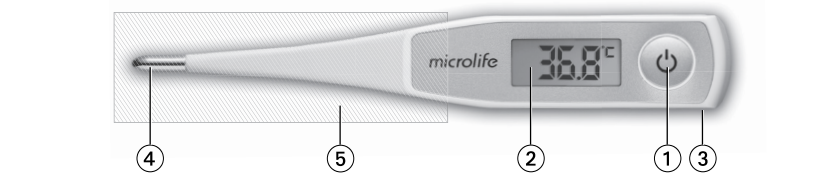


MT 550

IB MT 550 EN-PT-ES-AR 2026-04-06



Description of this thermometer

- ON/OFF button
- Display
- Battery compartment cover
- Measuring sensor
- Cleaning and disinfecting area (thermometer probe only)

Optional accessories

Single use probe cover for hygienic measurement: Microlife probe covers for digital thermometer are available as an accessory. Use probe covers compatible with the device for measurements to avoid cross contamination between measurements and patients. Using a non-compatible probe cover with the device may affect measurement accuracy.

Optional probe cover installation: Insert the thermometer thoroughly into the probe cover and remove the probe cover protection layer. After measurement completed, remove used probe cover and dispose it in accordance with applicable local regulations.

Caution: Do not re-use the probe cover. The probe cover is intended only for single-use to prevent cross-contamination.

Device installation and setup

A battery is pre-installed in the device. When the low battery symbol «**▼**» appears in the display, the battery is flat and needs replacing. Remove the battery compartment cover (3) from the thermometer by using proper instrument. Replace the new battery with the + at the top.

NOTE:

Make sure you have a new battery on hand. For the correct battery type, please refer to the specifications. Keep the battery away from children/infants.

This document provides important product operation and safety information regarding this device. Please read this document thoroughly before using the device and keep for future reference.

Important information

Device description

A digital thermometer is a medical device that utilizes the principles of conductive thermal equivalent between device-body contact and digital signal processing to compute and provide a body temperature measurement.

Intended purposes

The device is intended to measure body temperature.

Intended user

The device is intended to be operated by adults and adolescents with adequate vision, motor functions, and education, capable of understanding the instructions for use and operating general household electrical appliances.

Intended patient

The intended patients are the general population of all ages.

Intended use environment and conditions

The device is intended for use in a home healthcare environment (e.g. general household without medically trained personnel) by patients (e.g. for self-measurement) or by a care giver, and in a professional healthcare facility (e.g. physician office).

Indications

This device measures body temperature for indications of:

- Screening for illness and conditions related to high or low body temperature.

Contra-indications

- The device is not suitable for use on sites with any breached or compromised skin.
- Do not attempt rectal measurements on persons with rectal disorders.

WARNING!

NOTE: Warning items indicate potentially hazardous situations, if not avoided, may result in death, critical or serious injury to the user or patient.

- This device may only be used for the purposes described in this instruction manual. The manufacturer cannot be held liable for damage caused by incorrect use.

- The measurement result of this device is not a medical diagnosis and not intended to substitute consultation and diagnosis by a qualified professional healthcare provider (e.g., physician, pharmacist, or other licensed health-care professionals). Do not use this device for self-diagnosis or for self-treatment of a medical condition. Seek advice from a health-care professional immediately if the patient is clearly unwell and/or having physiological or medical symptoms.
- This product contains a button cell battery. A swallowed button cell battery can cause internal chemical burns in as little as two hours and lead to death. Dispose of used batteries immediately. Keep new and used batteries away from children/infants. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

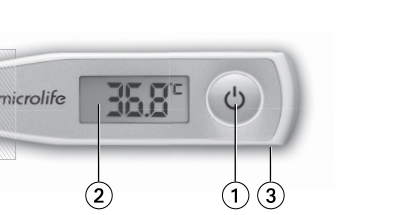
- Do not attempt to measure temperature of the body sites that are not specified in this instruction.
- Ensure that children do not use the instrument unsupervised; some parts are small enough to be swallowed.
- Do not walk or run when taking temperature.
- For safety reasons (risk of rectal perforation) rectal measurement in children younger than 3 years must be performed only by trained health care personnel (professional user). Use another measurement method instead. For rectal fever measurement in small children younger than 3 years, thermometers with a flexible probe are available.
- Professional users must follow the country specific applicable medical devices ordinance.

