

Non-Contact Infrared Body Thermometer

This non-contact infrared thermometer is designed for measuring body temperature without physical contact. It offers quick, easy temperature readings while minimizing the risk of cross-contamination.



ADDITIONAL IMAGES



Overview

Professional Non-Contact Infrared Thermometer

This advanced infrared thermometer offers a precise, non-contact method for measuring body temperature by targeting the temporal artery region on the forehead. Designed for efficiency and hygiene, it provides instant readings, minimizing the risk of cross-contamination compared to traditional methods. The device is versatile, capable of measuring body, surface, and ambient temperatures, making it a comprehensive tool for clinical or home health environments.

Key Features

Device Capabilities	Non-contact measurement, 1-second testing, 32 memory data points, High-temperature alarm, Three-color backlight, Multi-mode (Body/Surface/Ambient)
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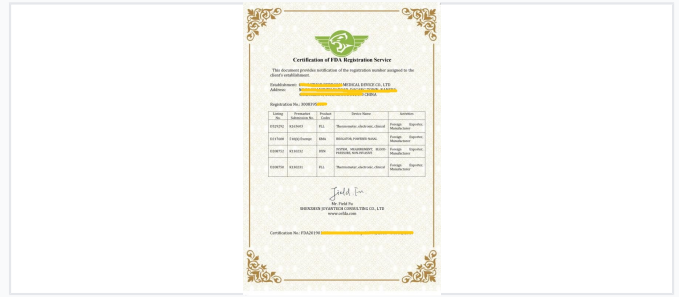
Technical Specifications

Measurement Technology	Infrared arterial temperature measurement (Temporal Artery)
Response Time	1 s
Memory Capacity	32

Compliance & Certification



Official EC Certificate confirming compliance with Directive 93/42/EEC on Medical Devices.



Verification of FDA registration for electronic clinical thermometers.

Certifications

CE Certified (MDD Annex II) • FDA Registered

Reference Data

Advantages of temporal artery (ta) temperature

Infrared arterial temperature can be measured using a device placed on the forehead, in the temporal artery region. It has been demonstrated that this relatively new method of measuring temperature is more precise than tympanic thermometry and better tolerated than rectal thermometry.

The 285-175 thermometer has been designed to produce an instant forehead temperature reading without any contact with the temporal artery. As this artery is quite close to the surface of the skin and therefore accessible and gives the blood flow a permanent and regular, it allows precise measurement of the temperature. This artery is linked to the heart by the carotid artery which is directly linked to the aorta, it forms part of the main trunk of the arterial system. The efficiency, speed and comfort of taking a temperature from this area make it ideal compared with other temperature measurements methods.

Normal temperature according to age

Age	°C	°F
0-2 years	36.4-38.0	97.5-100.4
3-10 years	36.1-37.8	97.0-100.0
11-65 years	35.9-37.6	96.6-99.7
> 65 years	35.8-37.5	96.4-99.5

Practical considerations when taking a temperature

- In order to ensure that precise and accurate temperature measurements are obtained, it is essential that each user has received adequate information and training in the temperature measurement technique when using such a device.
- It is essential to remember that although procedures such as taking a temperature may be simple they must not be trivialised.
- Temperature should be taken in a neutral context. The patient must not have undertaken vigorous physical activity prior to taking higher temperature and the room temperature must be moderate.
- Be aware of physiological variations in temperature which must be taken into

Understanding the benefits of temporal artery thermometry for precise and comfortable temperature readings.

Normal Temperature Ranges by Age

Age Group	Celsius (°C)	Fahrenheit (°F)
0-2 years	36.4-38.0	97.5-100.4
3-10 years	36.1-37.8	97.0-100.0
11-65 years	35.9-37.6	96.6-99.7
> 65 years	35.8-37.5	96.4-99.5