

# Product Specifications

## JXB-178 Non-Contact Forehead Infrared Thermometer

Forehead infrared temperature thermometers ensure accurate and stable body temperature readings.

From a distance of 3 cm - 5 cm (1.2 in - 2 in), simply point the device at forehead and read temperature shown on LCD screen.

<b>Range (Body mode)</b>	32°C to 43°C (89.6°F to 109.4°F)
<b>Range (Surface mode)</b>	0°C to 60°C (32°F to 140°F)
<b>Range (Room mode)</b>	0°C to 40°C ( 32°F to 104°F)
<b>Display Resolution</b>	0.1°C/0.1°F
<b>Operating Temperature</b>	10°C to 40°C (50°F to 140°F)
<b>Storage Temperature</b>	-20°C to 50°C (-4°F to 122°F)
<b>Humidity Rate</b>	≤ 85%
<b>Non-Contact Body IR Thermometer Accuracy ASTM E1965-1998(2009)</b>	±0.3°C (32°C to 34.9°C) ±0.6°F (89.6°F to 94.8°F) ±0.2°C (35°C to 42°C) ±0.4°F (95°F to 107.6°F) ±0.3°C (42.1°C to 43°C) ±0.6°F (107.8°F to 109.4°F)
<b>Measuring Distance</b>	3cm to 5cm (1.2 in to 2 in)
<b>Response Time</b>	1 second
<b>LCD Backlight</b>	<b>Green:</b> < 37.3°C (99.14°F) normal temperature <b>Orange:</b> 37.4°C - 37.9°C (99.3°F - 100.2°F) low fever <b>Red:</b> > 38°C (100.4°F) high fever
<b>Safety Conformance</b>	ASTM 1965-1998 (2009)
<b>Battery</b>	DC 3V 2 x 1.5v AA batteries (not included)
<b>Size</b>	155 mm L x 100 mm W x 40 mm H (6.1 in L x 3.93 in W x 1.57 in H)
<b>Weight</b>	154gr (0.34lbs)



### Model 15007

- Advanced infrared detection system results in reliable and stable measurements.
- Guaranteed for 100,000 measurements
- Selectable °Celsius or °Fahrenheit
- Forehead heat detection
- Selectable Body, Surface or Room modes
- High fever alarm if temperature is more than 38°C (100.4°F).
- Memory holds 32 points of temperature data
- Automatic data hold
- Automatic power off
- Automatic selection range
- Display resolution 0.1°C (0.1°F)
- **Green backlight** indicates normal temperature  
**Orange backlight** indicates low fever  
**Red backlight** indicates high fever
- FDA 510(k) Cleared, CE, FCC, RoHS certified

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## 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
Temporal	35.8 to 37.8	96.4 to 100.04

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

## Intended Use

This Non-Contact Forehead IR Thermometer has been developed by using the latest infrared technology. It measures body temperature by scanning the forehead from a distance of about 3 cm to 5 cm (1.2 in to 2 in). The subject's temperature is displayed within one second, making this an ideal fever screening thermometer for temperature checkpoints.

## Body Mode Backlight

Backlight quickly indicates when temperature is normal, a low fever, or a high fever.



## High Fever Alarm

When temperature is above 38°C, (100.4°F), a continuous alarm will sound to indicate high fever. The default alarm setting of 38°C (100°F) can be adjusted by user.



## Package Includes:

- Model 15007 IR Thermometer
- User Manual



## Model 15112

### IR Holster for 15007

Insulated protective holster provides water resistance and temperature stability for outdoor use

