

No Touch Thermometer® Instant

Infrared Forehead Thermometer

INSTRUCTION MANUAL

Please read this instruction manual before use

ACCESSORIES

- PROTECTIVE STORAGE BAG x 1
- AAA BATTERIES x 2
- INSTRUCTION MANUAL

Model: NT-V01



No Touch Thermometer® Instant

INSTRUCTION MANUAL

THE MANUFACTURER RESERVES THE RIGHT TO ALTER THE SPECIFICATIONS OF THE PRODUCT WITHOUT PRIOR NOTIFICATION

FEATURES

1. The No Touch Thermometer® Instant is specially designed to take the body temperature of humans.
2. The No Touch Thermometer® Instant provides quick and reliable results thanks to its unique, infrared detection system.
3. An alarm will sound if temperature registers above the “normal” range and the screen colour will change to Red indicating “High Temperature” or “Fever Alert”.
4. The unit’s memory can hold the last 32 temperature readings.
5. The unit’s backlit LCD digital screen makes the results easy to read.
6. Temperature can be displayed in either Celsius and Fahrenheit.
7. The unit’s automatic-off feature saves battery life.
8. The unit is small, convenient, and easy to use.

SAFETY PRECAUTIONS

- Follow the maintenance advice stipulated in this instruction manual.
- For professional or personal use.
- Must only be used for the purposes described in this instruction manual.
- Optimal performance occurs when room temperature is between 10°C-40°C (50°F-104°F), do not expose to extreme temperature conditions.
- Keep in a clean, dry area.
- Do not expose this device to electric shocks.
- Functionality decreases when relative humidity is higher than 95%.
- The protective glass over the lens is fragile; handle with care.
 - Do not touch the glass of the infrared lens with bare fingers.
 - Clean the glass with a cotton swab, moistened with alcohol and rubbing lightly.
- Do not expose thermometer to sunlight or to water.
- Take care not to drop the device.
- Should a problem occur with your device, please contact the supplier; do not attempt to repair this device yourself.

It is essential to use the No Touch Thermometer® Instant as noted in this instruction manual. You are therefore advised to read this instruction manual and the safety precautions carefully before use. The No Touch Thermometer® Instant is pre-calibrated, so it is not necessary to calibrate the device when starting it up. However, in order to obtain reliable results, please allow the thermometer to acclimatise to ambient (room) temperature for 15 to 20 minutes before use each time there is a significant change in room temperature.

For maximum accuracy it is also important to allow a one-minute interval between measurements.

HOW THE NO TOUCH THERMOMETER® INSTANT WORKS

All objects solid, liquid or gas emit energy by radiation (energy). The intensity of this energy depends on the temperature of the object. The No Touch Thermometer® Instant is able to measure the temperature of your body by measuring the energy emitted by your body. This measurement is taken by an external temperature probe on the device, which analyses and registers ambient temperature. When the user aims the thermometer at the temple (see below), this activates the radiation (energy) sensor. The temperature measurement is taken instantly by detection of the infrared heat generated by arterial blood flow. Body heat can therefore be measured without any interference from the heat of the surrounding environment.

When to use the No Touch Thermometer® Instant:

- When you have a general interest in monitoring a person's body temperature.
- When you have reason to believe you or someone else is ill.
- When you are recovering from surgery, illness or exhaustion.
- When exercising, hiking or doing strenuous physical activity.
- When travelling and/or when you are under abnormal stress.

NORMAL HUMAN BODY TEMPERATURE RANGE ACCORDING TO AGE

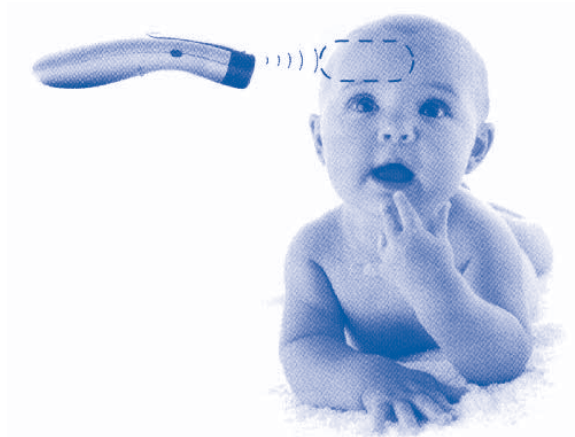
AGE	°C	°F
0-2 years	36.4-38.0	97.5-100.4
3-10 years	36.1-37.8	97.0-100.0
11-65 years	35.9-37.6	96.6-99.7
> 65 years	35.8-37.5	96.4-99.5