- CAUTION**

NOTE: Caution items indicate potentially hazardous situations, if not avoided, may result in minor or negligible injury to the user or patient, or damage to the property or environment.

- If the patient temperature is influenced (e.g. incubator, heating blanket) the measurement result provided by this device shall not be used to determine the presence/absence of fever.
- Use of compatible probe cover, or cleaning and/or disinfection of device is recommended before /after measurement to avoid cross

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contamination. Refer to «Cleaning and disinfecting» section for details.

- Do not bite, chew, or bend the device probe excessively.
- Do not use this device if you think it is damaged or notice anything unusual.

Electromagnetic Compatibility Information

- This device is compliant with EN 60601-1-2 Electromagnetic Disturbances standard.

Further documentation in compliance with this EMC standard is available from Microlife on www.microlife.com/electro-magnetic-compatibility.

- Do not use this device close to strong electromagnetic fields and portable radio frequency communication devices (for example microwave oven and mobile devices). Keep a minimum distance of 0.3 m from such devices when using this device.
- This device is not certified to be used in the vicinity of medical equipment including high frequency (HF) surgical equipment, magnetic resonance imaging (MRI) and computerized tomography (CT) instruments.

Adverse events and reporting

Please report any serious incident that has occurred in relation to the device, injury or adverse event to the local competent authority and to the manufacturer or to the european authorised representative (EU REP).

Turning on the thermometer

To turn on the thermometer, press the ON/OFF button (1), a short beep signals «thermometer ON». A display test is performed. All segments should be displayed.

Then at an ambient temperature of less than 32 °C, a «L» and a flashing «°C» appear at the display field (2). The thermometer is now ready for use.

Function test

Correct 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.

Storage of Measured Values

If the ON/OFF button (1) is pressed for more than 3 seconds when turning on the thermometer, the automatically stored maximum temperature during the last measurement will be displayed. At the same time, a «M» for memory will appear on the display. About 2 seconds after the button is released, the temperature value disappears and the thermometer is ready for measurement.

Using the thermometer

Choose the preferred measuring method. When taking a measurement, the current temperature is continuously displayed and the «°C» symbol flashes. If the beep is heard 10 times and the «°C» is no longer flashing, the end-temperature has been determined and the thermometer can be read now.

To prolong the battery life, turn off the thermometer by briefly pressing the ON/OFF button (1). Otherwise the thermometer will automatically turn off after about 10 minutes.

Measuring methods / Normal body temperature

► In the armpit (axillary) / 34,7 – 37,3 °C

Wipe the underarm with a dry towel. Place the measuring sensor (4) under the arm into the center of the armpit so the Measuring sensor is touching the skin and position the patient's arm next to the patient's body. This ensures that the room air does not affect the reading. Because the axillary takes more time to reach its stable temperature wait at **least 5 minutes**, regardless of the beep sound.

► In the mouth (oral) / 35,5 – 37,5 °C

Do not eat or drink anything hot or cold 10 minutes before the measurement. The mouth should remain closed up to 2 minutes before starting a reading. 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 (4) must be in good contact with the tissue. Close your mouth and breathe evenly through the nose to prevent the measurement from being influenced by inhaled/exhaled air. If this is not possible due to blocked airways, another method for measuring should be used.

Approx. measuring time: 10 seconds

► In the anus (rectal) / 36,6 – 38,0 °C

Attention: For the prevention of rectal perforation in children (younger than 3 years), we recommend using another measuring method, or the use of a thermometer with flexible tip. Carefully insert the measuring sensor (4) of the thermometer 1 to 2 cm into the anal aperture. The use of a probe cover and petroleum/petroleum jelly (e.g. Vaseline) is recommended. If you are unsure of this measurement method, you should consult a professional for guidance/training.

