

**NT960V NoTouch Thermometer for animals.
Non-Contact Infrared Thermometer**



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FEATURES

1. The Vet Thermometer Model NT960V is specially designed to take the body temperature of animals by Veterinarians and pet owners.
2. The unit provides quick and reliable results thanks to its unique infrared detection system.
3. An alarm will sound if temperature is exceeded.
4. The unit's memory can hold the last 32 temperature readings.
5. Results are easy to read because of the unit's back-lit LCD digital screen.
6. Data can be displayed in Celsius or Fahrenheit.
7. The unit's automatic-off feature saves battery life.
8. The Thermometer is small, convenient, and easy to use.

SAFETY PRECAUTIONS

• **NOT FOR USE ON HUMANS**

- Follow the maintenance advice stipulated in instructions.
- For professional or personal use.
- Must only be used for the purposes described in the instructions.
- Optimal performance occurs between 15°C-32°C (60°F-90°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 85%.
- Protective glass over the lens is fragile; handle with care.
- Do not touch the glass of the infrared lens with bare fingers.
- Clean glass with cotton bud lightly moistened with alcohol.
- 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 your retailer; do not attempt to repair this device yourself.

It is essential to use the Non-Contact Thermometer in the way it was intended. You are therefore advised to read this instruction manual and the safety precautions carefully before use.

The Thermometer 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 acclimate to ambient (room) temperature for 15 to 20 minutes before use each time there is a significant change in room temperature.**

It is also important to allow a one-minute interval between measurements.

INTRODUCTION

If you suspect an animal is sick, the Thermometer MODEL NT960V can help with early identification of changes in your subjects body temperature. This will allow for quicker medical treatment, resulting in a more favorable outcome. This thermometer can be your first diagnostic tool to help keep your subject healthy. This Infrared Thermometer has been developed using the latest infrared technology. This technology allows your subject's temperature to be taken at a distance of up to 5-8cm away from the underside of the belly. Precise, instantaneous and touch-free, we believe the Infrared Thermometer is the most suitable thermometer for no-risk temperature measurement for animals.

It is essential to use this Infrared Thermometer for properly in order to obtain reliable results. You are therefore advised to read this instruction manual and the safety precautions carefully before use.

The Infrared Thermometer for is pre-set at the factory. It is not necessary to calibrate the device when starting it up. However, in order to obtain reliable results, you are advised to allow the thermometer to acclimate to ambient temperature for 15 to 20 minutes before use each time there is a significant change in environmental temperature. It is also important to allow a one-minute interval between measurements.

HOW DOES IT WORK

HOW THE THERMOMETER MODEL NT960V INFRARED THERMOMETER WORKS

All objects—solid, liquid or gas—emit energy by radiation. The intensity of this energy depends on the temperature of the object. This Infrared Thermometer is therefore able to measure the temperature of an animal by measuring the energy it emits. This measurement can be taken thanks to an external temperature probe on the device that analyzes and registers ambient temperature.

As an operator holds the thermometer near an animal's body and activates the radiation sensor, 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

INDICATIONS FOR USE (DOGS).

Dogs' bodies respond to an internal infection with an increase of body temperature.

Mammals suffer from many similar illnesses and diseases, and are also susceptible to a large range of bacteria and viral illnesses.

Use the NT960V Infrared Thermometer for Dogs:

- When you have reason to believe your dog is sick
- When your dog is recovering from surgery, illness or exhaustion
- When exercising, hiking or doing strenuous physical activity with your dog
- When traveling with your dog and/or when your dog is under abnormal stress.

PRACTICAL CONSIDERATION WHEN TAKING A TEMPERATURE

In order to ensure that precise and accurate temperature measurements are obtained, it is essential that each user has read and understands the instructions for the temperature measurement technique when using such a device

Temperature should be taken in a neutral context. **Your subject must not have undertaken vigorous physical activity prior to taking temperature, and room temperature must be moderate.**

HOW TO TAKE CORRECT TEMPERATURE (Dogs)

1. Place your dog in a comfortable, draft-free space, with the underbelly exposed. Avoid ambient influences such as fans or air conditioning.
2. Push back the hair from the dog's underbelly and wipe away any perspiration or wetness.
3. Aim the infrared lens of the Thermometer at the underbelly of your dog, from a distance of no more than 5cm (2").
4. Press the thermometer's measurement button.
5. Temperature is instantly displayed.
6. Allow a one-minute interval between measurements.

The reliability of the measurement cannot be guaranteed if temperature is measured over

any part of the dog's body other than the underbelly.