HOW TO TAKE A TEMPERATURE

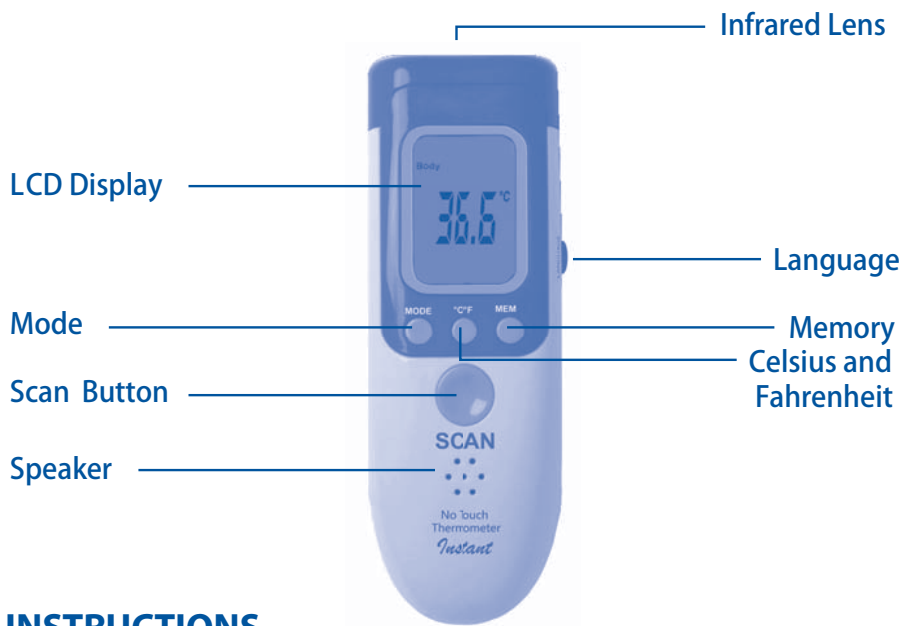
Aim at the FOREHEAD, over the right temple*, holding the unit approximately 3 to 5 cm (for maximum accuracy) from the body. Press the thermometer's measurement button and the temperature is instantly displayed.

*Temperature measurements can be taken from both the left and right temples and behind the earlobes, although the primary and most optimal area is the right temple. The result is the most accurate when the thermometer is at a distance between 3 to 5 cm and no more than 5 cm.

The reliability of the measurement cannot be guaranteed if the temperature is measured from parts of the body that are not recommended (anywhere other than the Right temple or behind the Earlobe.)



BASIC INSTRUMENT LAYOUT



INSTRUCTIONS

1. Install battery.
2. For the first use or when inserting new batteries, wait from 10-15 minutes for the warm-up of the unit. This will allow the unit to become acclimatised to the temperature of the room.
3. Aim towards the temple as described previously, keeping the unit at a distance of 3-5 cm (1.2-2.0 inches) from forehead, and press the Scan button. Results will be displayed and/or spoken in one second.
4. Before taking the temperature, make sure to remove hair and perspiration from the Forehead.

CONFIGURATION AND MENU FUNCTION

1. Setting the mode
 - a. Press **Mode** button, and the screen will display: Body...°C
 - b. Press again and the screen will display: Surface Temp ...°C
 - c. Press again and the screen will display: Room...°C

Note: The thermometer default is set to BODY mode

2. Press the °C/F button to transfer between Celsius and Fahrenheit.
3. Press **Mem** (Memory) button, which will then display the last temperature, and allows for a view of the last 32 measurements taken.
4. Press the Language button to display a choice of three languages, English, French and Spanish, as well as an "off" setting, which will silence the talking feature of the unit.

IMPORTANT:

The surface body temperature differs from the internal body temperature. To obtain the internal temperature always use the "BODY" mode. Please make sure to select "SURFACE TEMP" mode for an external area reading.

5. Changeable background light

When the unit is set at the "Surface" and "Room" modes, the background light is always green. However, when the unit is set at the "Body" mode, the background light will alter depending on the temperature reading: If the reading is under 37.4°C (99.3°F) the background light is **green**. Readings between 37.4°C to 37.9°C (99.3°F to 100.2°F) will change the background light to **orange**, indicating the patient's temperature is elevated above normal. At a reading from 38.0°C (100.4°F) and higher, the patient is considered to have a fever high enough to warrant attention, and the background light will turn **red**.

High Temperature Alarm

The factory default alert is set at 38°C (100.4°F)

Battery Low Voltage Detection

If the battery voltage is less than 2.7V, the No Touch Thermometer® Instant will beep four times and display the battery symbol to remind you to replace the batteries.

Changing the Batteries

When the LCD screen displays "Battery," the batteries should be replaced. Open the lid and change the batteries, taking great care with the correct positioning. A mistake with this could cause damage to the unit and compromise the guarantee of your No Touch Thermometer® Instant.

