

⚠ The temperature of the cleaning and disinfection solution must not exceed 42°C. Clod soapy water can be used to clean the glass thermometer before and after use. Disinfect the thermometer using a piece of cotton wool or cloth that has been soaked in alcohol, or dip the thermometer in a disinfectant solution (exposure / immersion time as specified by the disinfectant manufacturer). If the thermometer breaks, any spilled liquid can be removed using a brush, tissue or cloth dampened in soapy water. The broken pieces may be disposed of as household waste.

Warranty

Subject to normal use, the manufacturer grants an unlimited guarantee for the functionality and accuracy of this thermometer (except in the case of breakage of glass). Damage to the thermometer caused by improper treatment is not covered by the warranty.

Re-calibration is not necessary!

First Edition 2018

Symbol index

	Manufacturer
	DATE OF MANUFACTURE
	Follow the instructions
	Caution
	European union authorization representative
	Expiry date
	Max. And min. Temperatures: Store between -15°C and +42°C
	Store in a dry place
	Batch code (mm/yyyy; month/year) On the reverse of the outer casing(applied by means of laser without LOT symbol)
	CE mark
	Fragile: handle with care
	Quantity

Manufacturer: Hangzhou Long Can Liquid Metal Technology Co., Ltd.
Gate 2, No. 18 Zhiren Street, Puyan Street, Binjiang, Hangzhou City,
Zhejiang Province, China
TEL:+86-571-28217812
FAX:+86-571-28217811

Name: Prolinx GmbH
Brehmstr. 56, 40239, Duesseldorf, Germany
Tel: 0049 2131 4051968-0
Fax: 0049 2131 4051968-9

CLINICAL THERMOMETER INSTRUCTIONS
WM | NOMERK
诺麦科

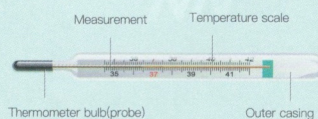
MERCURY-FREE | ECO-FRIENDLY

LONG CAN LIQUID METAL

Clinical
Liquid-in-glass thermometer

WM | NOMERK
诺麦科
Made in china

Parts description



Specifications

Range: 35.5°C to 42.0°C

Resolution: 0.1°C

Accuracy: +0.1°C/-0.15°C

Working Conditions: Temperature: -15°C to 42°C
(It is only possible to measure temperatures that are above the ambient temperature!)

Storage Conditions: Temperature: -15°C to 42°C

Designated Use: Medical liquid-in-glass thermometer for measuring body temperature. Analogue maximum thermometer with liquid meter.

Description: The manufacture and testing of the thermometers is conducted in compliance with the standards

Quality Guarantee: *of EU Council Directive 93/42/EEC concerning medical devices

*of EN 12470-1: 2000+A1:2009 —Clinical thermometers, Part 1 :Metallic liquid-in-glass thermometers with maximum device.
Long Can Liquid Metal is certified in accordance with Council Directive 93/42/EEC, and ISO 13485 and is entitled to affix the CE-mark CE0123 (Notified Body: TUV SUD Product Service GmbH).
Life time: 5 years.

Liquid metal - a new non-toxic measuring fluid - ecofriendly

The mercury-free thermometer has been developed by Long Can Liquid Metal and contains a patented liquid alloy consisting of gallium, indium and tin. Liquid Metal is completely non-toxic and environment-friendly.

⚠ Precautions

1. Do not drop the thermometer or subject it to sudden impacts.
2. Do not bend or bite the tip of the thermometer.
3. Keep the thermometer out of children's reach.
4. Thermometers with a damaged outer casing must not be used (risk of injury).
5. NOTE: Children should be attended by an adult during the entire temperature recording process.
6. The measuring fluid Liquid Metal must not be brought into contact with precious or light metals, since it reacts with these metals.
7. When measuring, please take the necessary care to avoid any danger or injury.

8. Use of this thermometer is not intended as a substitute for visiting your doctor. Persistent fever, especially in children must be treated by a doctor.

