

VISIOFOCUS[®]

● mini ●
06700



Operating instructions



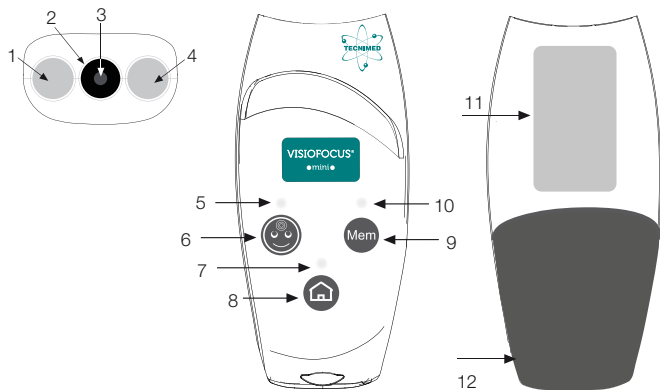
Read these instructions carefully before using the thermometer



CAUTION: read the warnings



Fig. 1



1. Aiming light
2. Waveguide
3. Sensor (at the bottom of the waveguide)
4. Aiming light
5. "FACE" button LED
6. "FACE" button for forehead temperature readings
7. "HOME" button LED
8. "HOME" button for other readings
9. MEMORY button
10. "MEM" button LED
11. Label with serial number
12. Battery door (2 x AAA)

INTENDED USE: VisioFocus® •Mini• is an infrared medical thermometer intended for non-contact measurement of body temperature in children and adults. It can also be used to monitor the temperature of inflammations, ulcers, wounds (e.g. on diabetics and under medical supervision).

1. FOREWORD

Dear Client, thank you for buying VisioFocus •Mini•, the evolution of Thermofocus® - the world's first non-contact thermometer - and of VisioFocus®.

VisioFocus •Mini• is truly easy to use. It is capable of measuring a child or adult's temperature without ever coming into contact with the skin: just bring it close to the forehead, at the distance that the thermometer itself will tell you.

The VisioFocus •Mini• thermometer does not need to be placed in any parts of your child's body. If your baby is sleeping, you can use VisioFocus •Mini• without waking him up; and, if the child is awake, VisioFocus •Mini• will not bother him.

2. WARNINGS



Read these instructions carefully before using the thermometer

2.1 Precautions

1. To avoid reading anomalies, use VisioFocus •Mini• according to this user manual.
2. Use VisioFocus •Mini• in a draft-free room, at a steady temperature between 16,0 and 40,0°C (60.8 and 104.0°F). It can also work if room temperature is in the ranges 10,0-15,9°C (50.0-60.7°F) and 40,1-45,0°C (104.1-113.0°F), but accuracy is not guaranteed - see also par. #13.
3. If the device comes from a room having an ambient temperature different from the one of the room in which you are taking the reading (or even from a drawer, etc.), it needs to be stabilized. Do the MQCS before using it (see par. #8). As alternative, wait at least 5 minutes or the end of the countdown (if any), for the temperature to stabilize through the AQCS (see par. #8), without touching the device.
4. Do not take a temperature reading if the person is sitting in a draft or if the subject has:
 - been walking, running or exercising;
 - come from another room that was ventilated or at a different temperature than the room where the thermometer is used;
 - been wearing a cap, hat or scarf;
 - been exposed to agents that could alter forehead temperature, e.g. shower, shampoo, hair-drier, sponging, etc.

In all the above cases, interrupt the exposition of the subject to these agents and wait a few minutes for the forehead temperature to stabilize.

5. Changing the reading point will bring to different results. Therefore, remember, **always aim the projection on the same spot, precisely at the centre of the forehead** (midway between the top of the nose and the hairline) **and keep the ther-**

momometer perpendicular to the forehead. Do not take measurements on areas other than the centre of the forehead, except for the case at #4.2. **ATTENTION: measurements on areas other than the centre of forehead (e.g. temples, neck, wrists) have not been clinically validated.**

6. The temperature reading is taken in the area where the temperature is projected. Make certain that a 1 cm (0,4 inches) area is free all the way around the temperature projection area: it is of major importance to make sure that this area does not include eyebrows, hair or clothing. If necessary, brush away any hair from the forehead but remember, this must be done a few minutes beforehand or the temperature reading will be higher than the actual body temperature.

