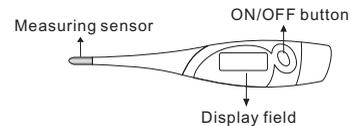




FAST DIGITAL THERMOMETER Model T 103

DESCRIPTION OF THIS PRODUCT



We congratulate you on your purchase of this thermometer. To correctly utilize all the advantages of this product, you should familiarize yourself with these operating instructions before using the thermometer the first time. Then keep these instructions in a safe place for future reference.

SPECIAL FEATURES

- **Maximum thermometer:** In each case the highest measured temperature is displayed until the appliance switches off.
- **Acoustic signal:** indicates 《appliance ready for use》 and 《measurement completed》.
- **Automatic self-test:** guarantees a specified measuring accuracy for each temperature reading! 《ERR》 (error) is immediately indicated if any deviation is registered.
- **Temperature measurement:** up to 10 seconds fast measurement of the body temperature reading.
- **Digital display:** for temperature changes as minor as 0.1°C.
- **Memory:** automatic storage of last measured temperature.
- **Automatic switchoff:** after approx. 10 minutes-for longer battery life.
- **100% waterproof:** can be completely immersed for cleaning.
- **Flexible tip:** can be bent up to 45°.
- **Battery:** 1.5/1.55V

IMPORTANT SAFETY INSTRUCTIONS

- The thermometer is suitable exclusively for measurement of the body temperature!
- The minimum measurement time until the signaling tone [beep] must be maintained without exception!
- The thermometer contains small parts (battery, etc.) that can be swallowed by children. Therefore never leave the thermometer unattended to children.
- Protect the thermometer from hitting and striking!
- Avoid bending the tip more than 45°!
- Avoid ambient temperatures above 60°C. NEVER boil the thermometer!
- Use only the commercial disinfectants listed in the section 《cleaning and disinfecting》 to clean the thermometer. The thermometer must be intact when immersed in liquid disinfectant.

Warning: The thermometer contains a long-life battery. For disposal, please comply with local regulations for special waste.

- The manufacturer recommends to verify the accuracy by an authorized laboratory every 2 years.

TURNING ON THE THERMOMETER

To turn on the thermometer, push the button over the display window; a short signaling tone [beep] signals 《 thermometer ON.》 A display test is performed by tuning on all symbols for about 1 second, then display last measurement memory (only valid to an successful last measurement), an 《Lo》 and a flashing 《 °C 》 appear at the upper right of the display. The thermometer is now ready for use.

FUNCTION TEST

Proper functioning of the thermometer is tested automatically each time it is turned on. If a malfunction is detected (measurement inaccuracy), this is indicated by 《ERR》 on the display, and a measurement becomes impossible. In this case, the thermometer must be replaced.

BATTERY REPLACEMENT

When the 《 》 symbol appears in the lower right of the display, the battery is exhausted and needs replacing. For the battery replacement please remove the compartment lid of the thermometer. Replace the exhausted battery by positioning the + at the top. Make sure a battery of the same type is on hand. Batteries can be purchased at any electrical goods shops. For battery disposal please refer to 《safety instructions》.

USING THE THERMOMETER

During a measurement, the current temperature is displayed continuously. The 《 °C 》 symbol flashes during this period of time. If the signaling tone sounds (beep-beep-beep 10 times) and the 《 °C 》 is no longer flashing, this means that the measured temperature already reached to a stable level, completed measurement, thermometer is ready for reading. To prolong the life of the battery, turn it off after use by pressing the operating button briefly, otherwise the thermometer will automatically turn off after about 10 minutes.

STORAGE OF MEASURED VALUES

This device stores the last reading automatically. When you turn on the device, it displays the last reading automatically right after the display check.

MEASURING METHODS

In the mouth (oral)

Position the thermometer in one of the two pockets under the tongue, to the left or right of the root of the tongue, The measuring sensor must be in good contact with the tissue. Close your mouth and breath evenly through the nose to prevent the measurement from being influenced by inhaled/exhaled air.

Approx. measuring time: 20 seconds.

In the anus (rectal)

This is the most reliable measuring method, and is especially appropriate for infants and small children. Carefully insert the tip of the thermometer 2 to 3 cm into the anal aperture.

Approx. measuring time: 10 seconds.

In the armpit (axillary).

From a medical viewpoint, this method will always provide inaccurate readings, and should not be used if precise measurements are required.

Approx. measuring time: 30 seconds.

CLEANING AND DISINFECTING

The thermometer is 100% waterproof. You can clean it by washing with soap and warm water or by wiping it with 70% isopropyl alcohol. Then wipe dry with a soft, clean cloth.

DO NOT BOIL OR CLEAN IN THE DISHWASHER. This will damage your thermometer and will void the warranty.

Note: Any other cleaning solution, dilution or cleaning method can cause a malfunction of the thermometer!

	TECHNICAL SPECIFICATION
Type	Maximum thermometer
Measuring range	32.0°C~ 42.9°C Temp.<32.0°C: display "Lo" for low Temp.>42.9°C: display "Hi" for high
Resolution	0.1°C
Accuracy	± 0.1°C for measuring range 35.5°C ~ 42.0°C ± 0.2°C for other measuring range
Response time(in water bath)	23±2°C → 37±2°C, within 15 seconds
Measurement time	Oral: 20±5 sec. Underarm: 30±5 sec. Rectal: 10+5 sec. (for reference only, it differs from people to people)
Power source	One 1.5V battery, type LR41, 192, SR41, 392 or equivalent
Power consumption	0.15mW(Max.)in the measuring mode
Signaling tone	For signaling that the thermometer is ready to use and that the measurement is completed
Memory function	Turn on the unit it automatically display the last reading for 2 seconds after display check.
Auto Power-Off function	Around 8 min. 40sec. ±1min. after the measurement completed
Waterproof function	The whole unit is resistant to water
Operating temperature	10~40°C, 15~95%R.H. noncondensation
Storage temperature	-20°C to + 60°C
Self-test function	It runs automatically after power on. Display "Err" when system malfunction
Reference to standards	EN12470-3:2000, clinical thermometers ASTM E1112-00 standard

WARRANTY

We grant you a 1 year warranty after the date of purchase. Any damage caused by improper handling shall not be covered by the warranty. Batteries and packaging are also excluded from the warranty. All other damage claims excluded. A warranty claim must be submitted with the purchase receipt.