Instructions for use

1. Before taking the patient's temperature, check whether the column of liquid is below 36°C.
2. Clean the glass thermometer before and after each use. In doing so, please pay attention to the "Notes on Cleaning" below.
3. Position the thermometer on the body according to the method of measuring to be used (axillary, rectal or oral).
4. After about 4 minutes the thermometer will have reached the body temperature. The measuring fluid in the measurement capillary of the thermometer shows the measured body temperature on the temperature scale.

The temperature can be read off by rotating the thermometer gently to and fro.
5. After measuring , the liquid must be returned to the bottom of the scale. To do this, hold the thermometer as close as possible to the upper and shake it with 15 to 20 rapid wrist movements.
⚠ NOTE: Always disinfect the thermometer before and after use. In hospitals, disinfection must be carried out by experienced personnel.

Reliable methods to measure temperature

ORAL USE – measurement time : min. 4 minutes, normal temperature: approx. 37°C

Doctors prefer oral measurement. It provides fast and accurate results. Place the thermometer bulb (probe) in one of the two heat pockets to the left or right side of the tongue.

RECTAL USE – measurement time : min. 4 minutes, normal temperature: approx. 37.6°C

Rectal measurement is preferred in the case of children. Insert the thermometer bulb (probe) into the anus (approx. 2 cm).

You may use a little skin cream or baby oil on the end of the vessel.

You may use a probe cover for the thermometer. Insert thermometer into the probe cover. Lubricate the probe cover with a water soluble jelly for easier insertion. Do not use petroleum jelly. Insert tip of probe no more than 2 cm into rectum.

⚠ STOP if you meet any resistance.

AXILLARY USE – measurement time : min. 4 minutes, normal temperature: approx. 36.7°C

The axillary measurement method provides less accurate measurements than oral and rectal measurement.

Wipe armpit with a dry towel. Place probe in the patient's armpit and keep the patient's arm pressed firmly against their side.

Notes on cleaning

Thermometer has a hermetical sealed, hygienic glass casing and can be disinfected without restriction.

CE Technical File Mercury-free liquid-in-glass thermometer	File No: LC-TCF-01_6
	Rev. No: A/1

Declaration of Conformity

Manufacturer: **Hangzhou Long Can Liquid Metal Technology Co, Ltd.**
1st Floor, Gate 2, No. 18 Zhiren Street, Puyan Binjiang District,
Hangzhou City, Zhejiang Province, China

European Representative: **Prolinx GmbH**
Brehmstr. 56, 40239, Duesseldorf, Germany

Product Name: Mercury-free liquid-in-glass thermometer

Models: Enclosed-scale(Large, Middle, Small)

umdns code: 14028

Classification (MDD, Annex IX): I m / Rule 1

Conformity Assessment Route: **Annex V** and **Annex V II** of Directive 93/42/EEC

We herewith declare that the above mentioned products meet the transposition into national law, the provisions of the following EC Council Directives and Standards. All supporting documentations are retained under the premises of the manufacturer. We are exclusively responsible for the Declaration of Conformity.

DIRECTIVES

General applicable directives:

Medical Device Directive: COUNCIL DIRECTIVE 93/42/EEC of 14 June 1993 concerning medical devices (MDD 93/42/EEC). Amended by DIRECTIVE 2007/47/EC of 5 September 2007

Harmonised standards: EN ISO 13485:2016, EN ISO 15223-1:2016, EN 1041:2008, EN ISO 14971:2012, EN ISO 10933-1:2010, EN ISO 10993-5:2009, EN ISO 10993-10:2010, EN 12470-1:2000+A1 2009, IEC 62366-1:2015, MEDDEV 2.7.1 Rev 4

Notified Body: TÜV SÜD Product Service GmbH, Ridlerstr. 65,
80339 München, Germany

NB Identification number: 0123

(EC) Certificate(s): G2M 18 05 04051 002

Place, Date of Issue: *Hangzhou 2020.4.10*

Signature:



Name:

Xu Jianli

Position:

Management Representative



Product Service

EC Certificate

Production Quality Assurance System

Directive 93/42/EEC on Medical Devices, Annex V
(Devices in class I with measuring function)

No. G2M 18 05 04051 002

Manufacturer:

**Hangzhou Long Can Liquid Metal
Technology Co., Ltd.**

1st Floor, Gate 2, No.18 Zhiren Street
Puyan Binjiang District
310051 Hangzhou, Zhejiang
PEOPLE'S REPUBLIC OF CHINA



EC-Representative:

Prolinx GmbH

Brehmstr. 56
40239 Duesseldorf
GERMANY

Product Category(ies):

Mercury-free Liquid-in-glass Thermometer

The Certification Body of TÜV SÜD Product Service GmbH declares that the aforementioned manufacturer has implemented a quality assurance system for the manufacture in accordance with MDD Annex V. This quality assurance system covers those aspects of manufacture concerned with the metrological requirements of the respective devices / device categories and conforms to the requirements of this Directive. It is subject to periodical surveillance. See also notes overleaf.

Report No.:

SH18130401

Valid from:

2018-07-13

Valid until:

2023-07-12

Date, 2018-07-13

Stefan Preiß



TÜV SÜD Product Service GmbH is Notified Body with identification no. 0123

Page 1 of 2



Product Service

EC Certificate**Production Quality Assurance System**

Directive 93/42/EEC on Medical Devices, Annex V
(Devices in class I with measuring function)

No. G2M 18 05 04051 002**Facility(ies):**

Hangzhou Long Can Liquid Metal Technology Co., Ltd.
1st Floor, Gate 2, No.18 Zhiren Street, Puyan Binjiang
District, 310051 Hangzhou, Zhejiang, PEOPLE'S
REPUBLIC OF CHINA



Product Service

Certificate

No. Q6 004051 0003 Rev. 00

Holder of Certificate: Hangzhou Long Can Liquid Metal Technology Co., Ltd.

1st Floor, Gate 2, No.18 Zhiren Street
Puyan Binjiang District
310051 Hangzhou, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Facility(ies):

Hangzhou Long Can Liquid Metal Technology Co., Ltd.
1st Floor, Gate 2, No.18 Zhiren Street, Puyan Binjiang District,
310051 Hangzhou, Zhejiang, PEOPLE'S REPUBLIC OF CHINA

See Scope of Certificate

Certification Mark:



Scope of Certificate: Production and Distribution of Mercury-free Liquid-in-glass Thermometer

Applied Standard(s): EN ISO 13485:2016
Medical devices - Quality management systems -
Requirements for regulatory purposes
(ISO 13485:2016)
DIN EN ISO 13485:2016

The Certification Body of TÜV SÜD Product Service GmbH certifies that the company mentioned above has established and is maintaining a quality management system (excluding subclause 7.3), which meets the requirements of the listed standard(s). All applicable requirements of the testing and certification regulation of TÜV SÜD Group have to be complied with. For details and certificate validity see: www.tuvsud.com/ps-cert?q=cert:Q6_004051_0003_Rev.00

Report No.: SH21130401

Valid from: 2021-07-13

Valid until: 2024-07-12

Date, 2021-07-06

Christoph Dicks
Head of Certification/Notified Body

ZERTIFIKAT • CERTIFICATE • 認證證書 • CERTIFICADO • CERTIFICAT



REGISTRUL DE STAT AL DISPOZITIVELOR MEDICALE

Tip	Denumire	Введите текст для поиска...										
I.3. Certificatul CE	Certificat CE	Nr	Denumire	Den.comerc.	Model	Nr. catalog	Tara	Producatorul	Reprezentant	Ordin	Data	Cod vamal
I.2. Declarația de conformitate CE	Declarație de Conformitate CE							HANGZHOU LONG CAN LIC	tehoptimed			
		DM000350448	TERMOMETRU FĂRĂ MERCUR		LICHID, DIN STICLĂ, ENCLOSED-SCALE LARGE		China	HANGZHOU LONG CAN LIQUID METAL TECHNOLOGY CO, LTD.	S.A. TEHOPTIMED	Rg04-000122	23-05-2022	
✓ 🔍 Содержит('Reprezentant', 'tehoptimed') и Содержит('Producatorul', 'HANGZHOU LONG CAN LIQUID...') Очистить												