

DT-8806H Non-Contact Forehead Infrared Thermometer



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General Description

Non-Contact Forehead IR Thermometer is specifically designed to take human body temperature.

Safety Information

- This device must only be used for the purposes described in this instruction manual.
- This device must only be used in an operating temperature range between 10°C to 40°C (50°F to 104°F).
- Do not expose this thermometer to electric shocks. Do not expose this thermometer to extreme temperature conditions of > 50°C (122°F) or < 0°C (32°F).
- Do not use the device in relative humidity higher than 85%.
- Do not use the device near large electromagnetic fields such as found with cordless or cell phones.
- Keep the device away from water and heat, including direct sunlight.
- Do not drop or strike the device, and do not use if damaged.
- Accuracy of measurements may be affected when the forehead is covered by hair, perspiration, or clothing. (See Part 10-4)
- Maintain a measuring distance of 5 cm to 15 cm (2 in to 5.9 in). (See Part 10-4)
- Allow device to acclimate to ambient temperature for 15 to 20 minutes before using.
- Temperature may also be taken behind the ear lobe. (See Part 10-5)
- Clean the device surface with a cotton pad lightly moistened with 70% Isopropyl alcohol.

Important Information

- Before taking temperature remove hair and perspiration from forehead.
- Select "Body" mode to measure body temperature.
- Select "Surface" mode to measure the surface temperature.

- Use of this thermometer is not intended as a substitute for consultation with a physician.
- Should a problem occur with device, please contact retailer.
- Do not attempt to repair the device.
- Follow EMC guidelines for maintaining medical electronic products.

Features

- Precise non-contact measurements
- User selectable °C or °F
- Selectable Body and Surface mode
- Set Alarm value
- Memory holds 32 points of temperature data
- Automatic data hold
- Auto power off
- Automatic selection range and display resolution 0.1°C (0.1°F)
- Backlight LCD display

Intended Use

Non-Contact Forehead IR Thermometer is designed for 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 baby bottle, bath or room temperature (by using the **Surface** mode).

Normal Temperatures According To Measurement Method

Measurement Method	Normal Temp °C	Normal Temp °F
Rectal	36.6 to 38	97.8 to 100.4
Oral	35.5 to 37.5	95.9 to 99.5
Axillary	34.7 to 37.3	94.4 to 99.1
Ear	35.8 to 38	96.4 to 100.4

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

Normal Temperatures According To Age

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