

# VISIOFOCUS<sup>®</sup>

## ANIMAL

06620



EN User manual



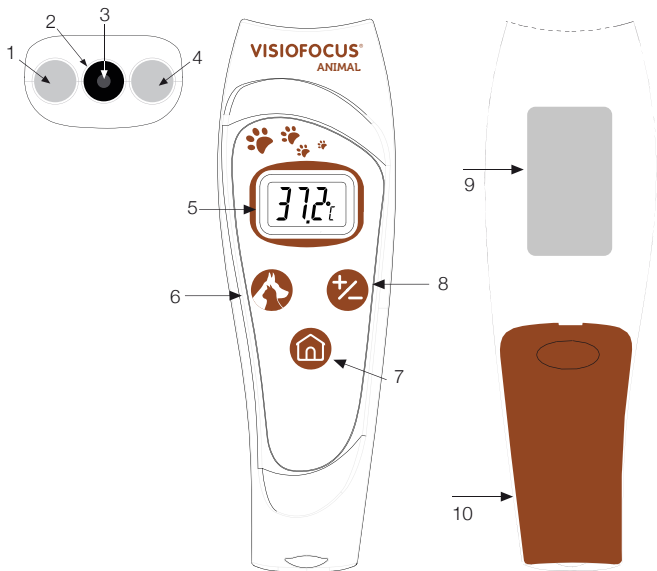
Read these instructions carefully before using the thermometer






CAUTION: read the warnings



Rev. 9/6620-2026-01

**1**

1. Aiming light
2. Waveguide
3. Sensor (at the bottom of the waveguide)
4. Aiming light
5. LCD Display
6. "dog&cat" button  for taking pet's body temperature
7. "doghouse" button  for taking other temperature readings
8. "+/-" button  for adjusting temperature reading
9. Label with serial number
10. Battery door

**INDICATION FOR USE:** VisioFocus® ANIMALis an infrared thermometer intended for intermittent measurement of animal body temperature (intended mainly for dogs, cats and horses).

## 1. INTRODUCTION

Dear Client, thank you for buying VisioFocus® Animal, the non-contact thermometer designed to take your pet's body temperature.

VisioFocus Animal is the evolution of Thermofocus®, the world's first non-contact thermometer meant for human use, and of Thermofocus Animal. With Thermofocus, Tecnimed introduced the non-contact measurement, thus revolutionizing the way temperature is taken.

After revolutionizing and simplifying the way human beings' temperature is taken, Tecnimed has thought of your pets as well, with VisioFocus Animal.

Tecnimed thermometers, designed and produced in Italy and provided with a technology constantly refined and covered by patents, are unsurpassed leaders on the market.

### VISIOFOCUS ANIMAL

Usually, animals' internal temperature is taken by introducing a traditional thermometer in their rectum, a procedure which is invasive and annoying for the animal, and uncomfortable for the person taking the measurement.

VisioFocus Animal is able instead to take your pet's body temperature at a distance and on its eye: without touching its skin, without bothering it, in few seconds and in simple way.

Should the measurement on the eye be not possible, you can take the temperature on an alternative area (par. #4.2), always with no contact and in a non-invasive way. You can search for a point comfortable for both you and your pet.

## 2. WARNINGS



Read these instructions carefully before using the thermometer

### 2.1 Precauzioni

1. Use the thermometer in a draft-free room, having a steady temperature preferably between 16 and 40°C (60.8-104°F). VisioFocus Animal can work also in environments with temperatures till -7 and +55 °C (19.4 to 131°F), but its accuracy is not guaranteed.

2. If the thermometer was stored in another room (or even in a drawer, cabinet, etc.), before using it, run the manual calibration procedure (MQCS, par. #6). Alternatively, without touching the unit, wait 5 minutes for the temperature to stabilize through the AQCS (par. #6).

3. If possible, avoid taking a temperature reading if your pet is in an area with drafts or if it has:

- been moving, walking or running;

- come from a ventilated room or from an area having a temperature different from that of the room where the thermometer is used;
- been exposed to agents that could alter its temperature, e.g. shower, hair-drier, etc.

In all the above cases, wait a few minutes for the pet's temperature to stabilize.