7. When taking a temperature reading, please note that in the presence of oils, make-up or an oxygen mask, and in the case of elderly, the temperature detected may be lower than the actual body temperature (see also par. #4.2).

8. The forehead temperature reading can be affected by profuse sweating, superficial wounds or head injury.

9. **Do not use the thermometer on a sweaty forehead**, since the temperature reading would be unreliable. Read the par. #4.2.

10. In the cases at #7, #8, #9, take the temperature reading on the alternative area (read the par. #4.2.).

11. The dark disc at the bottom of the waveguide (fig. 1) is the window of the sensor and the most delicate part of the thermometer. It must be kept clean and intact. Any damage, dust or dirt will alter the temperature reading.

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

13. Do not use the thermometer in direct contact with the ear or other parts of the body.

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

15. Do not use VisioFocus •Mini• on a subject making a call with a mobile or cordless telephone or in the presence of strong electromagnetic fields.

16. Avoid knocking and dropping it, and do not use it if damaged or if not functioning 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's malfunctions.

2. **The aiming lights meet the photo-biological safety requirements outlined in standard EN 62471.** No harm can be caused should the aiming lights be accidentally pointed in the eyes: the beams are harmless!

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

4. Using this thermometer should not substitute medical consultation. Tell your phy-

sician what type of thermometer you are using and in which part of the body the temperature reading was taken.

5. If the child's fidgeting makes it difficult to take a correct reading, first become familiar with the device and, anyway, turn the aiming lights on before bringing the thermometer close to the forehead.

6. When taking your own temperature, use a mirror, or the black screen of a smartphone, or, if you have a child over six years of age, you can teach him how to use VisioFocus •Mini•.

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

8. ATTENTION: any serious incident that occurs in relation to the device should be reported to the manufacturer (info@tecnimed.eu) and the competent authority of your country.

3. HOW IT WORKS


VisioFocus •Mini• detects the infrared radiation coming from the human body.

The forehead is an ideal site for taking a temperature reading, as it is crossed by the temporal artery and in direct contact with the brain. The head is also the first part of the body to change its temperature as a fever rises and falls.

With each temperature measurement, your VisioFocus MINI takes a series of readings a tenth of a second. Its sophisticated microprocessor then amplifies and processes this information along with the room temperature and shows the correct body temperature through the projection.

Please note that that **body temperature varies among individuals: moreover, individual temperature varies according to the measurement's site and throughout the day, also in response to physical or mental effort** (for example a baby's crying). Moreover, the body temperature can be affected by the outside temperature and, depending on the type of reading taken, other factors may also come into play.

Due to heat dispersion from uncovered parts of the body, the actual temperature at the forehead is generally lower than that in covered zones. Therefore, when the

“face”  button is pressed, the VisioFocus •Mini• software automatically applies a correction factor and thus the resulting value is comparable to that given by other more usual temperature reading sites commonly used in the countries where the unit is sold - axillary, oral or rectal reading, or internal temperature reading -, according to the customer's choice. Nevertheless, the reference value can be changed. An “oral” reading is generally 0,2°C (0.4°F) higher than an “axillary” reading while a “rectal” or “internal” reading is 0,8°C (1.4°F) higher (see par. #7).

Remember, the measurement of the body temperature should be taken always at the centre of the forehead (par. #4.1) or at the eyelid (par. #4.2), **no matter what the current setting is:** in fact, the axillary, oral or rectal/internal settings provide a forehead temperature value that is a valid approximation of the axillary, oral or rectal/internal temperature respectively (see par. 7).


The VisioFocus •Mini• temperature reading taken on the forehead of a healthy person

can range between 35 and 37,5°C (95 and 99.5°F), although in an adult it may even be below 35°C (95°F) (in axillary mode).