Approx. measuring time: 10 seconds

Device error and troubleshooting

Error	Description	Solution
«ERR»	This thermometer has malfunction.	Contact your local Microlife service.
When display with «L» symbol	The temperature is lower than specified measuring range.	Keep taking temperature measurements until the display shows a temperature reading.
When display with «H» symbol	The temperature is higher than specified measuring range.	Cool down the thermometer, then take the temperature measurement.

Device maintenance and disposal

Cleaning and disinfecting

Cleaning the thermometer is recommended before and after use. (Remove the probe cover before cleaning and disinfection, if applicable)

To clean and disinfect the thermometer:

- Select swab or cotton tissue and moisten it with 70% Isopropyl alcohol.

- Wipe the surface of the device from the end of the thermometer probe (5) towards the measuring sensor (4) on both front and back side thrice per swab. Repeat this step to both clean and disinfect the thermometer (use at least two swabs).

Caution: Avoid wiping and immersion of the display area to protect it from fading.

- Dry out the thermometer on a clean paper towel for 1 minute. Check the thermometer is still functionable after cleaning and disinfecting.

NOTE: Consider the application and safety instruction of the disinfectant manufacturer.

Caution: Do not boil, clean in dishwasher or clean in autoclave units. Other cleaning agents or cleaning methods may cause malfunction or damage to the product and will void the warranty.

Storage

When not in use:

Keep the device and accessories in a dry, cool place away from sunlight, with ambient conditions within the temperature and humidity ranges described in the «Technical specifications» section.

Warning: Storing the device **unused** for an extended period without removing batteries increases the chance of battery fluid leakage, which may lead to device damage and skin irritation when in contact. If your eye or skin is exposed to battery fluid, wash the exposed part immediately with ample clean water. Consult a doctor if irritation or discomfort persists.

Calibration and support

The device is calibrated during manufacturing. In general, it is recommended to have the device verified by your local designated Microlife device distributor every two years, or after mechanical impact, liquid ingress, and/or device malfunctions. For questions related to device measurement accuracy, please contact your local designated Microlife device distributor.

Caution: Do not attempt to service or calibrate the device and accessories yourself.

Disposal

This device is medical electrical equipment. Dispose this device and batteries in accordance with the Waste Electrical and Electronic Equipment (WEEE) directive and applicable local regulations. Do not dispose of the device and batteries with domestic or commercial waste.

NOTE: Technical alterations reserved.

Guarantee

This device is covered by a **5 year guarantee** from the date of purchase. During this guarantee period, at our discretion, Microlife will repair or replace the defective product free of charge. Opening or altering the device invalidates the guarantee. The following items are excluded from the guarantee:

- Transport costs and risks of transport.
- Damage caused by incorrect application or non-compliance with the instructions for use.
- Damage caused by leaking batteries.
- Damage caused by accident or misuse.
- Packaging/storage material and instructions for use.
- Regular checks and maintenance (calibration).
- Accessories and wearing parts: Battery.

Should guarantee service be required, please contact the dealer from where the product was purchased, or your local Microlife service. You may contact your local Microlife service through our website:

www.microlife.com/support

Compensation is limited to the value of the product. The guarantee will be granted if the complete product is returned with the original invoice. Repair or replacement within guarantee does not prolong or renew the guarantee period. The legal claims and rights of consumers are not limited by this guarantee.