4. The temperature reading is taken in the area included between the two light arches and the semi rectangle. Make sure that this area is fur-free, as much as possible. If necessary, brush any hair away.

5. The temperature reading may be affected by local infections or injuries.

6. The waveguide (see figure 1) is the most delicate part of the device. It is composed of a concave mirror that must be kept clean and intact. Any damage, dust or dirt would alter the temperature reading.

7. Do not handle the thermometer for longer than strictly necessary before taking the reading.

8. Do not use the thermometer in contact with any parts of your pet's body.

9. Do not use the thermometer in contact with objects or liquids, keep it away from sources of heat and out of direct sunlight. Should water seep into the thermometer, contact your Dealer immediately for Technical Service.

10. Do not use the device during or near a phone call with a mobile or cordless telephone or in the presence of strong electromagnetic fields.

11. Avoid knocking and dropping it, and do not use it if damaged or if it does not work properly.

## 2.2 Attention

**1. Failure to observe the above-mentioned precautions (par. #2.1) may lead to very low or very high temperature readings, which cannot be attributed to product malfunction.**

**2. Do not use VisioFocus Animal to take the temperature of human beings.**

3. No harm may be caused when the aiming lights are pointed in the eyes: the beams are totally harmless. They are not lasers but LEDs in compliance with the EN 62471.

4. The unit is a delicate measurement instrument and must not be used by children. It is not a toy. Keep it out of the reach of children or animals or people with limited sensorimotor skills. Small parts can be ingested or inhaled.

5. Using this thermometer may not substitute veterinary consultation. Tell your veterinary which type of thermometer you are using.


6. If your pet's fidgeting makes it difficult to take a correct reading, turn the aiming lights on before bringing the thermometer close to your pet, in order to make the measurement as short as possible or take the reading in one of the alternative zones.

7. Since it never comes into contact with the body, VisioFocus ANIMAL does not require any "disposable" protection covers.

### 3. HOW IT WORKS

VisioFocus Animal detects the infrared radiation coming from your pet's body. Any animals' body is subject to heat dispersion and, according to their race, it is more or less covered with fur and vascularized. The ideal site for a precise measurement of the body temperature at distance is the eye, because it is an area which is not covered with fur and always highly vascularized, and moreover they replicate the actual internal body temperature. (Alternatively, it is possible to take a measurement in other areas, as indicated in par. 4.2).

It is important to remember that **each animal's individual temperature varies** according to the measurement's site and throughout the day, also in response to physical effort. Moreover, the body temperature can be affected by the outdoor temperature and other factors may also come into play.


Therefore, when the "dog&cat"  button is pressed for the body temperature reading, the VisioFocus Animal software automatically applies a correction factor according to the ambient conditions, thus giving a resulting value comparable to your pet's internal temperature.

### 4. HOW TO USE IT

#### 4.1 Body temperature reading: EYE

*Insert batteries as explained in par. #10 and get familiar with VisioFocus Animal: before taking the temperature on your pet, we suggest you practise by aiming the thermometer for example on a hand - par. #4.4).*

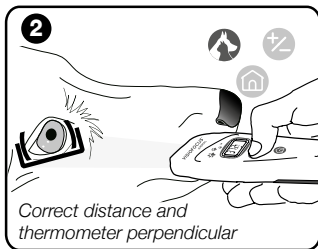
Take your pet's body temperature by proceeding as follows:

- Press the "dog&cat"  button and hold it down, and the following will light up:
  - the display, showing the animal currently selected: dog (**DOG**), cat (**CAT**), horse (**HOR**), other (**OTH**);
  - the aiming lights, which will allow you to find the correct distance; at the same time, the temperature will begin to be shown on the display.

If the animal entered is not the one you want, change it as indicated in paragraph 5. If it is correct, proceed with the measurement:

- Move the thermometer perpendicularly to your pet's eye until you see the two lateral arches around the eye inside the inferior rectangle (fig. 2).

If the thermometer is too far away you will see the arches out of the rectangle (fig. 3), if it is too close you will see the arches out of the rectangle on the other side (fig. 4).



- When you see the arches inside the rectangle (fig. 5), the thermometer is at the right distance.