To correctly judge a fever, you need to know the usual temperatures of your family members when they are in good health condition and at various times of the day. To help you with this, fill out the table "FAMILY MEMBER TEMPERATURES at different times of day and when in good health conditions" and keep it as a reference: <https://www.tecnimed.it/download/Tables.pdf>

4. HOW to USE IT

4.1 Taking the body temperature: FOREHEAD

- At the first use, insert 2 AAA batteries as explained at #9.
- Approach VisioFocus •Mini• to the forehead.
- Press the "face"  button and hold it down. The two aiming lights and the light of the "face" button turn on and you will begin to see the temperature reading, projected onto the forehead between or overlaid to two dots.
- While keeping the VisioFocus •Mini• **perpendicular to the center of the forehead**, move it in or back away from the forehead until the temperature reading is set squarely between the two dots (fig. 2).

If the thermometer is too far away, or too close, the temperature will be partially overlapped to the two dots (fig. 3 and 4).

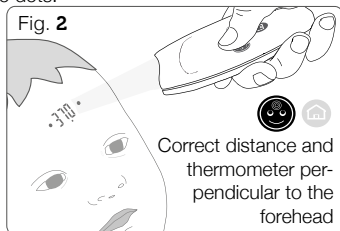


Fig. 3



Fig. 4



- When you see the temperature **in the middle of the two dots** (fig. 5), the thermometer is at the right distance: release the button and keep the device steady while the lights flash.

If necessary, you can immediately take another reading.

Fig. 5



After the measurement, the light of the button used stays on and the projection of the temperature value will remain visible for about 10 seconds, during which, if necessary (as in the case of self-measurement), you can aim the thermometer against another surface to re-read the temperature measured. You will not need to respect the correct distance from the surface: in fact in this case, the thermometer is not taking a temperature, but only projecting the temperature value that has already been detected. For the following 2 seconds the projection will show the current setting (Oral, Rectal, Axilla, or Core - see par. #7) before turning itself off.

4.2 In case of sweating: take the reading on the eyelid

At times, the forehead can show signs of sweat, for example as a fever drops, and this can result in a low reading. Dry the forehead if not enough. In this case, you can take the temperature reading, again at distance on the closed eyelid (fig. 6).


Proceed as you would do for a forehead reading. No need to worry that your child could open its eyes while you are taking the reading: the lights are harmless.

Precision is not guaranteed, but such reading can be considered a valid approximation of one's body temperature. In adults, such reading is also indicated when one has oil or make-up on the forehead; moreover it is also valid for the elderly as well as in case of oxygen mask.



4.3 Readings of skin surface temperature

VisioFocus •Mini• can also scan the skin surface temperature: this can be useful to monitor the temperature of inflammations, ulcers, wounds (for example on diabetic patients and under control of your physician).

Proceed as you would for a forehead reading **but press the “home”**  **button**; the projection will appear on the surface and the light of the “home” button will turn on.

NOTE: skin surface temperature is NOT body temperature. To measure body temperature, proceed as described in par. 4.1.

4.4 Other readings (non-medical use)

VisioFocus •Mini• can also be used to read the temperature of objects, food and liquids in the 1,0-80,0°C (33.8-176.0°F) temperature range.


For example, you can take the temperature of:

- 1 a baby's feed bottle (fig. 8),
2. food,
3. bathwater.

Mix liquids well before taking the reading and, with hot liquids or foods, take the reading quickly to




prevent condensation from forming on the lens and wait 30 min. before taking another reading.



Proceed as you would for a forehead reading **but press the “home”  button**; the projection will appear on the surface and the light of the “home” button will turn on.

After the measurement, the projection of the temperature value will remain visible for about 12 seconds. During this time, should you find it difficult to see the temperature value, (as in the case of transparent, too dark or irregular surfaces, such as bathwater, wine, soup) then, once the button is released, you may address the projection on another light and opaque surface. You will not need to respect the correct distance from the surface: indeed in this case, the thermometer is not taking a temperature, but only projecting the temperature value that has already been detected.