Specifications and compliance

Technical specifications

Device name:	Digital thermometer
Catalogue number:	MT 550
Model number:	MT1PN1
Operating mode:	Direct mode
Measurement site:	Sublingual, rectal or axillary
Measurement range:	32.0 °C to 43.9 °C Temp. < 32.0 °C: display «L» for low (too low) Temp. > 43.9 °C: display «H» for high (too high)
Measurement accuracy (Laboratory):	± 0.1 °C; 34 °C – 42 °C ± 0.2 °C; 32.0 – 33.9 °C and 42.1 – 43.9 °C
Operating conditions:	10 – 40 °C 15 – 90 % relative maximum humidity 700 – 1060 hPa Atmospheric pressure
Storage and transport conditions:	-20 – +55 °C 15 – 90 % relative maximum humidity 700 – 1060 hPa Atmospheric pressure

Battery:	3V; CR1632
Battery lifetime:	approx. 2000 measurements (using a new battery)

Ingress protection (IP) rating:	IP67: Dust-tight. Protected against the effects of temporary immersion in water.
Dimensions:	138.2±0.5 x 22.1±0.2x 12.6±0.2 mm
Weight:	Approx. 19.3±0.5 g (including batteries)
Expected service life:	5 years or 10000 measurements, whichever comes first

Compliance information

This device complies with the requirements of the Medical Device Regulation (EU)2017/745.

Compliant standards:

EN 60601-1; EN 60601-1-2; EN 60601-1-11; EN ISO 80601-2-56

Symbols and definitions

 Read the instructions carefully before using this device.

 Keep out of reach of children

 Type BF applied part

 Caution

 Medical device

 Catalogue number

 Model number

 Lot number (YYYY-MM-DD; YYYY-MM-DD = Date of manufacture)

 Manufacturer

 Country of manufacture (Date of manufacture if date printed next to symbol)

 CE Marking of Conformity

 Authorized representative in the European Union

 Authorized representative in Switzerland

 Temperature limitation for operating or storage

 Humidity limitation for operating and storage

 Dispose in accordance with waste electrical and electronic equipment (WEEE) directive.

 Importer

 Unique Device Identifier

 Keep away from sunlight

 Single use only

 Patient information website

 Not made with natural rubber latex

 Keep dry

IP67 IP67: Dust-tight. Protected against the effects of temporary immersion in water.

Descrição do termômetro

- Botão ON/OFF
- Visor
- Tampa do compartimento da pilha
- Sensor de medição
- Zona de Desinfecção e limpeza (Apenas sonda do termômetro)

Acessórios opcionais

Tampa da sonda de utilização única para medição higiênica: as tampas da sonda Microlife para termômetro digital estão disponíveis como acessórios. Utilize tampas da sonda compatíveis com o dispositivo para as medições, de modo a evitar a contaminação cruzada entre medições em vários pacientes. A utilização de uma tampa da sonda não compatível com o dispositivo pode afetar a precisão da medição. Instalação opcional da tampa da sonda: Insira bem o termômetro na tampa da sonda e retire a camada de proteção da tampa da sonda. Após a conclusão da medição, retire a tampa da sonda usada e elimine-a de acordo com os regulamentos locais aplicáveis.

Cuidado: NÃO reutilize a tampa da sonda. A tampa da sonda destina-se a ser utilizada uma única vez para evitar a contaminação cruzada.

Instalação e configuração do dispositivo

O dispositivo tem uma pilha pré-instalada. Quando o símbolo de pilha fraca «**▼**» aparecer no visor, indica que a pilha está gasta e precisa de ser substituída. Retire a tampa do compartimento das pilhas (3) do termômetro utilizando um instrumento adequado. Coloque a nova pilha com o símbolo "+" virado para a parte superior.

NOTA: Certifique-se de que tem uma bateria nova à mão. Para saber o tipo de bateria correto, consulte as especificações. Mantenha a bateria longe do alcance de crianças e bebés.

Este documento fornece informações importantes de manuseamento e segurança do produto em relação a este dispositivo. Leia atentamente este documento antes de usar o dispositivo e guarde-o para referência futura.

Informações importantes

Descrição do dispositivo

Um termômetro digital é um dispositivo médico que utiliza os princípios do equivalente térmico condutivo entre o contacto dispositivo-corpo e o processamento de sinais digitais para calcular e fornecer uma medição da temperatura corporal.

Utilização prevista

O dispositivo destina-se a medir a temperatura corporal.

Utilizador previsto

O dispositivo destina-se a ser utilizado por adultos e adolescentes com visão, funções motoras e formação adequadas, capazes de compreender as instruções de utilização e de utilizar aparelhos elétricos domésticos no geral.