- Release the button without moving the thermometer for half a second.

- Read the temperature value on the display. If necessary, you may take another reading immediately.

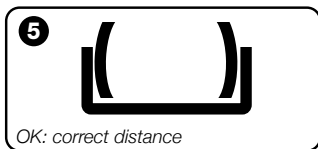
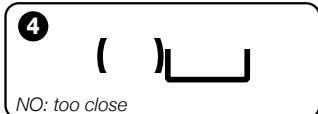
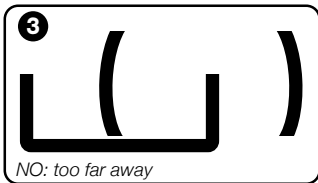
When the thermometer remains idle for 20 seconds, it reverts to stand-by mode and will display the room temperature for 4 hours before shutting off. You may change the related setting by proceeding as described in par. #5.

VisioFocus Animal's aiming lights are totally safe: they are not lasers but simple LED diodes, sometimes used on human beings as well.

**Remember** that if the thermometer was stored in a room different from the one in which the measurement is taken, **before using it**

**you will need to run the manual calibration procedure (MQCS - par. #6) or wait 5 minutes for the thermometer to stabilize without touching it (AQCS, par. #6).**


If your pet comes from outside or from a different room, wait from 10 to 30 minutes (depending on the difference in the rooms temperature) before taking the reading, for your pet's temperature to stabilize.



## 4.2 Body temperature reading: ALTERNATIVE AREAS

Should you find it difficult to take your pet's body temperature on its eye, you can use one of the possible alternative areas.

Rectal area (first recommended alternative area):

lift your pet's tail up and, while keeping the "dog&cat"  button pressed, take a close-up scan horizontally and perpendicularly to the rectal area keeping the thermometer at the correct distance (arches inside the rectangle, fig. 5).

Auricle:

Measurements in this area are usually less accurate and reliable than those taken in the eye or rectal area, and it may not be easy to locate the lights. Just enter the auricle as much as possible, but without touching it, and address the lights toward its bottom.

Gums area:

In this area, too, measurements are usually less accurate and reliable than those taken in the eye or rectal area. Lift your pet's upper lip and take the temperature on its gums (do not use this area immediately after meals).

### 4.3 Calibration alignment

VisioFocus Animal has been set on the basis of results of several tests made on pets and farm animals of different races.

**By default, it includes corrections for measuring the temperature from the eye of dogs, cats, horses.** You can change the type of animal as indicated in paragraph 5, “Changing settings”.

However, it is important to note that **there is no single “normal” temperature that applies to all animals.**

If you select ‘Other,’ you can use it on a different type of animal, but the thermometer may not be calibrated properly. It may therefore be necessary to adjust VisioFocus Animal to your animal and the selected detection area.

Proceed as follows:

- 1) to adjust your thermometer to your pet’s body temperature, make sure:
  - your pet is in good health at that time;
  - your pet is stabilized (it has been for 10-30 minutes in the room in which you are taking its temperature);
  - you know which is your pet’s standard temperature (you may ask your veterinary or, if you are used to, you may take once again its temperature with a traditional thermometer). Otherwise, refer to the following table:

**Tab. 4.3.1**

Tab 4.3.1		
ANIMAL	AVERAGE value in good health conditions	
Dog	38,8°C	101.8°F
Cat	38,7°C	101.7°F
Horse	38,0°C	100.4°F
Rabbit	39,0°C	102.2°F
Goat	39,7°C	103.5°F
Cattle	38,6°C	101.5°F

2) Take the temperature with VisioFocus Animal on the chosen area as indicated in par. #4.1 and #4.2.

3) Should the temperature taken with VisioFocus Animal on the chosen area be substantially different from the standard temperature (as indicated by the veterinary, as measured with a traditional thermometer or as taken from the table 4.3.1), then **you may set VisioFocus Animal temperature** by proceeding as follows:

- take note of the spotted difference: it will be the correction factor;

- press and keep pressed the “+/-”  button; the display will read for two seconds 0.0 (or the possible correction factor which you inserted previously), followed by a flashing 0.0 which will be the starting point for the new correction factor.

