



EN English

Introduction

The Digital Medical Thermometer provides quick, highly accurate reading over the human body temperature range. The quality of the thermometer has been verified and conforms to the provisions of the EC council directive 93/42/EEC (Medical Device Directive) Annex I essential requirements and applied harmonized standards. EN 12470-3: 2000 / A1: 2009 Clinical thermometers-Part 3: Performance of compact electrical thermometers (non-predictive and predictive) with maximum device.

Attention: Consult the accompanying documents. Please read this manual carefully before use. Please be sure to keep this manual.

Battery Replacement

Place a new 1.5V D-size button cell battery type SR41 or LR41 or equivalent in the chamber with positive side faced up and negative side faced down.

Display on the LCD

M: Last measured temperature.
When the **M** appears on the bottom right corner of the LCD, the battery is exhausted and needs replacement.

Error message	Problem	Solution
Err	The system is not functioning properly.	Unload the battery, wait for 1 mins and repower it. If the message reappears, contact the retailer for service.
H₁ °C (bi...bi...bi)x10	Temperature taken is higher than 42.9°C (109.2°F).	Take a new temperature via close contact and sufficient rest.
L₀ °C	Temperature taken is lower than 32°C (89.6°F).	Take a new temperature via close contact and sufficient rest.
! :	Dead battery. Battery icon is flashing, can't be measurable.	Suggest to replace the battery.

Cleaning and Disinfection

1. Clean the unit by wiping it with a dry cloth and disinfect the probe with ethyl alcohol.
2. Don't let the unit contact any chemical thinner.
3. Do not soak the display in water.

Caution

• Do not bend, drop or twist the thermometer. It is not shockproof.
• Do not store the unit under direct sunlight, at a high temperature, in high humidity or dust.
• Do not disassemble. See BATTERY REPLACEMENT to replace battery.
• Avoid strong electromagnetic interference such as microwave ovens and cell phones.
• Keep battery away from children. Harmful is swallowed.
• Battery should not be charged or placed into extreme heat as it may explode.
• Remove battery from the thermometer when not in operation for a long time.
• If the unit is stored in an extreme environment before measurement, please make sure it has been firstly adapted in the room temperature, so that the unit can be measured normally.
• Measurement results are for reference only. Contact your physician if you have or suspect any medical problems. Do not change your medications without the advice of your physician or healthcare professional.
• This device may not meet its performance specification if stored or used outside temperature and humidity ranges specified in specifications.
• If this device is used according to the operations instruction, periodic re-calibration is not required. If you still have questions, please send the device to dealers.

• Please do not dispose of the product in the household waste at the end of its useful life. Deposit its place at your local retailer or at appropriate collection points provided in your country.
• High, prolonged fever requires medical attention especially for young children. Please contact your physician.
• For safe reason, during children's temperature measurement, please keep them from crying, walking, talking and any related dangerous activities.
• Usage of the probe cover may result in a 0.1°C (0.2°F) difference from actual temperature.
• To clean the probe before and after using the thermometer to ensure an accurate reading and avoid cross contamination approximately, no matter the probe has been installed or not.
• Do not drink hot or cold fluids, exercise, and smoke or perform other activities prior to a reading. These activities will raise or lower temperature readings when compared to your normal, average temperature.
• Please ensure the close contact between the probe and the armpit of the baby or children.

Specifications
(Measurement Range: 32.0°C~42.9°C (89.6~109.2°F))

Accuracy	=0.1°C (35.5°C~42.0°C) (+0.2°F (95.9°F~107.6°F)); =0.2°C under 35.5°C or over 42.0°C (+0.4°F under 95.9°F or over 107.6°F)
Battery Life	Approx. 1500 times operation or 1 year with 1-2 measurements per day including stand-by mode.
Environmental for using	Temperature: 5~40°C (41°F~104°F), Humidity: 15%~95%RH, 700~1060 hPa
Storage and transportation condition	Temperature: -20~55°C (-4°F~131°F), Humidity: 15%~95%RH, 700~1060 hPa
Waterproof Level	Waterproof
IP Classification	IP22, Protection against harmful ingress of water and particulate matter
Safety classification	II Type BF Applied Part

H₁ °C (bi...bi...bi)x10	Die gemessene Temperatur liegt über 42.9°C (109.2°F).	Nehmen Sie nach 6 Sekunden eine neue Temperaturnmessung vor.
L₀ °C	Die gemessene Temperatur liegt unter 32°C (89.6°F).	Nehmen Sie nach 6 Sekunden eine neue Temperaturnmessung vor.
Erschöpfte Batterie:	Das Batteriesymbol blinkt, und es können keine Messungen mehr durchgeführt werden.	Ersetzen Sie die Batterie.

Reinigung und Desinfektion	1. Reinigen Sie das Gerät, indem Sie es mit einem trockenen Tuch abwischen und die Messsonde mit Ethylalkohol desinfizieren. 2. Das Gerät darf nicht mit chemischen Verdunstungsmitteln in Kontakt kommen. 3. Tauchen Sie das Display nicht in Wasser ein.
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Vorsicht

- ⚠ Lassen Sie das Thermometer nicht herunterfallen und verbiegen Sie es nicht. Das Gerät ist nicht stoffsfest.
- Bewahren Sie das Gerät nicht in direktem Sonnenlicht, bei hoher Temperatur, hoher Luftfeuchtigkeit oder Staub auf.
- Bauen Sie das Gerät nicht aus, um die Batterie zu entfernen.
- Vermeiden Sie den Einfluss starker elektromagnetischer Störungen, beispielsweise von Mikrowellengeräten oder Mobiltelefonen.
- Halten Sie die Batterie von Kindern fern. Gefahr beim Verschlucken.
- • Bauen Sie das Gerät nicht aufgedreht oder extrem Hitze ausgesetzt werden, da sie dann explodieren kann.
- Nehmen Sie die Batterie aus dem Thermometer, wenn Sie es längere Zeit nicht verwenden.
- Wenn das Gerät bei einer Temperatur nahe des Gefrierpunkts gelagert wurde, warten Sie vor Verwendung bis das Gerät sich an die Zimmertemperatur angepasst hat.
- Gehen Sie zum Arzt, wenn Sie gesundheitliche Beschwerden haben oder vermuten!
- Ändern Sie Ihre Medikation nicht ohne Konsultation Ihres Arztes bzw. Mediziners.
- Die technischen Daten dieses Messgeräts sind nur gewährleistet, wenn es innerhalb der in den technischen Daten angegebenen Grenzen für Temperatur und Luftfeuchtigkeit gelagert bzw. verwendet wird.

The TG380 is intended for use in the electromagnetic environment specified below. The customer or the user of the TG380 should assume that it is used in such an environment.

Immunity test IEC 60601-1

Compliance level Electromagnetic environment guidance

Electro-
magnetic
interference(ESD)
+ 6 kV contact
+ 6 kV air
IEC 60000-4-2

Electrical fast transient/
burst (IEC 61000-4-5)
+ 10 V power supply lines
+ 10 V signal lines (100 ns)

Voltage dips,
short interruptions
and voltage variations
on power supply
lines (IEC 61000-4-11)

Power frequency
magnetic field
(IEC 61000-4-8)

NOTE! At the m.a.s.m. voltage prior to application of the test level.

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Immunity test IEC 60601-1

Compliance level Electromagnetic environment guidance

Conducted RF
IEC 61000-4-6
3 Vrms

Radiated RF
IEC 61000-4-3
3 Vm

NOTE! At 180 MHz and 800 MHz, the higher frequency range applies.

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