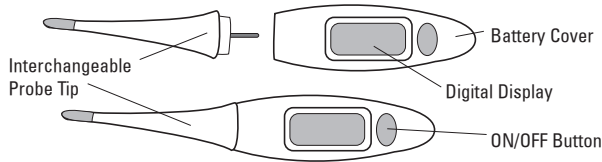


Digital Thermometer with Interchangeable Probe Tips

Model #MT19R1-PRO



This predictive clinical digital electronic thermometer is for the intermittent measurement and monitoring of human adult and pediatric body temperatures; orally, and under the arm.

This thermometer IS intended to be used:

- For self-measurement/monitoring of human body temperature whereas the person being measured may be the user/operator of the device.
- Orally, and Under the Arm (axillary).
- Adults
- Pediatric

This thermometer IS NOT intended for use with:

- Neonatal

General Warnings

- Contact your physician in case of prolonged fever as this requires medical attention, especially for young children.
- Self-measuring means monitoring, not diagnosis or treatment. Under no circumstances should you independently alter the dosages of any drugs prescribed by your physician.
- Do not use this device if you think it is damaged or anything appears unusual (e.g. sporadic operation, open packaging upon purchase).
- To avoid possible injury, do not run or walk while using this device.
- Ensure that children are supervised around this medical device; some parts are small enough to be swallowed.
- Keep batteries away from children; harmful if swallowed.
- Do not dispose of the battery or device in fire; the battery may explode.
- Do not use a metal tool to replace the battery; doing so may short circuit the terminals.
- Do not attempt to recharge the battery as they are not rechargeable.
- Only open the thermometer battery cover to replace the battery (when applicable); and replace all batteries at the same time if more than one is required for the thermometer. We do not recommend the use of rechargeable batteries for replacements.
- Do not open/modify this device; inaccuracy and/or harmful injury may result.
- Performance of this thermometer may be degraded if used outside of its specified operation temperature and humidity rating, or if stored outside of its specified storage temperature and humidity rating. Avoid dust and storage in direct sunlight.
- Performance of this thermometer may be degraded if the device is exposed to mechanical shock.
- Performance of this thermometer may be degraded if the patient's temperature is lower than that of the ambient.
- Performance of this thermometer may be degraded if the tip is dirty or damaged; ensure the tip is clean before using.
- Performance of this thermometer may be degraded if the probe cover is dirty or a probe cover not intended for use with this device is used.
- Any probe covers that may be included in this device package are for single use only.
- This device contains sensitive electronics components. Avoid strong electrical or electromagnetic fields in the direct vicinity of the device (e.g., mobile telephones, microwave ovens). These can lead to temporary impairment of the measuring accuracy. Move the device to another location if interference is determined. Maintain a minimum distance of 3.3 m from such devices when using this unit.
- According to international standards, your device should be checked for accuracy every 2 years.
- Batteries and electronic instruments must be disposed of in accordance with the locally applicable regulations as domestic waste.

TO USE:

This thermometer can be used with or without a tip cover. To use a cover, slide onto sensor tip until fully engaged and peel off paper. Covers are for single use, do not reuse. If thermometer has been in a cold environment, allow it to warm up to room temperature for about 15 minutes before use. Avoid storing at temperatures above 140° (60° C).

Attach one probe-tip to thermometer base by aligning tip and pressing together until you feel and hear the two pieces snap together. Test by pulling gently, to ensure a secure fit.

POSITION THERMOMETER:

To position for underarm use: Place sensor tip in the very center of the underarm next to bare skin (skin should be clean and dry). Hold the arm close to the body. Slide thermometer into the center of the underarm.

To position for oral use: Place thermometer under the tongue, slightly to the left or right, as far back as comfortably possible. Keep lips closed during the reading.

TAKE TEMPERATURE:

- Press the ON/OFF button once. You will hear one quick beep. Thermometer will display standard pretest (188.8°), then for about 2 seconds will show the last measured temperature reading.
- Position thermometer for desired measurement location (underarm or oral use). Hold thermometer in place until it beeps 10 times.
- You may read temperature before or after removing thermometer.
- Press and release the ON/OFF button to turn the thermometer off. (If you forget, it will turn off automatically in about 10 minutes.)
- Clean thermometer according to instructions, and store in protective storage case.

The Digital Display:

Underarm reading: An underarm temperature will be about one degree lower than a temperature taken orally. To calculate oral equivalent precisely, add 0.9°F (0.5°C) to the display.

High Temperature Alarm: If temperature reading is higher than 99.5°F (37.5°C), 2 short beeps will sound continuously for 13 seconds indicating that a high temperature may be present.

Indicates a reading below 90°F (32°C)	
Flashes when reading is above 109.9°F (42.9°C) 188.8° is a normal pre-test display.	
Indicates battery needs to be changed. The unit will not work until battery is replaced.	
- Indicates thermometer is malfunctioning and should be replaced. - Indicates thermometer turned on without probe tip attached	

Changing from Fahrenheit to Celsius and vice versa

- Simply press the On/Off button and hold for 4 seconds.
- The display will show --- F or --- C with “M” disappearing
- Release the On/Off button and press it again; one short beep will be heard when scale is shifted. The thermometer will enter ready for measurement after 3 seconds.