- keep the button pressed: after 6 seconds, you will see the settings move increasingly with steps of 0.1°C (0.2°F) from 0.0° to 5.0°C (0.0 to 9°F) and then from -3.0° to +5.0° (-5.4 to 9°F) again;

- when approaching the chosen setting, release and push again the button to slow the speed down, until you see the chosen value.

The thermometer is now ready for use and the new corrective value (which will automatically include any other previous corrective value) will be kept in the device's memory.

Example:

- normal temperature indicated in the table for cat: 38,7°C (101.7°F);

- temperature taken with VisioFocus ANIMAL (including any corrective value previously set): 39,3°C (102.7°F);

- The CURRENT difference is +0,6°C (+1.0°F).

► Insert a corrective value of -0,6°C (-1.0°F)

The correction range is dynamic and will change to maintain the total range of 8.0°C with reference to the correction factor set by the manufacturer.

**This procedure must be performed, ONLY if necessary, at first use and for each kind of animal. For example, if you perform this procedure on a sheep, the correction will be valid for other sheep, but probably not for rabbits.**

You may download the apposite table from the website [www.tecnimed.com](http://www.tecnimed.com): fill it out and keep it as a reference.

#### 4.4 Other readings

VisioFocus Animal may also be used to take the temperature of objects, liquids or other surfaces in the 1-80°C (33.8-176°F) temperature range.

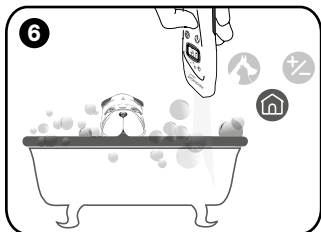
For example:

1. temperature of food, doghouse, bathwater, etc. In the latter case, remember to mix the liquid well before taking the reading (with hot liquids or foods, take the reading quickly to prevent condensation from forming on the waveguide (fig. 1) and wait 30 minutes before taking another reading);

2. room temperature by pointing the thermometer against a wall or a piece of furniture;


3. temperature of a wound, scar, burns, areas with inflammation or with circulations problem. You may also use VisioFocus Animal to check the temperature of stimulated muscles, for instance on racehorses.

These last measurements must be considered as relative rather than absolute values.





If taken on the skin, they will show the difference in temperature between two close or symmetrical areas.

In these cases, the presence of fur, as long as equally spread on the concerned areas, is not critical

Proceed as in the case of a body temperature measurement (par. #4.1), but press the “doghouse” button  (fig. 6).


#### 4.5 Room Temperature


When the thermometer is in stand-by mode, the room temperature, together with the flashing  symbol, remains displayed automatically for 4 hours after the last reading is taken (where set in “Peak Performance” mode).




As alternative, you can take the room temperature by pointing the thermometer against a wall or a piece of furniture, by pressing the “doghouse” button  (see also par.#4.4).

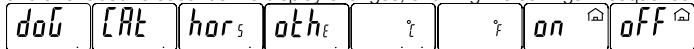
### 5. CHANGE of SETTINGS

VisioFocus ANIMAL can be set to:

- dog (*dog*), cat (*cat*), horse (*horse*), other (*oth<sub>E</sub>*);
- Celsius (°C) or Fahrenheit (°F) degrees;
- “Peak Performance” setting (on : display on for 4 hours after the last reading) or “Energy saving” setting (off : display off after 20 seconds from last reading).

**Your thermometer left the factory set to: “dog”, “°C”, “on” **, but if necessary, you can change the settings by following these steps:

- press and hold both the “+/-”  and “doghouse” :  will appear and after about 5 seconds the display changes, showing the settings in sequence:



- When the desired setting appears, release the button.

NOTES:

- set Oth<sub>E</sub> if you need to measure the temperature of an animal other than a dog, cat or horse, performing the alignment as indicated in paragraph 4.3.
- Only one setting can be modified at a time. Repeat the procedure to change another setting.


## 6. ROOM TEMPERATURE CALIBRATION


If the thermometer is handled for a long time or if it comes from a location having a temperature different from that in which the reading is taken, the device needs to stabilize to the new room temperature.