NOTE: this intended use is not subject to assessment by the Notified Body.

5. ROOM TEMPERATURE


The “Mem”  button lets you see the ambient temperature. Proceed as follows:

- Aim the device at any uniform and opaque surface.
- Press once the “Mem”  button: the projection will show the letter “A”  (Ambient) alternating with the ambient temperature value.

6. MEMORY FUNCTION

The “Mem”  button lets you call up the last 9 temperature readings.

Proceed as follows:

- aim the device at any uniform and opaque surface;
- press twice the “Mem”  button: the projection will show the number 1 in alternation to the last temperature taken. The light of the button which had been used for that measurement (green for “face” or orange for “home”) will turn on.


If you push the button again before the memory’s light turns off: the number 2, alternating with the second to last temperature taken will be projected, and the lightening of the used button will turn itself on. And so on.

7. HOW TO CHANGE the SETTINGS

Depending on where it is to be sold, your thermometer leaves the factory as follows:

- preset to Celsius (°C) or Fahrenheit (°F)
- referred to oral (“Or”) or rectal (“rEc”) or axillary (“Ax”) or internal temperature readings (“Cor”) or only internal temperature readings (no symbol shown).

If necessary, these settings can be modified as follows:

1. while the thermometer is off, aim the thermometer to any uniform surface;
2. press the “Mem”  button and hold it down; the projection will show the letter “A”

and after about 8 seconds it changes showing the settings in sequence:

L	F	Or.	rec	Axc	Cor
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2. When the new desired setting appears, release the button.

Only one setting can be modified at a time.

Note:

- if the thermometer was produced with the sole internal temperature setting, the ORAL, RECTAL, AXILLA and CORE settings would not be available for changing.
- The measurement of the body temperature must be taken always at the centre of the forehead (par. #4.1) or at the eyelid (par. #4.2), no matter what the current setting is: in fact, the axillary, oral, rectal or core settings provide a forehead temperature value that is a valid approximation of the axillary, oral or rectal/internal temperature respectively (see par. #3).

8. ROOM TEMPERATURE CALIBRATION



If, pressing the “face”  button, the projection shows “CAL”, this means the device needs to be stabilized (par. #2.1.2).

Therefore, the thermometer will not let you take a measurement, as the result would not be correct.

On the contrary it will activate an **Automatic Quick Calibration System (AQCS)**.

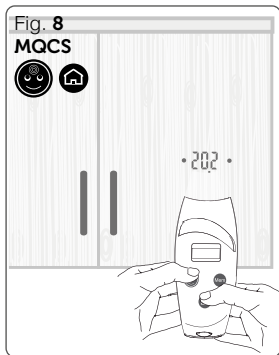
Now you have two possibilities:

1. Wait about 5 minutes without touching the thermometer, until the AQCS ends.
2. perform the MQCS (Manual Quick Calibration System) as follows:
 - focus the thermometer on an internal wall or wardrobe with uniform temperature and at a point approximately between 80 and 150 cm (30 and 60 inches) from the floor;

- press the “face”  and “home”  buttons (fig. 8) simultaneously as suggested by their flashing lights;
- once the right distance is reached (temperature value between the dots, fig. 5), release the button: the projection flash **slowly** showing the room temperature.

To ensure a reliable temperature reading, do not focus the thermometer on an outside wall, window, source of heating or cooling (radiator, air conditioner, lamp, computer, surface in contact with the human body, etc.).

- The thermometer is now ready to take a reading and will keep the MQCS for 30 minutes as indicated by the letters “MQCS” on the display.



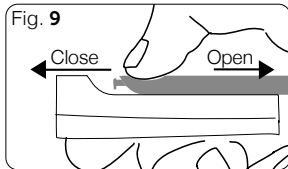
Manual quick calibration (MQCS) can also be performed without the countdown if, for example, you are moving between rooms with different temperatures.

This system enables the thermometer to take sufficiently accurate readings.

The MQCS is possible only if the room temperature is in the 10,0-45,0°C (50.0-113.0°F) temperature range.

