English

Product Datasheet

Stock No: 201-0802

Non-Contact InfraRed Thermometer

1.Features

- Precise non-contact measurements
- User selectable ºC or ºF
- Selectable Body and Surface temp
- Set Alarm value
- Memorization of the last 32 measurements
- Automatic Data Hold & Auto power off
- Display Resolution 0.1ºC(0.1ºF)
- Backlight LCD display

2.Intended Use

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

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 numerous external 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

3.Technical Specifications

Normal Conditions of Use	
Display Resolution	0.1°C (0.1°F)
Operating Temperature	10 to 40°C (50 to 104°F)
Storage Temperature	0 to 50°C (32 to 122°F)
Humidity Rate	⩽85%
Power	DC 3V (2 x "AAA" batteries)
Size	128 x 74x 36 mm / 5x 2.9 x 1.4 in (L x W x H)
Weight	Gross 125.4g / Net 104.5g

Measuring Range	
In Body Mode	32.0 to 42.5°C (90 to 108°F)
In Surface Temp Mod	0 to 60°C (32 to 140°F)
Accuracy	±0.3°C (0.54°F)
Emissivity	Fixed at 0.99
Measuring Distance	1 cm – 10 cm (0.39 in – 3.9 in)
Automatic Stop	7 sec.

Non-contact Body Infrared Thermometer Precision

32 to 35.9°C / 93.2 to 96.6°F	±0.3°C / 0.5°F	According to ASTM
36 to 39°C / 96.8 to 102.2°F	±0.2°C / 0.4°F	Standard E1965-1998
39 to 42.5°C / 102.2 to 108.5°F	±0.3°C / 0.5°F	(2003)