You may let the device stabilize automatically by leaving it for at least 5 minutes in the room in which the measurement has to be taken without touching the device; a count-down, in minutes and seconds, can also appear indicating the time it takes for the thermometer to stabilize (**AQCS, Automatic Quick Calibration System**).

You have two possibilities:

1. wait the end of the countdown, **without touching the thermometer**; or  
2. run a **MQCS (Manual Quick Calibration System)** as follows:

- aim the thermometer to an internal wall or a piece of furniture close to the area in which your pet is;
- press the "dog&cat"  and

"doghouse"  buttons simultaneously: the symbol CAL will appear on the display (fig. 7).

- Release the buttons: the lights will flash twice **slowly**, and the display will show the room temperature, together with the letters MQCS.

The thermometer keeps this calibration for 15 minutes.

To ensure a reliable temperature reading, during calibration do not aim the thermometer at a surface having a temperature obviously different from the one of the room where your pet is.

If you perform the calibration and take the reading indoor, do not focus the thermometer on external walls, windows, sources of heating or cooling (radiator, air conditioner, lamp, computer, surfaces in contact with the human or the animal body, etc.).

If the measurement is made outdoor you can make the calibration on the floor, no matter if grass, ground, tiles, concrete, asphalt as long as it is in the shade.

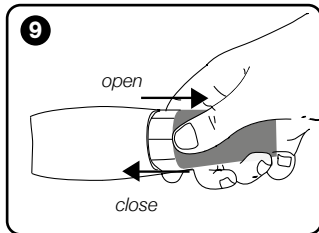
This system enables the thermometer to take sufficiently accurate readings. When the thermometer is in stand-by mode, the "MQCS" letters appear on the display indicating that a manual quick calibration has been performed.

If you see the letters "AQCS" it means that the thermometer has performed an automatic calibration.



## 7. REPLACING the BATTERIES

- Set your thumb in the oval hollow on the back of the unit, press down and slide the battery hatch out as shown in figure 9.
- Remove the battery hatch.
- Remove the old batteries and dispose of them as required in the containers provided for this purpose.
- Insert 4 new AAA - LR03 batteries, preferably Alkaline, carefully complying with the position indicated in their housing.
- To close the hatch, slide it in the opposite direction from which it was opened.



After changing the batteries, let the thermometer stabilize for 20 minutes before taking a temperature reading or perform the MQCS (par. #6).

**Remove the batteries if you do not expect to use the thermometer for a long time.**

## 8. CLEANING

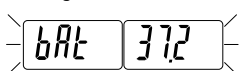
**CLEANING THE WAVEGUIDE:** the thermometer waveguide is delicate and should always be clean. It is therefore recommended to store the thermometer in a clean, dry place, away from dust. However, if you need to clean the waveguide or the sensor at its base, use a cotton swab that has been slightly dampened with alcohol. Remove all dirt and make certain that nothing accumulates at the bottom of the waveguide where the sensor is located. Remove all dirt and make certain that nothing accumulates at the bottom of the waveguide where the sensor is located. Do not use any other objects or liquids as the surface of the waveguide or sensor could easily be scratched or damaged. Never let any excess liquid penetrate into the waveguide and sensor.

**CLEANING THE THERMOMETER BODY:** use a soft cloth dampened with soap and water and possibly re-wipe with a sodium hypochlorite disinfectant.

**DO NOT USE the thermometer for at least 30 minutes after cleaning.**

## 9. MEANING of DISPLAY MESSAGES

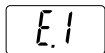
Messages about batteries




**DESCRIPTION:** the letters "bAt" (**bAt**) are shown in alternation with the temperature value.

**PROBLEM:** the batteries are low, but many measurements may be still taken.

**SOLUTION:** obtain new batteries for changing them when the signal E.1 (below) appears.

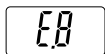


**DESCRIPTION:** “E.1” and the letters “bAt” (  ) appear, or the unit does not turn on at all.

**PROBLEM:** the batteries are dead.

**SOLUTION:** remove the batteries immediately and replace them when necessary (par. #9).

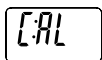
#### Messages about thermometer's stabilization



**DESCRIPTION:** the display shows “E.8”.

**PROBLEM:** the thermometer was moved before the light started flashing, or the area is subject to strong electromagnetic fields

**SOLUTION:** wait half a second before moving the thermometer; ensure there are no mobile or cordless phones nearby.

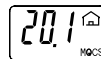


**DESCRIPTION:** the display shows “C:AL” or a countdown (in minutes and seconds).

**PROBLEM:** the thermometer is not stabilised.

**SOLUTION:**

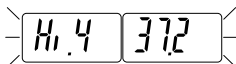
- wait until the AQCS countdown has run its course without touching the thermometer, or
- perform an MQCS (par. #6).