The Thermometer operates on single-usage batteries only: **do not use rechargeable batteries.**

TECHNICAL SPECIFICATIONS

1. Normal conditions of use
 - Operating room temperature: 10°C - 40°C (50°F - 104°F)
 - Humidity rate ≤ 95%
2. Power: DC3 V (2 batteries AAA)
3. Unit Size: 130x45x55 mm (LxWxH)
4. Unit Weight: 74g(without batteries)
5. Temperature display resolution: 0.1°C (0.1°F)
6. Measuring range:
 - In Body Mode: 32°C - 42.9°C (89.6°F - 109.2°F)
 - In Surface Temp Mode: 0°C - 60°C (32°F - 140°F)
7. Precision: From 36°C - 39°C (96.8°F - 102.2°F) ±0.2°C (±0.4°F)
8. Consumption: ≤ 300mW
9. Accuracy: ± 0.3°C (0.6°F)
10. Measuring distance: 3 cm - 5 cm
11. Automatic stop: 5 secs.

THERMOMETER PRECISION

The No Touch Thermometer® Instant can take temperature readings below 32°C or above 42.9°C (89.6°F to 109.2°F) but accuracy is not guaranteed outside of this range.

LONGEVITY OF THE PRODUCT

The No Touch Thermometer® Instant was designed for an intense, professional use, its longevity is designed for 40,000 readings.

MAINTENANCE OF THE PRODUCT

- The protective glass over the lens is the most important (and most fragile) part of the thermometer. Take care when using, storing, or cleaning.
- Clean the glass with cotton fabric dampened with water or a 70% alcohol solution.
- Do not use other batteries than AAA. Do not use rechargeable batteries
- Do not throw used batteries in fire. Please dispose of used batteries properly.
- Remove the batteries when thermometer is not used for an extended period of time.
- Do not expose the thermometer to water or excessive sunlight.
- An impact may damage the product.

Accessories

1. Protective Storage Bag x 1
2. AAA Batteries x 2
3. Instruction Manual

TROUBLESHOOTING AND WARRANTY

WARRANTY

Limited 12 Month Warranty

This No Touch Thermometer® Instant is guaranteed for 12 months from the date of purchase against any defects that are due to faulty material or workmanship under normal use and in accordance with the Instruction Manual. However, always check battery condition first. The warranty does not cover damage to the thermometer due to improper handling. All parts are covered by this warranty, excluding the batteries.

In order for warranty claims to be honoured, the consumer must provide a purchase receipt to prove date and place of purchase.

The Limited Warranty only applies to consumers who purchased the No Touch Thermometer® Instant in Australia, New Zealand and the South Pacific region.

For all warranty claims, send the No Touch Thermometer® Instant to :

No Touch Thermometers® Australia
11 Evans Street, Burwood, VIC, 3125
Australia

TROUBLESHOOTING

THE SCREEN DISPLAYS **TEMPERATURE LOWER THAN 32°C** :

To take the surface temperature, press the **Mode** button and set the reading to "Surface." If the device is set to the "Surface Temp" mode, the 32°C temperature displayed is showing the external temperature of your body, rather than the internal.

THE SCREEN DISPLAYS THE MESSAGE **HI**

When using the No Touch Thermometer® Instant, the message HI can show on the screen. In this case, the temperature reading is above the measurement range selected, either above 42.9°C in "Body" mode or above 118°C in "Surface Temp" mode.

THE SCREEN DISPLAYS THE MESSAGE **LO**

When using the No Touch Thermometer® Instant, the message LO can show on the screen. In this case, the temperature analyzed is under the measuring range selected, either less than 32°C in "Body" mode or less than 0°C in "Surface Temp" mode. This message displays for various reasons. Please find below a list of the main issues:

Reasons for LO Message display	Advice
Temperature reading hampered by hair or perspiration.	Make sure there is no obstruction or dampness prior to taking temperature
Temperature reading hampered by an air draft or dramatic change in ambient temperature.	Make sure there is no air blowing in the area of use; this could affect the infrared reading.
Temperature readings are too close together, and the thermometer did not have time to reboot.	Pause for 15 seconds minimum between readings; a 1-minute pause is recommended.
The measuring distance is too far.	Take measurements at the recommended distance between 3 and 5 cm.

No Touch Thermometer® Instant

Infrared Forehead Thermometer

INSTRUCTION MANUAL

No Touch Thermometers® Australia
 4/11 Evans Street, Burwood, VIC, 3125, Australia
 Tel: (03) 9888 8771
 Fax: (03) 9888 8220
 Email: sales@notouch.com.au
 Web: www.notouch.com.au

Distributed by ASTS Enterprises (AUST) Pty Ltd.

No Touch Thermometer® is a registered trademark of
 ASTS Enterprises (AUST) Pty Ltd. ABN 31 119 954 004.
 4/11 Evans Street, Burwood, VIC, 3125, Australia.

ARTG 180920