celsius. While the unit is OFF, press and hold the **POWER** button for approximately 3-seconds. After the brief self-test, the unit will show the last reading in either °F or °C. Continue to hold the **POWER** button, and display will change the mode and display the new temperature reading mode. Release the **POWER** button and begin your reading.

MEMORY RECALL

This unit includes a recall of the last measurement taken. When the unit is OFF, press the **POWER** button to turn the unit on, and release. After the self-test, the unit will briefly show the last reading on the display.



APP CONNECTION / NOTE BEFORE USE: You must have the accompanying healthcare app open and connected to sync and record your measurement. This device will not store and sync measurements from memory. If the app is not open and connected to your thermometer, the measurement will not be recorded in the app.

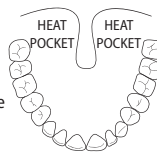
OPERATING INSTRUCTIONS

Press and release the **POWER** button to activate the thermometer. The unit will beep and the display will show all of the digital display symbols as it performs a self-test before showing the last reading in memory.

NOTE: If using a probe cover, apply before turning device on.

ORAL MEASUREMENTS — Approximate measurement time 30~50 seconds

- Place the probe under the tongue as near as possible to a heat pocket as noted in the diagram. Readings will be progressively lower the further the probe is from the indicated heat pockets.
- Hold the thermometer in place during the reading; do not bite down on the thermometer. The mouth must remain closed to ensure accurate results. The reading should take approximately 30~50 seconds.



AXILLARY (UNDERARM) MEASUREMENTS — Approximate measurement time 30~50 seconds

- Wipe the underarm with a dry towel before application.
- Place the probe tip under the arm so that the tip is touching skin; hold the thermometer parallel, slightly angled upwards as indicated in the diagram. Position the arm across the chest to ensure the tip is completely covered. The reading should take approximately 30~50 seconds.



RECTAL MEASUREMENTS — Approximate measurement time 30~40 seconds

- It is recommended that a probe cover is used for rectal measurements; apply a water-soluble lubricant for easier insertion.
- Lay the patient on their side or stomach with their legs hanging down.
- Gently insert the tip of the probe NO MORE THAN .5 INCH into the rectum. Stop immediately if you detect resistance. The reading should take approximately 30~40 seconds.

WHEN THE MEASUREMENT IS COMPLETE —

- When the reading is complete and the peak temperature has been reached, the °F(°C) will cease flashing. The bluetooth symbol will flash indicating measurement is transmitting to your app.
- If the reading below 100.0°F(37.8°C), the unit will sound ten long beeps.
- If the reading is at or above 100.0°F(37.8°C), the unit will sound ten sets of three short beeps.
- To turn the unit off, simply press the **POWER** button to preserve battery life. The unit will automatically shut-off after approximately ten minutes.

NOTE: Water bath response time: approximately 20~30 seconds (according to bonding time). Water bath response time refers to the response time at a water bath temperature of 98.6°F (37°C).

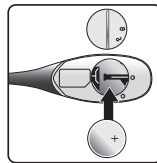
PROBE COVER USE

Disposable, hygienic probe covers are recommended for use with stick thermometers to prevent contamination. Probe covers are intended for one-time use only; a new probe cover should be used with each application.

REPLACING THE BATTERY

This thermometer includes 1 2032Li 3V coin battery. If the battery is low, the battery symbol will appear on the lower right of the display; replace the battery as soon as possible.

- Use a large coin or flat head screwdriver to remove the battery cap on the back side of the thermometer.
- Remove the expired battery and replace with a new battery with the plus (+) side up.
- Carefully replace and secure the battery cap.
- Do not dispose of used batteries in the trash. Consult your local recycling center for the proper way to dispose of batteries in your area. Keep used batteries away from children, pets and excessive heat.



CARE AND CLEANING INSTRUCTIONS

Store the unit in the provided protective case when not in use. Do not store the thermometer where it will be exposed to direct sunlight, dust or humidity. Avoid extreme temperatures. Never attempt to disassemble the unit.

- Immerse the thermometer probe in distilled water for at least 1 minute.
- Using a clean, soft cloth to wipe the thermometer down to remove any residue.
- Repeat step 1 and 2 for three times until no soil is seen with visual inspection after cleaning.
- For thoroughly clean and disinfection, please use method A or B: Method A(High level disinfection): immerse the thermometer probe in 0.55% OPA(O-Phthaldehyde), such as CIDEX OPA, for at least 12 minutes under temperature at 20°C; Method B(Low level disinfection): Using a clean soft cloth dipped in 70% medical alcohol, wipe the probe 3 times, at least one minute for each time.
- Repeat step 1 to 3 to remove OPA residuals

Note1: Rectal use is not recommended for home use as OPA will not be readily available outside of a hospital. If rectal measurement is necessary, we strongly recommend high level disinfection.

Note2: Please operate according to the manual of OPA for reference.