Pacientes previstos

Os pacientes previstos são a população em geral de todas as idades.

Ambiente e condições de utilização previstos

O dispositivo destina-se a ser utilizado num ambiente doméstico (por exemplo, em agregados familiares no geral, sem auxílio de pessoal com formação médica), pelos próprios pacientes (por exemplo, para automedicação) ou por um prestador de cuidados em instituições de saúde (por exemplo, num consultório médico).

Indicações

Este dispositivo mede a tensão arterial para a obtenção de indicações de:

- Rastreo de doenças e condições relacionadas com a temperatura corporal elevada ou baixa.

Contraindicações

O dispositivo não é adequado para utilização em quaisquer zonas do corpo em que a pele esteja lesionada ou comprometida.

- Não tente efetuar medições rectais em pessoas com problemas retais.

AVISO!

NOTA: Os itens de aviso indicam situações potencialmente perigosas que, se não forem evitadas, podem resultar em morte, lesões críticas ou graves para o utilizador ou paciente.

- Este dispositivo só pode ser utilizado para as utilizações previstas descritas no presente manual de instruções. O fabricante não pode ser responsabilizado por danos causados pela utilização incorreta.
- O resultado da medição deste dispositivo não é um diagnóstico médico e não se destina a substituir a consulta e o diagnóstico por um profissional de saúde qualificado (nomeadamente, um médico, farmacêutico ou outros profissionais de saúde qualificados). Não utilize este dispositivo para realizar o autodiagnóstico ou o autotratamento de uma condição médica. Consulte imediatamente um profissional de saúde se o paciente estiver claramente indisposto e/ou se apresentar sintomas fisiológicos ou médicos.
- Este produto contém uma pilha tipo "botão". A ingestão de uma pilha tipo "botão" pode provocar queimaduras químicas internas em apenas duas horas e levar à morte. Elimine imediatamente as pilhas gastas. Mantenha as pilhas novas e as gastas longe do alcance das crianças/bebês. Se pensa que as pilhas podem ter sido engolidas ou colocadas em qualquer zona do corpo, consulte imediatamente um médico.
- Não tente medir a temperatura corporal em zonas do corpo que não as especificadas nestas instruções.
- Certifique-se de que não deixa o instrumento ao alcance das crianças; algumas peças são muito pequenas e podem ser engolidas.
- Não ande ou corra durante a medição da temperatura.
- Por razões de segurança (risco de perfuração retal), a medição retal em crianças com idade inferior a 3 anos só deve ser efetuada por profissionais de saúde com formação (utilizador profissional). Utilize outro método de medição. Para a medição da febre por via retal em crianças pequenas com idade inferior a 3 anos, estão disponíveis termômetros com uma sonda flexível.
- Os utilizadores profissionais devem seguir a regulamentação específica do país relativa aos dispositivos médicos.

- mente um profissional de saúde se o paciente estiver claramente indisposto e/ou se apresentar sintomas fisiológicos ou médicos.
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- Os utilizadores profissionais devem seguir a regulamentação específica do país relativa aos dispositivos médicos.

CUIDADO

NOTA: os itens de cuidado indicam situações potencialmente perigosas que, se não forem evitadas, podem resultar em ferimentos ligeiros ou insignificantes para o utilizador ou para o paciente ou em danos materiais ou ambientais.

- Se a temperatura do paciente estiver influenciada (por exemplo, por uma incubadora, um cobertor), o resultado da medição fornecido por este dispositivo não deve ser utilizado para determinar a presença/ausência de febre.
- Recomenda-se a utilização de uma tampa da sonda compatível ou a limpeza e/ou desinfecção do dispositivo antes/após a medição, para evitar a contaminação cruzada. Consulte a secção «Limpeza e desinfecção» para mais informações.
- Não morda, mastigue ou dobre excessivamente a sonda do dispositivo.
- Não utilize este dispositivo se achar que está danificado ou se

