

MT 1961

IB MT 1961 N-V6 2026-07-06



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 medical 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.

Contraindications

- 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 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 «◀» and a flashing «▶» 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.

Using the thermometer

Choose the preferred measuring method. When taking a measurement, the current temperature is continuously displayed and the «◀» symbol flashes. If the beep is heard 10 times and the «▶» 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.

Battery replacement

When the «▽» symbol (upside-down triangle) appears in the display, the battery is flat and needs replacing. To replace the battery remove the battery compartment cover (3) from the thermometer. Insert the new battery with the + at the top. Make sure you have a battery of the same type to hand. Batteries can be purchased at any electrical store.

Reviewing the last measurement

When turning on the thermometer, the last measurement will be displayed with a «▶» for memory.

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

The use of a probe cover and petroleum/petroleum jelly (e.g. Vaseline) is recommended. Carefully insert the measuring sensor (4) of the thermometer 1 to 2 cm into the anal aperture.

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 « ◀ » symbol	The temperature is lower than specified measuring range.	Keep taking temperature measurements until the display shows a temperature reading.
When display with « ▶ » 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 (3) 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 the battery 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.

Guarantee

This device is covered by a **2 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 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
Model number:	MT 1961
Operating mode:	Direct mode
Measurement site:	Sublingual, rectal or axillary
Measurement range:	32,0 °C to 43,9 °C Temp. < 32,0 °C display « ◀ » for low (too low) Temp. > 43,9 °C display « ▶ » 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:	LR41 (1.5V) / SR41 (1.55V) approx. 4500 measurements (using a new battery)
Battery lifetime:	approx. 4500 measurements (using a new battery)
Ingress protection (IP) rating:	IP22: Protected against solid foreign objects of 12,5 mm Ø and greater. Protected against vertically falling water drops when enclosure tilted up to 15°
Dimensions:	125.5x50.5 x 18.5x2.0 x 11.2x2.0 mm
Weight:	Approx. 11x2.0 g (including battery)
Expected service life:	5 years or 10000 measurements

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

NOTE: Technical alterations reserved.

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

UDI

Unique Device Identifier



Keep away from sunlight



Single use only



Patient information website



Not made with natural rubber latex

IP22

Protected against solid foreign objects of 12.5 mm Ø and greater. Protected against vertically falling water drops when enclosure tilted up to 15°

Beskrivelse af dette termometer

- Tænd/sluk-knap
- Display
- Låg til batteri
- Målesensor

- Rengøring og desinfektion af området (kun termometer probe)

Valgfrit tilbehør

Probeovertræk til engangsbrug til hygiejnisk måling: Microlife-sondeovertræk til digitale termometre fås som tilbehør. Brug probeovertræk, der er kompatible med enheden, til målinger for at undgå krydskontaminering mellem målinger og patienter. Brug af et ikke-kompatibelt probeovertræk kan øge risikoen for krydskontaminering. Valgfri installation af probeovertræk: Sæt termometeret grundigt ind i probeovertrækket, og fjern beskyttelseslaget på probeovertrækket. Når målingen er afsluttet, skal du fjerne det brugte probeovertræk og bortskaffe det i overensstemmelse med gældende lokale regler.

Forsigtig: Du må IKKE genbruge probeovertrækket. Probeovertrækket er kun beregnet til engangsbrug for at forhindre krydskontaminering.

Installation og opsætning af udstyret

Et batteri er forudinstalleret i enheden. Når symbolet for lavt batteriniveau «▽» vises i displayet, er batteriet fladt og skal udskiftes. Fjern dækslet til batteri (3) fra termometeret ved hjælp af et passende instrument. Indsæt det nye batteri med + øverst.

BEMÆRK:

Sørg for, at du har et nyt batteri ved hånden. For den korrekte batteritype, se venligst specifikationerne. Hold batteriet væk fra børn/spædbørn.

Dette dokument indeholder vigtige informationer om betjeningen af denne enhed samt sikkerhedsoplysninger. Vær venligst dette dokument grundigt, inden du bruger enheden, og opbevar det til senere brug.

Vigtig information

Beskrivelse af udstyret

Et digitalt termometer er et medicinsk udstyr, der udfnytter principperne om ledende termisk ækvivalens mellem enhed og kropskontakt og digital signalbehandling til at beregne og give en måling af kropstemperaturen.

Tilknækt formål

Udstyret er beregnet til at måle kropstemperaturen.

Tilsligt bruger

Udstyret er beregnet til at blive betjent af voksne og unge med tilstrækkelig synsevne, motorisk funktion og uddannelse, som er i stand til at forstå brugsanvisningen og betjene almindelige elektriske husholdningsapparater.

Tilsligt patient

De tilkæntede patienter er den generelle population i alle aldre.

Tilsligt brugsmiljø og betingelser

Udstyret er beregnet til brug til sundhedspleje i hjemmet (f.eks. en almindelig husholdning uden medicinsk uddannet personale) af patienter (f.eks. til egenmålning) eller af en omsorgsperson samt i en professionel sundheds-facilitet (f.eks. lægeklinik).