To prevent damage to the thermometer please note and observe the following:

- Do not use benzene, paint thinner, gasoline or other strong solvents to clean the thermometer.
- Do not attempt to disinfect the sensing probe (tip) of the thermometer by immersing in alcohol, OPA or in hot water (water over 122°F(50°C)) for long time.
- Do not use ultrasonic washing to clean the thermometer.

TROUBLESHOOTING / ERROR CODES Performance may be degraded should one or more of the following occur:

- Operation outside stated temperature and humidity range
- Storage outside state temperature and humidity range
- Mechanical shock
- Patient temperature is below ambient temperature

Error	Problem/Cause	Solution
Hi °F(°C)	The measured temperature is above 109.2°F (42.9°C)	Results are above range; wait several minutes and attempt new measurement.
Lo °F(°C)	The measured temperature is below 89.6°F (32°C)	Results are below range; wait one minute and attempt new measurement.
Err	The system is not functioning properly.	Attempt new measurement; if error persists contact Customer Care.
	Dead battery	Replace with a new battery.

DEVICE AND LABEL SYMBOLS

Symbol	Meaning	Symbol	Meaning
	Read This Manual (symbol is blue)	IP27	#2: Protected against solid foreign objects of 12.5 mm and greater; #7: Protected against the effects of temporary immersion in water.
	Caution		Disposal of this product and used batteries should be carried out in accordance with the national regulations for the disposal of electronic products.
	Direct Current		Batch Code
	Date of Manufacture		Atmospheric Pressure Limitation
	Manufacturer		Storage and Transportation Humidity Limitation
	Type BF Applied Part		
	Storage and Transportation Temperature Limit: -4°F~131°F (-20°C~55°C)		

PRODUCT SPECIFICATIONS

TYPE: Digital Thetmometer (non-predictive)
OPERATING MODE: Direct mode
BATTERY: 1 2032Li 3V battery
BATTERY LIFE: Approximately 8 months with 3x measurements per day
AUTOMATIC SHUT-OFF: Approximately after 10 minutes of non-use
MEASUREMENT RANGE: ±0.2°F, 95.9°F - 107.6°F (±0.1°C, 35.5°C - 42.0°C); ±0.4°F (0.2°C) outside of that range
ACCURACY: 41°F - 104.0°F (5°C - 40°C); Humidity 15-95% (non condensing)
OPERATING TEMPERATURE: -4.0°F - 131.0°F (-20°C - 55°C); Humidity 15-95% (non condensing)
STORAGE TEMPERATURE: Fahrenheit and Celsius
MEASUREMENT SCALE: Recall of last measurement taken
MEMORY: Liquid crystal display
DISPLAY: 5.2"X 1.2"X 1.2" (13.4cm x 3.1cm x 1.6cm)
DIMENSIONS: .03 ounces (26 grams) with battery
WEIGHT: Three years
SERVICE LIFE: IP 27
INGRESS PROTECTION: TYPE BF

Specifications are subject to change without notice.

ELECTROMAGNETIC COMPATIBILITY

The device satisfies the EMC requirements of the international standard IEC 60601-1-2. The requirements are satisfied under the conditions described in the table below. The device is an electrical medical product and is subject to special precautionary measures with regard to EMC which must be published in the instructions for use. Portable and mobile HF communications equipment can affect the device. Use of the unit in conjunction with non-approved accessories can affect the device negatively, alter the electromagnetic compatibility. The device should not be used adjacent to or stacked with other equipment.

Table 1		
Guidance and manufacture's declaration—electromagnetic emission		
The device is intended for use in the electromagnetic environment specified below. The user of the device should assure that it is used in such an environment.		
Emission test	Compliance	Electromagnetic environment-guidance
RF emissions CISPR 11	Group 1	The device uses RF energy only for their 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 device 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 emission IEC 61000-3-3	Not applicable	

Table 2			
Guidance and manufacture's declaration-electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The user of the device should assure that it is used in such an environment.			
Immunity test	IEC60601 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 8 kV contact ± 2 kV, ± 4 kV, ± 8 kV, ± 15 kV air	± 8 kV contact; ± 2 kV, ± 4 kV, ± 8 kV, ± 15 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%.
Electrostatic transient / burst IEC 61000-4-4	± 2 kV for power supply lines 100 kHz repetition frequency ± 1 kV for input/output lines	N/A	N/A
Surge IEC 61000-4-5	± 0.5 kV ± 1 kV differential mode line-line	N/A	N/A
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	0% UT (100% dip in UT) for 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270°, and 315° 9% UT (100% dip in UT) for 1 cycle at 0° 70% UT (30% dip in UT) for 25/30 cycles at 0° 9% UT (100% dip in UT) for 250/300 cycle at 0°	N/A	N/A
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30 A/m, 50/60 Hz		Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE: UT is the a.c. mains voltage prior to application of the test level.			