**DESCRIPTION:** when in stand-by, the room temperature displayed is accompanied by “MQCS” or “AQCS”.

**MEANING:** the thermometer has undergone manual calibration (MQCS) or automatic calibration (AQCS).

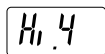
#### Messages about room temperature working range



**DESCRIPTION:** the display shows “Hi.4” and the value alternately.

**PROBLEM:** the room temperature is between 40,1 and 55°C (104.2 and 131°F).

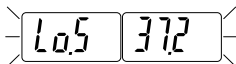
**SOLUTION:** the temperature reading can be taken but accuracy is not guaranteed.



**DESCRIPTION:** the display shows “Hi.4”.

**PROBLEM:** the room temperature is over the device's operative range: 55°C (131°F).

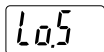
**SOLUTION:** move to another, cooler site and wait for your pet's stabilization.



**DESCRIPTION:** the display shows “Lo.5” and the value alternately.

**PROBLEM:** the room temperature is between -7 and +15.9°C (19.4 and 60.7°F).

**SOLUTION:** the temperature reading can be taken but accuracy is not guaranteed.

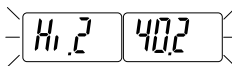


**DESCRIPTION:** the display shows “Lo.5”.

**PROBLEM:** the room temperature is under the device’s operative range:  $-7^{\circ}\text{C}$  ( $19.4^{\circ}\text{F}$ ).

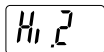
**SOLUTION:** move to another, warmer room, and wait for your pet’s stabilization.

#### Messages about the detected temperature



**DESCRIPTION:** the display shows “Hi.2” and the value alternately.

**MEANING:** ATTENTION! The temperature is  $40^{\circ}\text{C}/104^{\circ}\text{F}$  or more.



**DESCRIPTION:** the display shows “Hi.2”.

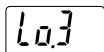
**PROBLEM:**

- if the “dog&cat” button has been pressed: the body temperature appears too high ( $\Rightarrow 44.5^{\circ}\text{C}/112.1^{\circ}\text{F}$ ).

- If the “doghouse” button has been pressed: the surface temperature exceeds the limit for unit operation ( $>80^{\circ}\text{C}/176^{\circ}\text{F}$ )

**SOLUTION:**

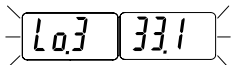
- in the first case, make sure that the instructions have been followed;  
- in the latter case, the temperature reading cannot be taken.



**DESCRIPTION:** the display shows “Lo.3”.

**PROBLEM:** the temperature is under the limit for unit operation ( $<1^{\circ}\text{C}/33.8^{\circ}\text{F}$ )

**SOLUTION:** the temperature reading cannot be taken.



**DESCRIPTION:** the display shows “Lo.3” and the value alternately.

**PROBLEM:** The temperature detected is below  $34^{\circ}\text{C}$  ( $93.2^{\circ}\text{F}$ ). The animal’s body temperature seems too low.

**SOLUTION:** check that the guide wave is not dirty or damaged, and that your pet has not just come from a location with a lower temperature. Otherwise, verify the thermometer’s settings.

## 10. TROUBLESHOOTING

1. The display does not turn on: the batteries are completely dead or incorrectly inserted; replace or reinsert them correctly paying attention to the symbols indicated in their site (par. #7).

2. Two arches are visible out of the inferior rectangle on the measuring area: the unit is not placed at the correct distance; move the thermometer forward or back until you see the rectangle below the two arches (fig. 5).

3. The projection is hard to see: there is too much light in the room, or the measuring area is very dark or covered by fur; cast a shadow over your pet or, in the case of auricle, enter the auricle as much as possible, but without touching it, and address the lights toward its bottom.