Each time there is a significant change in the ambient temperature due to a change in

environment, allow the Thermometer to acclimate to this new temperature for at least 10-15 minutes before use.

**** Please note that the lower part of the belly (inguinal area) naturally reads warmer than the area that is closer to the rib cage.**

POINTS OF INSITE

The best areas (in order of accuracy) for taking a dog's temperature are as follows:

1. Inner ear
2. Upper gum
3. Perianal
4. Abdomen/Inguinal**

MALE



FEMALE



POINTS OF INSITE (CONTINUE)

Temperature is only one part of the many criteria that are necessary to determine whether

a dog is sick. Temperature/heat is one of the cardinal signs used to determine inflammation.

The other signs include pain, swelling redness and loss of function.

The Infrared Thermometer for Dogs can aid in accessing if it is necessary to consult a veterinarian.

Here are some examples of why you should consult your vet if you get a high temperature reading:

- Increased temperature of an inner ear temperature may indicate an ear infection or an aural hematoma
- Increased temperature of a foot (between the toes) could be related to pododermatitis
- Increased temperature at the perianal/perineal area can indicate anal sacculitis

HOW TO TAKE A TEMPERATURE

Aim , holding the unit approximately 5cm (2 inches) from the body. Press the thermometer's measurement button and the temperature is instantly displayed.



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 acclimated to the temperature of the room.
3. Aim towards the desired location, keeping the unit at a distance of 5 cm (2 inches) from the dog, and press the Scan Button. Results will be displayed and/or spoken in one second.

It is recommends that the dog's temperature readings should be taken primarily from the inside of the ear (simply point the unit at the inside of the ear). Depending on the dog, you may choose to use the perenial area, belly, or upper gum (for areas other than the ear, recalibration of the unit may be required – see Key Functions below).

CONFIGURATION AND FUNCTION OF MENU

1. Setting the mode

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

Note: The NT960V 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. The **Language** button to display a choice of three languages, 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 the “BODY” mode for an internal temperature reading and select the “SURFACE TEMP” mode for an external area reading.

High Temperature Alert

The factory default alert is set at 103.4°F.

Battery Low Voltage Detection

If the battery voltage is less than 1.8V, the Thermometer will beep four times and display the 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 Infrared Thermometer.

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

TECHNICAL SPECIFICATIONS

1. Normal conditions of use

- Operating temperature: 10°C - 40°C (50°F - 140°F)
- Humidity rate: ≤ 85%

2. Power: DC3 V (2 batteries AAA)

3. Size: 196 x 150 x 50 mm - 7.7 x 5.9 x 1.9 in (L x W x H)
4. Unit Weight: 220g
5. Temperature display resolution: 0.1° F (0.1°C)
6. Measuring range:
 - In Body Mode: 32°C - 42.9°C (90°F - 109°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/F
8. Consumption: 50mW
9. **Accuracy: ± 0.3°C (0.54 F)**
10. Measuring distance: 5 cm -8 cm (2 in - 3.14 in)
11. Automatic stop: 5 sec.

ABOUT PRECISION

The Infrared Thermometer can take temperature readings below 32°C or above 42.9°C (90°F to 109°F) but precision is not guaranteed outside of this range.

LONGEVITY OF THE THERMOMETER

The Thermometer MODEL NT960V was designed for an intense and professional use.

Its longevity is designed for 40,000 readings.

MAINTENANCE

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.

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.

TROUBLESHOOTING

If you have problems while using your thermometer, please refer to this guide to help resolve the problem. If the problem persists, please contact our customer service department on: 03 98888771.

THE SCREEN DISPLAYS **TEMPERATURE HIGHER THAN 95°F:**

The temperature is in Fahrenheit. Change the measurement to Celsius by pressing the Celsius/Fahrenheit button.

THE SCREEN DISPLAYS **TEMPERATURE LOWER THAN 32°C (89.6°F):**

To take the dog's body surface temperature, press the "Mode" button and set to the reading called "Body." If the device is in Surface Temp Mode, the 32°C (89.6°F) temperature displayed is showing the external temperature of your dog's body, rather than the internal.

THE SCREEN DISPLAYS THE MESSAGE **HI**

When using the Thermometer, the message HI can show on the screen. In this case, the temperature is above the measurement range selected, either above 42.9°C (109°F) in Body Mode or below 60°C (140°F) in Surface Temp Mode.

THE SCREEN DISPLAYS THE MESSAGE **LO**

When using the Infrared Thermometer, 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 (90°F) in Body Mode or less than 0°C (32°F) 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 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 one-minute pause is recommended.
The measuring distance is too far	Take measurement at the recommended distance of 5-8cm