TO CLEAN:

Clean thermometer before and after every use. There are 2 cleaning options:

Dishwasher:

- Probe tips (only) may be detached from thermometer base and washed in the dishwasher, top rack only. To detach, hold thermometer base securely in one hand, and pull probe tip gently yet firmly in a straight direction from base. Do not twist or bend.
- To dishwash probe tips, place probe tip into mesh dishwasher bag and close drawstring tightly to retain probe tip in bag. Place bag on top rack only of dishwasher, making sure it is securely fastened. Never allow mesh bag to fall to the bottom rack of the dishwasher. Run dishwasher with a normal cleaning cycle. It is not recommended to use the extra high heat drying cycle. Be sure probe tip is completely dry before using, to avoid any drops of water entering the thermometer base.

Do not place thermometer base in dishwasher, as this will cause permanent damage.

Alcohol:

- If preferred, you may clean sensor tip by wiping with a soft cloth or cotton ball that has been dampened with 70% isopropyl alcohol. Wipe dry.
- For thermometer base, wipe surface with a damp cloth or sponge using 70% isopropyl alcohol. Wipe with clear water. Wipe dry or air dry.

TO STORE:

- All components should be contained in the storage case for storage or travel. It is important that all components be thoroughly cleaned AND dried before storing in case. Storing damp items can result in mildew.

TO REPLACE BATTERY:

If display is unclear or shows △ , the battery needs to be replaced. Use one 1.50 V Button Cell, SR41, or the equivalent.

- Remove the battery compartment cover.
- Use a toothpick or insulated probe to remove the battery. Avoid using any sharp metal object. Be sure to dispose of battery properly (see warning below).
- Insert new battery, with contact down (side with writing up).
- Replace cover.

FEVER FACTS

These tips provide general information only. In all cases of fever or illness, the advice of your own healthcare provider should be your guide.

- Remember: Fever is a symptom, not an illness. It is a sign of the body's effort to fight an infection – a healthy response of the immune system. The majority of fevers will not need antibiotics or other treatment.
- In children, a high fever can occur suddenly, and even a low fever can sometimes be dangerous. It's a good idea to take a “benchmark” temperature reading when your child is well and you can both feel comfortable doing it. Ask your healthcare provider what thermometer reading you should consider “high” for this particular child, and what steps are to be taken.
- Observe your child carefully. The way your child acts is often more important than your child's actual temperature. Watch for lethargy, irritability, and lack of appetite.

LIMITED WARRANTY:

This thermometer includes a limited lifetime warranty by Microlife USA Inc, against manufacturer defects for the original purchaser only, from date of purchase.

This lifetime warranty applies to the thermometer. Batteries and case are not covered by this warranty. There are no user serviceable parts inside.

The warranty does not apply to consequential and incidental damages, or damage caused by batteries, improper handling, and accidents.

Professional use, not following the operating instructions, and alterations made to the device or accessory by third parties, are also not included in this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Microlife USA Inc will investigate your concern. A product as defined by this warranty, determined to be out of specification, will be replaced and shipped to you at no cost. A product or accessory as defined by this warranty, determined to be within specification, will be returned to you with a report of findings, at no cost.

Please call customer service: 1-800-568-4147 regarding any warranty concerns. We ask that you please contact us before sending any product back in order to better identify, and more quickly process, your concern.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

TECHNICAL SPECIFICATIONS

Measurement range:	90.0°F (32.0°C) to 109.9°F (42.9°C)
Measurement Accuracy:	±0.2°F (±0.1°C) between 93.2°F (34°C)to 107.6°F (42°C)
Display:	Liquid crystal display (LCD) with 4 digits
Smallest unit of display:	0.1°F (0.1°C)
Memory:	For storing the last measured value
Storage temperature:	-25°C to 60°C, humidity of 15-95% (noncondensing)
Operating temperature:	10°C to 40°C, humidity of 15-95% (noncondensing)
Battery:	1.5V/1.55V, model SR41W/392
Product life:	5 years
Reference to Standards:	Device standard: Device corresponds to the requirements of the standard for electronic thermometers ISO 10993-10:2010, ISO 10993-5: 2009, ISO 10993-12:2012 ASTM E 1112, EN 12470-3, IEC 60601-1, IEC 60601-1-2, IEC 60601-1-11
IP67:	Totally protected against dust ingress, protected against the effect of immersion in water between 15cm and 1m.
Electromagnetic Compatibility:	Device fulfills the stipulations of the standard IEC 60601-1-2

Test Protocol (for laboratory use only):

- Attach tip to thermometer body.
- Place thermometer into waterbath. The tip of the thermometer should be approximately 2cm below the surface.
- Wait for 10 seconds, then turn the thermometer on by pressing the blue “On/Off” button. The thermometer is now in standard mode.
- When the thermometer reaches peak value, it will beep 5 times.
- When the measurement is completed, record the temperature reading.

Follow instructions of use to avoid hazards.

Type BF applied part

Manufactured by: Microlife Corporation	Toll Free Customer Help Line:
Distributed by: Microlife USA, Inc. 1617 Gulf to Bay Blvd, 2nd Floor Clearwater, FL 33755	1-800-568-4147 Made in China