Indikationer

Dette udstyr måler blodtryk til følgende indikationer:

- Screening for sygdomme og tilstande, der er relateret til forhøjet eller lav kropstemperatur.

Kontraindikationer

- Udstyret er ikke egnet til brug på steder med beskadiget eller kompromitteret hud.
- Forsøg ikke at foretage rektale målinger på personer med rektalidolejer.

ADVARSEL!

BEMÆRK: Advarselssymptomer angiver potentielt farlige situationer som, hvis de ikke undgås, kan resultere i dødsfald, kritisk eller alvorlig tilskade-komst af brugeren eller patienten.

- Dette udstyr må kun bruges til de tilsligtede anvendelser, der er beskrevet i denne vejledning. Fabrikanten kan ikke holdes ansvarlig for skader forårsaget af ukorrekt anvendelse.
- Dette udstyr må kun bruges fra dette udstyr. Det er ikke en medicinsk diagnose og må ikke bruges som erstatning for passende konsultation og diagnosticering af kvalificeret sundhedspersonale (f.eks. læge, apotekspersonale eller andre kvalificerede sundhedspersoner). Brug IKKE dette udstyr til selvdiagnostisering eller egenbehandling af en medicinsk tilstand.

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 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.

- Forsøg ikke at måle temperaturen på steder på kroppen, som ikke er angivet i denne vejledning.
- Sørg for at barn ikke anvender apparatet uden opsyn, da nogle dele er små nok til at kunne blive slugt.
- Gå eller løb ikke, når du tager temperaturen.
- Af sikkerhedsmæssige årsager (risiko for rektalperforation) må rektalmåling hos børn under 3 år kun udføres af uddannede sundhedspersonale (professionel bruger). Brug en anden målemetode i stedet. Til rektalmåling af feber hos små børn under 3 år, findes der termometre med en fleksibel probe.
- Professionelle brugere skal følge de landesspecifikke regler for medicinsk udstyr.

CAUTION

BEMÆRK: Punkterne under 'Forsigtig' angiver potentielt farlige situationer som, hvis de ikke undgås, kan resultere i mindre eller ubetydelig tilskade-komst af brugeren eller patienten eller skader på ejendom eller miljø.

- Hvis patientens temperatur påvirkes (f.eks. kuvsue, varmeteppe) må måleresultatet fra denne enhed ikke bruges til at bestemme tilstedeværelse/fravær af feber.
- Det anbefales at bruge et kompatibelt probeovertræk eller at rengøre og/eller desinficere udstyret før/efter måling for at undgå krydskontaminering. Der henvises til «Rengøring og desinfektion» afsnittet for detaljer.
- Undgå at bide, tygge eller bøjse enhedens sonde for meget.
- Brug ikke denne enhed, hvis du mener, den er beskadiget eller bemærker noget usædvanligt.

Oplysninger om elektromagnetisk kompatibilitet

Denne enhed er i overensstemmelse med EN 60601-1-2 Elektromagnetiske forstyrrelser standard.

Yderligere dokumentation i henhold til EMC-standard kan fås hos Microlife på www.microlife.com/electro-magnetic-compatibility.

- Brug ikke denne enhed tæt på stærke elektromagnetiske felter og bærbare radiokommunikationsenheder (f.eks. mikrobølgeovn og mobile enheder). Hold en afstand på mindst 0,3 m fra sådanne enheder, når du bruger denne enhed.
- Dette udstyr er ikke certificeret til at blive brugt i nærheden af medicinsk udstyr, herunder højfrekvent (HF) kirurgisk udstyr, magnetisk resonans-billedanalyse (MRI) og computertomografi (CT) instrumenter.

Bivirkninger og indberetning heraf

Enhver alvorlig hændelse, tilskadekomst eller bivirkning, der måtte opstå i forbindelse med dette udstyr, skal indberettes til de lokale kompetente myndigheder og til producenten eller dennes autoriserede repræsentant i EU (EU REP).

Termometeret tændes

For at tænde termometeret, trykkes på tænd/sluk-knappen (1) et kort bip angiver «termometer tændt». Der gennemføres en displaytest. Alle symboler bliver vist i displayet.

Ved en omgivelsestemperatur under 32 °C vises «◀» og et blinkende «▶» vises i displayet (2). Termometeret er nu klart til brug.

Funktionstest

Hver gang der tændes for termometeret, kontrolleres det, om det fungerer korrekt. Hvis der konstateres en fejlfunktion (unøjagtig måling), vises dette med «ERR» i displayet og målingen kan ikke gennemføres. I dette tilfælde skal termometeret skiftes ud.

Brug af termometeret

Vælg den foretrukne målemetode. Under målingen vises den aktuelle temperatur konstant og «▶» symbolet blinker. Hvis bippet høres 10 gange og «▶» ikke længere blinker, betyder det, den slut-temperatur er blevet bestemt og termometeret kan blive aflæst. Batteriets levetid forlænges, hvis man trykker på tænd/sluk-knappen (1) efter brug. Ellers vil termometeret automatisk slukke efter omkring 10 minutter.