4. The waveguide (fig. 1) is damaged or water has seeped into the thermometer: contact your Dealer immediately for technical service or the manufacturer at **info@tecnimed.eu or WhatsApp +39 0332 402350**.

5. The thermometer temperature reading is too low:

- make sure that the warnings (par. #2) have been met;

- check that the waveguide (fig. 1) is not soiled or damaged; if it is, clean it as indicated in par. #8 or contact your Dealer for technical service or the manufacturer at **info@tecnimed.eu or WhatsApp +39 0332 402350**;

- make sure the thermometer is perpendicular to the measuring area (fig. 2);

- set the thermometer (par. # 4.3).

6. The thermometer temperature reading is too high:

- make sure that the warnings have been met (par. #2);

- set the thermometer (par. # 4.3).

7. The thermometer seems to be blocked, does not turn off/does not go on standby or the aiming LEDs remain on after the button is released: reset the thermometer by removing and reinserting the batteries.

## 11. TECHNICAL CHARACTERISTICS

### 11.1 Measuring technical data

Resolution: 0.1

Room temperature working range: from -7 to +55°C (from 19.4 to 131.0°F) <sup>(1)</sup>

<sup>(1)</sup> When the room temperature is lower than 16°C (60.8°F) or higher than 40°C (104.0°F) accuracy and the operating range are not guaranteed and the display shows "Lo.5" or "Hi.4" respectively and the value alternately.

#### Body temperature readings

Measurement range:	
from 34 to 44,5°C (from 93.2 to 112.1°F) <sup>(2)</sup>	
Accuracy:	
<34,0°C / <93.2°F	±1,0°C / ±1.8°F
from 34,0 to 35,9°C / from 93.2 to 96.7°F:	±0,3°C / ±0.5°F
from 36,0 to 39,0°C / from 96.8 to 102.2°F:	±0,2°C <sup>(3)</sup>
from 39,1 to 42,5°C / from 102.3 to 108.5°F:	±0,3°C / ±0.5°F
from 42,6 to 44,5°C / from 108.6 to 112.1°F	±1,0°C / ±1.8°F

#### Other readings

Measurement range:	
from 1,0 to 80,0°C / from 33.8 to 176°F	
Accuracy:	
<32,0°C / <89.6°F:	±1,0°C / ±1.8°F
from 32,0 to 35,9°C / from 89.6 to 96.7°F:	±0,3°C / ±0.5°F
from 36,0 to 39,0°C / from 96.8 to 102.2°F:	±0,2°C
from 39,1 to 42,5°C / from 102.3 to 108.5°F:	±0,3°C / ±0.5°F
from 42,6 to 80,0°C / from 108.6 to 176°F:	±1,0°C / ±1.8°F

<sup>(2)</sup> When the body temperature is below 34°C, the message 'Lo.3' alternating with the value indicates that the temperature detected is too low. When the body temperature is above 40°C, the display shows 'Hi.2' to indicate that the temperature detected is particularly high.

<sup>(3)</sup> The ASTM E1965-98-2009 standard requires ±0,2°C (±0.4°F) accuracy for infrared thermometers in

the 37-39°C (98.6-102.2°F) temperature range while the ASTM E667-86 and E1112-86 standards require  $\pm 0,1^{\circ}\text{C}$  ( $\pm 0.2^{\circ}\text{F}$ ) precision for mercury and electronic thermometers in that same temperature range.

**Ambient temperature** (shown when in stand-by)

Measurement range:	from -7,0 to +55,0°C / from 9.4 to 131.0°F
Accuracy:	$\pm 1,0^{\circ}\text{C}$ / $\pm 1.8^{\circ}\text{F}$

**Range of correction factor:** from -3,0 to +5,0°C (from -5.4 to 9°F)

Range dinamico rispetto al correttivo impostato di default dal produttore.

The correction range is dynamic with reference to the correction factor set by the manufacturer.

## 13.2 General specifications

Power supply: 4 AAA (LR03) alkaline batteries - 1.5 V

- Life of high quality batteries: up to 3 years or 30,000 readings (depending on use)

- Dimensions: mm 138 x 43,5 x 21,5 (5.4 x 1.71 x 0.8 inches)

- Weight: gr. 90 - 3.17 oz (batteries included)

Distance from the subject: calculated using an optical aiming system (approximately 6 cm / 2.3 inches).