9. 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 fig. 9.
- Remove the battery hatch.
- Remove the old batteries and dispose of them as required in the containers provided for this purpose.
- Insert 2 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 run a manual quick calibration (MQCS, par. #8).



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

10. CLEANING

CLEANING THE WAVEGUIDE: the thermometer waveguide (fig. 1) is very delicate and must be kept clean. Store the device in a dry, clean place, away from dust. However, if you need to remove dust or dirt from the waveguide or 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. Do not use any other objects or liquids as the surface of the 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.

11. MEANING of MESSAGES

Messages about batteries

DESCRIPTION: the message “bAt” is shown in alternation with the temperature value.

PROBLEM: the batteries are running low but it is still possible to take several readings.

SOLUTION: obtain new batteries for changing them when the signal “E.1” appears.

DESCRIPTION: the message “E.1” and the “bAt” symbol are projected, or the unit does not turn on at all.

PROBLEM: the batteries are dead.

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

Messages about thermometer's stabilization

DESCRIPTION: the projection shows “E.8”.

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

SOLUTION: wait until the lights flash before moving the thermometer; make certain that there are no mobile or cordless telephones in the vicinity.


DESCRIPTION: the projection shows CAL and/or a countdown (in seconds).

PROBLEM: the thermometer has not stabilized. The symbol “CAL” and the blinking lights suggest that you perform the MQCS.

SOLUTION:

- wait until the AQCS countdown has run its course without touching the thermometer, or
- perform an MQCS (par. #8).

Messages about room temperature working range

DESCRIPTION: when you press the “face”  button, the projection shows «Hi.4» and the value alternately.

PROBLEM: the room temperature is between 40,1 and 45,0°C (104.1 and 113.1°F).

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


DESCRIPTION: the projection shows “Hi.4”.

PROBLEM: the room temperature is too high (above 45,0°C/113.0°F).

SOLUTION: move to another, cooler site and, if you are taking the body temperature, wait for the stabilization of the device and of the subject.

Lo.5 37.2

DESCRIPTION: the projection shows «Lo.5» and the value alternately.



PROBLEM: - reading with “face”  button: the room temperature is between 10,0 and 15,9°C (50.0/60.6°F).

- reading with “home”  button: the room temperature is between 5 and 9,9°C (41/48.2°F).

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

Lo.5


DESCRIPTION: the projection shows “Lo.5”.

PROBLEM: the room temperature is too low (below 10,0°C/50.0°F if you've pressed the “face”  button or below 5,0°C/41.0°F if you've pressed the “home”  button).

SOLUTION: move to another, warmer room and, if you are taking the body temperature, wait for the stabilization of the device and of the subject.

Messages about the detected temperature


Hi.2 40.2


DESCRIPTION: the projection shows «Hi.2» and the value alternately when you press the “face”  button.


MEANING: ATTENTION! The temperature is 40,0°C/104.0°F or more.


Hi.2

DESCRIPTION: the projection reads “Hi.2”.

PROBLEM: - reading with “face”  button: the temperature detected exceeds the limit for operation with this button (>43,0°C / >109.4°F).


- reading with “home”  button: the temperature detected exceeds the limit for unit operation (>80,0°C / >176,0°F).


SOLUTION: - reading with “face”  button: please make certain that you've pressed the correct button, with regard to the measured object, and that the warnings have been met.

- Reading with “home”  button: the temperature reading cannot be taken.


Lo.3

DESCRIPTION: the projection shows “Lo.3”.

PROBLEM: - reading with “face”  button: the forehead temperature appears to be too low (<34,0°C / <93.2°F).

- reading with “home”  button: the surface temperature read is below the operating limit (<1.0°C / <33.8°F).

SOLUTION: - reading with “face”  button: make certain the sensor is not soiled or damaged and that the subject has not come from a cold room.

- reading with “home”  button: the temperature reading cannot be taken.

12. TROUBLESHOOTING

1. The projection does not turn on: batteries are completely dead or incorrectly inserted; replace or reinsert them (par. #9).