ELECTROMAGNETIC COMPATIBILITY

Table 3		
Guidance and manufacture's declaration-electromagnetic immunity		
The device is intended for use in the electromagnetic environment specified below. The user of the device should assure that it is used in such an environment.		
Immunity test	IEC60601 test level	Compliance level
Conducted RF IEC 61000-4-6	3Vrms 150 kHz to 80MHz 6 Vrms 150 kHz to 80 MHz outside ISM bands	3V/m 80MHz to 800MHz
Radiated RF IEC 61000-4-3	10 V/m 80 MHz to 2.7 GHz	10 V/m 800MHz to 2.5GHz
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. Interference may occur in the vicinity of equipment marked with the following symbol: 		
NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.		
NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.		

Table 4			
Recommended separation distances between portable and mobile RF communications equipment and the device.			
The device is intended for use in the electromagnetic environment in which radiated RF disturbances are controlled. The customer or user of the device can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the Pulse Oximeter as recommended below, according to the maximum output power of the communications equipment.			
Separation distance according to frequency of transmitter (m)			
Rated maximum output power of transmitter (W)	150KHz to 80MHz	80MHz to 800MHz	800MHz to 2.7GHz
	$d = \left[\frac{3.5}{V_1} \right] \sqrt{P}$	$d = \left[\frac{3.5}{F_1} \right] \sqrt{P}$	$d = \left[\frac{7}{F_1} \right] \sqrt{P}$
0.01	0.12	0.04	0.07
0.1	0.37	0.12	0.23
1	1.17	0.35	0.7
10	3.7	1.11	2.22
100	11.7	3.5	7.0
For transmitters rated at a maximum output power not listed above, the recommended separation distance in meters (m) can be estimated using the equation applicable to the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.			
NOTE 1 At 80MHz and 800MHz, 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.			

ELECTROMAGNETIC COMPATIBILITY

Table 5								
Guidance and manufacturer's declaration-electromagnetic immunity								
Frequency MHz	Maximum Power (W)	Distance	IEC 60601 Test Level	Compliance Level	Maximum Power (W)			
385	1.8	0.3	27	27	RF wireless communications equipment should be used no closer to any part of the device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.			
450	2	0.3	28	28				
710	0.2	0.3	9	9	Recommended separation distance $E = \frac{6}{d} \sqrt{P}$ Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in 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. Interference may occur in the vicinity of equipment marked with the following symbol: 			
745								
780								
810	2	0.3	28	28				
870								
930	2	0.3	28	28				
1720								
1845								
1970	2	0.3	28	28				
2450								
5240								
5500								
5785	0.2	0.3	9	9				
Note 1: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.								
WARNINGS!								
- This device should not be used in the vicinity or on the top of other electronic equipment such as cell phone, transceiver or radio control products. If you have to do so, the device should be observed to verify normal operation. - The use of accessories and power cord other than those specified, with the exception of cables sold by the manufacturer of the equipment or system as replacement parts for internal components, may result in increased emissions or decreased immunity of the equipment or system.								

FCC STATEMENT

IMPORTANT INFORMATION REQUIRED BY THE FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference; and (2) this device must accept any interference received, including interference that may cause undesirable operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

ONE-YEAR WARRANTY

Congratulations on your purchase of a 20-Second Digital Thermometer. Your Thermometer is covered by the following limited warranty commencing upon the date of purchase, and subject to the following terms and conditions:

The Warrantor warrants that its Thermometer will be free from defects in materials and workmanship under normal consumer usage for a period of one year for the original purchaser of the Thermometer.

Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Thermometer for commercial purposes or subjecting the Thermometer to abnormal usage or conditions; or (d) other acts which are not the fault of the Warrantor, are excluded from coverage. This warranty does not cover batteries or other power sources that may be provided with, or used with the Thermometer.

If the Digital Thermometer fails to conform to this limited warranty, return the Thermometer to: **Attn: Repair Department, 1175 Lakeside Drive, Gurnee, IL, 60031**. When returning a product, please also include: (i) a copy of your receipt, bill of sale or other comparable proof of purchase; (ii) a written description of the problem; and (iii) your name, address and telephone number. Carefully package the product to avoid any damage that may occur while in transit; shipping insurance with returned receipt is recommended. At our option, the warrantior will repair or replace the unit found to be defective in materials or workmanship under normal consumer usage. The purchaser will be notified of any additional repairs required prior to completing the repair, and will be responsible for parts charges, if any, and repair charges not covered by this limited warranty.

EXCEPT AS PROVIDED FOR IN THIS LIMITED WARRANTY, ALL EXPRESS AND IMPLIED WARRANTIES AND CONDITIONS ARE DISCLAIMED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL THE WARRANTOR BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR FOR DAMAGES TO, OR LOSS OF, OTHER PROPERTY OR EQUIPMENT OR PERSONAL INJURIES TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

Made in China

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