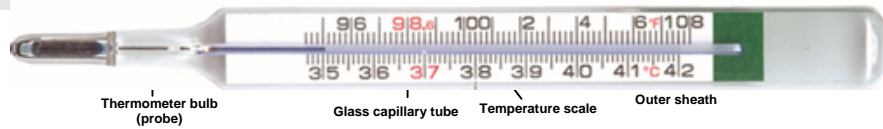


THE PARTS OF THE UNIT



SPECIFICATIONS

Minimum measuring range: 35.5 °C – 42.0 °C

Resolution: 0.1 °C

Accuracy: +0.1 °C / -0.15 °C

Operating conditions: Temperature: -15 °C - 42 °C

Storage conditions: Temperature: -15 °C - 42 °C

Quality guarantee: Medical liquid-in-glass thermometers without any mercury are analog maximum thermometers. They are used to measure the body temperature of a person. Our thermometers are manufactured and tested in accordance with the requirements of

- the EU Directive 93/42/EEC of the European Council as of 14 June 1993 regarding medical products

- the DIN EN standard No 12470-1:2000, Medical thermometers, part 1: glass thermometers filled with a metallic fluid featuring a maximum device

A quality management system that is certified according to DIN EN ISO 9001:2000 and DIN EN ISO 13485 guarantees compliance with the required quality criteria.

The month of production is applied by means of laser to the back of the outer sheath of the thermometer.

GALINSTAN – A NEW NON-TOXIC MEASURING LIQUID

The mercury-free thermometer, Geratherm classic, was developed by Geratherm Medical AG and contains a patented liquid comprising gallium, indium and tin – called galinstan.

Galinstan is completely safe, non-toxic and environmentally friendly as well as is the mercury substitute for medical technology. The measuring liquid galinstan may not come in contact with precious or light metals, since it reacts with these metals. The storage temperature of glass thermometers with galinstan may not fall below -15 °C nor exceed +42 °C.

PRECAUTIONS

1. Do not drop the thermometer or expose it to heavy shock.
2. Do not bend the thermometer or bite the probe.
3. Keep out of reach of unsupervised children.
4. Thermometers with a damaged glass sheath may NOT be used any more (risk of injury).

HOW TO USE

1. Before taking a measurement, make sure that the indicating liquid is below the first mark that is numbered (between 35 °C and 36 °C).
2. Disinfect the glass thermometer before and after using. Please pay close attention to the „Cleaning Instructions“ cited below.
3. Place the thermometer in the appropriate position (axillary, rectal, oral).
4. The fever thermometer needs approx. 4 minutes to measure the body temperature. To read the temperature, rotate the thermometer back and forth slowly. The measuring liquid in the glass capillary tube of the thermometer indicates the measured body temperature on the temperature scale.
5. After the measurement, the thermometer has to be reset. To do so, it is necessary to hold the upper part of thermometer and shake it sharply by flicking your wrist downward about 15 to 20 times to force the liquid back into the bulb.

NOTE: Disinfect the thermometer before using. In hospitals the thermometers should be disinfected by experienced personnel.

RELIABLE METHODS TO MEASURE TEMPERATURE

ORAL

Doctors prefer to take a temperature using oral measurement, since this method provides quick and accurate results. The thermometer bulb (probe) is to be placed underneath the tongue to the left or right of the root in one of the two sublingual pockets. A normal temperature by this method is usually considered 37 °C (measurement period 4 minutes).

RECTAL

The rectal method is the preferred way to measure the temperature of children. To this end, the thermometer bulb (probe) is inserted into the anus (approx. 2 cm). For easy and comfortable insertion you may want to dab some skin creme or baby oil on the tip of the thermometer. STOP if you meet any resistance. A normal temperature by this method is usually considered about 37.6 °C.

If rectal temperature is recommended by your doctor, you may use a probe cover. Insert thermometer into the probe shield. Lubricate the probe cover with a water soluble jelly for easier insertion. Do not use petroleum jelly. Insert tip of probe no more than 1,5 cm (1/2 inch) into rectum (measurement period 4 minutes).

AXILLARY

Use a soft dry cloth to dry the armpit. Place the tip of the thermometer in the armpit and have the patient keep his or her arm held tight to the body. A normal temperature by this method is usually considered about 36.7 °C (measurement period 4 minutes).

NOTE: To avoid any inaccurate readings, make sure that the thermometer is held for at least four minutes.

NOTE: Children should be attended by an adult during the entire process of taking the temperature.

NOTE: All thermometers have been inspected by the manufacturer for compliance with the prescribed measuring error tolerances (+0.1 / -0.15)°C.

If you compare temperatures between two thermometers, it is possible to have two different readings even if both thermometers are within their accuracy tolerances. Differences occur in every measurement.

CLEANING INSTRUCTIONS

The fever thermometer has a hermetically sealed, hygienic glass sheath and is 100% disinfectable. The temperature of the cleaning and disinfecting solution may not exceed 42 °C. When taking a temperature, we recommend exercising the necessary care to prevent a risk of injury.

Before and after each use, clean the glass thermometer by washing with cold water and soap. Disinfect the thermometer using a cotton ball or a washcloth which have been soaked with alcohol or dip the thermometer in an antiseptic solution.

If the thermometer is broken, the leaked liquid can be removed by using a brush, cellulose wadding or washcloth soaked in soap suds. The rest can be disposed of with domestic waste.

LIMITED WARRANTY

This thermometer is guaranteed for two years from the date of purchase against manufacturer's defect under normal, household use. If your thermometer fails to function properly due to defective parts or workmanship, we will replace it free of charge. This warranty covers all parts of the thermometer. However, it does not cover damage caused to your thermometer through improper use.

The thermometer is effective indefinitely – it is not necessary to have it checked!

Manufacturer:
Geratherm Medical AG
Fahrenheitstrasse 1
98716 Geschwenda
GERMANY



MADE IN GERMANY