- Large, clearly visible display.

- Expected useful life: 10 years.

- Atmospheric pressure range of operating conditions: from 700 hPa to 1,060 hPa.

- Relative humidity range of operating conditions: from 15% to 93%, non-condensing.

- Keep in a clean, dry place, preferably at a temperature ranging between +16 and +40°C (60.8 and 104°F). Store at a temperature not lower than -25°C (-13°F) or higher than +70°C (158°F).

NOTES:

- Internally powered equipment; mode of operation: continuous.

- The VisioFocus ANIMAL LEDs emit low light radiation in compliance with EN 62471.










- VisioFocus Animal is a veterinary medical device. Its measuring system has been clinically tested at veterinary offices and university departments. Clinical studies are available under request.

## 11.3 Declaration of Conformity





Tecnimed srl, P.le Cocchi, 12 - 21040 Vedano Olona (VA) - Italy is the manufacturer of the VisioFocus ANIMAL 06620 non-contact infrared thermometer for animal use.

TECNIMED guarantees that VisioFocus ANIMAL 06620 meets all the provisions applicable in the 2014/35/EU and 2014/30/EU Directives. VisioFocus ANIMAL 06620 has been manufactured following appropriate production processes in accordance with an ISO 9001 and ISO 13485 certified Quality System, with GMP requirements and with the following standards (related to medical devices): EN 60601-1, EN 60601-1-2, EN 60601-1-6, EN 62366, EN 62471, EN 62304, ASTM E1965-98.

## SYMBOLS on the thermometer, its packaging and in this user manual

	Manufacturer		Serial number
	European Conformity mark: this product conforms to European Directives 2014/35/EU and 2014/30/EU		
	Instructions for use		Consult the instructions for use
	CAUTION: read the warnings		Direct current
	Applied part type BF		Keep dry

## Waste disposal

 	Crossed-out wheeled bin (disposal for WEEE and batteries). This product contains electrical and electronic components and batteries that may contain materials which, if disposed with general waste, could be damaging to the environment. Residents of the European Union must follow specific disposal or recycling instructions for this product. Residents outside the European Union must dispose or recycle this product in accordance with local laws or regulations that apply.
	Insert card: paper collection
	Clamshell: plastic collection

## **WARRANTY**

Tecnimed s.r.l. guarantees this product against any lack of conformity for 24 months as of the date of purchase (indicated on the cash register receipt or other fiscal document). Follow the instructions given by your Dealer for the technical service procedures.

This warranty does not cover the batteries and any damage caused by defective or run down batteries or damage to the casing due to carelessness or improper use. The warranty is also voided if:

- the product is tampered with, damaged or used improperly;
- the label on the back bearing the serial number is removed, damaged or rendered illegible;
- the product is opened or repaired by unauthorized personnel;
- the product has been damaged due to non-compliance with the instructions given in this manual.

If Technical Service is required, contact the Manufacturer (**info@tecnimed.eu or WhatsApp +39 0332 402350**), or your Dealer.

In case the Product was purchased through an Online-store, warranty service can only be provided through the Internet Seller, where the product was purchased. In case of any lack of conformity, the product will be either repaired or replaced, as decided by the Manufacturer or Dealer, at their sole discretion. Any repaired or replaced product does not extend the original warranty beyond the period of 2 years from original date of purchase. If, after technical evaluation, the Product is found not to be covered by the terms and conditions of this Warranty (because no lack of conformity is found), Tecnimed reserves the right to charge a handling fee for technical verification and delivery.

Under no circumstance may Tecnimed be held responsible for damages related to the improper use of the product or for costs exceeding the original price of the product.

Product name: **VisioFocus® ANIMAL**  
Model: **06620**

Veterinary medical device, clinically tested

Patents: US 7.651.266, US 8.128.280, US 8,821,010, EP 1.886.106, EP 2577242 (B1), WO 2011/151806A1, US11,022,496, US2021/0341341 A1, EP 4 105 621 A2. Other international patents pending.



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