

THM010-VT001 Thermometer, Non-Contact Infrared Veterinary User's Manual



MEDIAID INC.

17517 Fabrica Way Suite H
Cerritos, CA 90703 USA
(Tel) 714-367-2848 (Fax) 714-367-2852
Email: info@mediaidinc.com
Website: www.mediaidinc.com

TABLE OF CONTENTS

I. Features	1
II. Safety precautions	1
III. Introduction	1
IV. Abnormal temperature	2
V. Practical considerations when taking a temperature	2
VI. How to take your dog's temperature	2
VII. points of insight	3
VIII. Guide to the THM010-VT001 non-contact thermometer for dogs	3
IX. Instructions	4
X. Configuration and function of menu	4
XI. Changing the batteries	5
XII. Technical characteristics	5
I. Thermometer THM010-VT001 precision	6
ii. Longevity of the product	6
iii. Maintenance of the product	6
iv. Accessories	6
v. Troubleshooting	6

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

I. Features

1. The thermometer THM010-VT001 is specially designed to take the body temperature of a dog.
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 device is small, convenient and easy to use.

II. SAFETY PRECAUTIONS

-NOT FOR USE ON HUMANS!

- Follow the maintenance advice stipulated in instruction.
- For professional or personal use.
- Must only be used for the purposes described in this instruction.
- Optimal performance occurs between 15°C-32°C (59°F-89.6°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 rubbing 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.

III. INTRODUCTION

If you suspect your dog is sick, the THM010-VT001 Thermometer for Dogs can help with early identification of changes in your dog's 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 dog healthy. The THM010-VT001 Infrared Thermometer for Dogs has been developed using the latest infrared technology. This technology allows your dog's temperature to be taken at a distance of up to 3-5cm away from the underside of the belly. Precise, instantaneous and touch-free, the THM010-VT001 Infrared Thermometer for Dogs

is the most suitable thermometer for no-risk temperature measurement for dogs.

It is essential to use the THM010-VT001 Infrared Thermometer for Dogs properly in order to obtain reliable results. You are therefore advised to read this instruction manual and the safety precautions carefully before using.

The THM010-VT001 Infrared Thermometer for Dogs 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 using each time there is a significant change in environmental temperature.

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

IV. ABNORMAL TEMPERATURE

THE NORMAL TEMPERATURES FOR DOGS IS BETWEEN 37.2C(99.0°F) AND 39.4C(102.8°F).

IF YOUR DOG HAS AN ABNORMAL TEMPERATURE We recommend that you contact your veterinary provider.

Mediaid does not take responsibility for the results or actions of non-medical personnel using the THM010-VT001 Infrared Thermometer for Dogs.

V. PRACTICAL CONSIDERATIONS WHEN TAKING 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 dog must not have undertaken vigorous physical activity prior to taking temperature, and room temperature must be moderate.

VI. HOW TO TAKE YOUR DOG'S TEMPERATURE

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 THM010-VT001 Thermometer for Dogs at the underbelly of your dog, from a distance of no more than 3-5cm.
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 THM010-VT001 to acclimate to this new temperature for at least 10-15 minutes before use.

VII. POINTS OF INSIGHT

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**

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



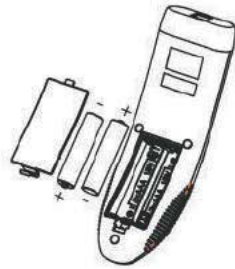
VIII. GUIDE TO THE MEDITEMP-V THERMODOO NON-CONTACT THERMOMETER FOR DOGS

Basic Instrument Layout



IX. INSTRUCTIONS

1. Install battery.
2. For the first usage 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 3-5 cm (1.2-2 inches) from the dog, and press the Scan Button. Results will be displayed and/or spoken in one second. Mediaid recommends that the dog's temperature readings should be taken primarily 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).



X. CONFIGURATION AND FUNCTION OF MENU

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 THM010-VT001 default is set to BODY mode.

2. Press the °C/°F button to transfer between Celsius and Fahrenheit
3. Press Mem (Memoy) 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 the SURFACE TEMP mode for an external area reading.

5. Recalibration of device via the F4 MENU

** Please note: Each breed of dog will have an optimum calibration setting in order to obtain the most accurate temperature reading.

The F4 function will recalibrate the unit. The unit is set for reading from the ear of the dog, Recalibration is necessary if you desire to take the temperature reading from one of the other reading area (perennial area, belly, or upper gum). you must take your dogs temperature using a conventional thermometer and if you see a difference in

the reading , you must recalibrate the unit.

Instruction for recalibration:

Press the "MODE" and "°C/°F" buttons at same time for 3 seconds.

The screen will then display: "F4"


Press "Mode" to increase 0.1°C, Press "°C/°F" to reduce 0.1°C.

Press "MEM" button to save the setting.

High Temperature Alarm

The factory default alarm is set at 39.7°C (103.4°F).

Battery Low Voltage Detection

If the battery voltage is less than 2.7V the THM010-VT001 will beep four times and display the symbol "  " to remind you to replace the batteries.

XI. 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 THM010-VT001 Infrared Thermometer.

Never use rechargeable batteries. Use only batteries for single usage.

XII. TECHNICAL CHARACTERISTICS

1. Normal conditions of use

- Operating temperature : 10° C ~ 40° C (50° F ~ 104° F)
- Humidity rate: $\leq 85\%$

2. Power: DC 3V (2 batteries AAA)

3. Size 141 x 44 52 mm - 5.6x1.4x2.1 in (L x W x H)

4. Weight : 110g

5. 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 to 39° C (96.8° F – 102.2° F) = $\pm 0.2^{\circ}\text{C}$ (0.4°F)

8. Consumption : $\leq 300\text{mW}$

9. Accuracy: $\pm 0.3^{\circ}\text{C}$ (0.6°F)

10. Measuring distance : 3-5cm(1.2in-2in)

11. Automatic stop: 5 sec.

I. THERMODOO MEDITEMP-V PRECISION

The THM010-VT001 Infrared Thermometer can take temperature reading below 32°C or above 42.9°C (89.6°F to 109.2°F) but precision is not guaranteed outside of the range.

ii. LONGEVITY OF THE PRODUCT

The THM010-VT001 was conceived for an intense and professional use. Its longevity is designed for 40,000 readings.

iii. 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 a 70% alcohol solution.
- Do not use other batteries than AAA. Do not recharge non-rechargeable batteries or throw batteries in fire. Please dispose of 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.

iv. ACCESSORIES

- User manual in English
- Protective storage bag
- 2pcs Batteries supplied (AAA)

v. 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.

THE SCREEN DISPLAYS TEMPERATURE HIGHER THAN 42.9°C(109.2°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 THM010-VT001 Thermometer for Dogs, the message "HI" can show on the screen. In this case, the temperature is above the measurement range selected, either above 42.9°C (109.2°F) in Body Mode.

Body

HI

THE SCREEN DISPLAYS THE MESSAGE LO

Body

Lo

When using the THM010-VT001 Infrared Thermometer for Dogs, 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 (89.6°F) in Body 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 measurements at the recommended distance (between 3 and 5cm; 1.2" and 2").



www.mediaidinc.com

