



## CEM DT-8806H Non-Contact Clinical Forehead Infrared Thermometer



SKU: CEMDT8806HWH  
Manufacture warranty period: 12 months  
Country of Origin: China

### Description:

This model DT-8806H Clinical Forehead Infrared Thermometers ensure accurate and stable body temperature readings, which is particular efficient for taking the temperature of new born babies and young children. From a distance of around 5cm, all you have to do is pointing it towards the forehead to read the temperature shown on the LCD screen.

### Safety Conformance

- ASTM E1965-1998
- EN 980: Graphical symbols for use in the labeling of medical devices
- EN 1041: Information supplied by the manufacturer with medical devices
- EN 60601-1: Medical electrical equipment Part 1: General requirements for safety (IEC: 60601-1:1998)
- EN 60601-1-2: Medical electrical equipment Part 1-2: General requirements for safety Collateral standard Electromagnetic compatibility Requirements and test (IEC 60601-1-2:2001)

### Features

- Precise non-contact forehead temperature measurements
- Selectable °C or °F for forehead heat detection
- Selectable Body and Surface temperature
- Set alarm value and sound alarm
- Memorization of the last 32 measurements
- Automatic Data Hold & Auto power off
- Automatic selection range
- Display Resolution 0.1°C(0.1°F)
- Backlit LCD display



## Specifications:

- Range (In body mode):
- 32.0°C to 42.5°C / 89.6°F to 108.5°F
- Range (In Surface mode):
- 0°C to 60°C / 32°F to 140°F
- Resolution: 0.1°C / 0.1°F
- Basic accuracy ASTM E1965-1998(2003):
- 32 to 35.9°C / 93.2 to 96.6°F ( $\pm 0.3^\circ\text{C}/\pm 0.5^\circ\text{F}$ )
- 36 to 39°C / 96.8 to 96.6 to 102.2°F ( $\pm 0.2^\circ\text{C}/\pm 0.4^\circ\text{F}$ )
- 39 to 42.5°C / 102.2 to 108.5°F ( $\pm 0.3^\circ\text{C}/\pm 0.5^\circ\text{F}$ )
- Measuring distance: 5-15cm
- Response time: 0.5 second
- Emissivity: 0.95 fixed value
- Power supply: 2 x 1.5V "AA" battery
- Size (H x W x D): 146mm x 88mm x 43mm
- Weight: 205g

## Standard Certification:

- FDA
- CE 0197
- FC

## Intended Use

Non-Contact Forehead IR Thermometer is designed body surface and forehead temperature measurement for infants and adults without contact to human body. Non-Contact Forehead IR Thermometer can also be used to measure the temperature of a body-bottle or bath, or room temperature using the Surface Temp function.

## Normal Temperature According To Measurement Method

- Rectal temperature: 36.6°C to 38°C / 97.8°F to 100.4°F
- Oral temperature: 35.5°C to 37.5°C / 95.9°F to 99.5°F
- Axillary temperature: 34.7°C to 37.3°C / 94.4°F to 99.1°F
- Ear temperature: 35.8°C to 38°C / 96.4°F to 100.4°F

The temperature of the human body varies throughout the day. It can also be influenced by numerous external factors: age, gender, type and thickness of skin...

## Normal Temperature According to Age

- 0 to 2 years: 36.4°C to 38°C / 97.5°F to 100.4°F
- 3 to 10 years: 36.1°C to 37.8°C / 97.0°F to 100.0°F
- 11 to 65 years: 35.9°C to 37.6°C / 96.6°F to 99.7°F
- >65 years: 35.8°C to 37.5°C / 96.4°F to 99.5°F

## Package includes:

- DT-8806H Thermometer
- 2 x 1.5V AA Batteries
- User Manual