2. The temperature is not projected between the two dots: the unit is not at the correct distance; move the thermometer forward or back until the projected temperature falls precisely between the two dots (fig. 5).

3. The projected temperature is not clearly visible: there is too much light in the room or the batteries are low; cast a shadow over the subject or replace the batteries.

4. The sensor (fig. 1) is damaged or water has seeped into the thermometer: contact your Dealer right away for technical service.

5. The thermometer temperature reading is too low:

- make certain that the conditions outlined in 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. #10 or contact your Dealer for technical service;
- check that the thermometer is perpendicular to the forehead as indicated in fig. 3.

6. The temperature reading is too high: make certain that the conditions outlined in the warnings have been met (par. #2).

7. The thermometer appears blocked or does not revert to stand-by after being idle for 20 seconds, or the aiming LEDs remain on after the button is released: reset the thermometer by removing and reinserting the batteries.

13. TECHNICAL CHARACTERISTICS

13.1 Measuring specifications

Resolution: 0.1

Measuring specifications with “face” button (body temperature readings):

Measurement range: 34,0/43,0°C (93.2/109.4°F)

Room temperature working range:

- standard range: 16,0/40,0°C (69.8/104.0°F)
- extended range: 10,0/45,0°C (50.0/113.0°F) ⁽¹⁾

Accuracy:

from 34,0 to 35,9°C:	±0,3°C
from 36,0 to 39,0°C:	±0,2°C ⁽²⁾
from 39,1 to 43,0°C:	±0,3°C

from 93.2 to 96.7°F:	±0,5°F
from 96.8 to 102.2°F:	±0,4°F ⁽²⁾
from 102.3 to 109.4°F:	±0,5°F

⁽¹⁾ When the FACE button is used in rooms where the temperature is in the range 10,0-15,9°C (50,0-60,7°F) or 40,1-45,0°C (104,1-113,0°F), accuracy and operating range are not guaranteed, and the temperature value is displayed alternately with the message “Lo.5» or “Hi.4” respectively.

⁽²⁾ ASTM E1965-98-(2016) laboratory accuracy requirements in the display range of 37 to 39°C (98 to 102°F) for IR thermometers is ±0,2°C (±0.4 °F), whereas for mercury in-glass and electronic thermome-

ters, the requirement per ASTM Standards E 667-86 and E 1112-86 is $\pm 0,1^{\circ}\text{C}$ ($\pm 0,2^{\circ}\text{F}$).

Measuring specifications with “home” button:

Measurement range: 1,0/80,0°C (33.8/176.0°F)

Room temperature working range:

- standard range: 16,0/40,0°C (69.8/104.0°F)

- extended range: 5,0/45,0°C (41.0/113°F) ⁽³⁾

Accuracy (temperature measurements of objects and liquids):

from 1,0 to 33,9°C:	$\pm 1,0^{\circ}\text{C}$
from 34,0 to 35,9°C:	$\pm 0,3^{\circ}\text{C}$
from 36,0 to 39,0°C:	$\pm 0,2^{\circ}\text{C}$ ⁽²⁾
from 39,1 to 43,0°C:	$\pm 0,3^{\circ}\text{C}$
from 43,1°C to 80,0°C:	$\pm 1,0^{\circ}\text{C}$

from 33.8 to 93.1°F:	$\pm 1.8^{\circ}\text{F}$
from 93.2 to 96.7°F:	$\pm 0,5^{\circ}\text{F}$
from 96.8 to 102.2°F:	$\pm 0,4^{\circ}\text{F}$ ⁽²⁾
from 102.3 to 109.4°F:	$\pm 0,5^{\circ}\text{F}$
from 109.5 to 176.0°F	$\pm 1.8^{\circ}\text{F}$

Accuracy (skin temperature measurements):

<36,0°C:	$\pm 0,3^{\circ}\text{C}$
from 36,0 to 39,0°C:	$\pm 0,2^{\circ}\text{C}$ ⁽²⁾
from 39,1 to 43,0°C:	$\pm 0,3^{\circ}\text{C}$
>43,0°C:	$\pm 1,0^{\circ}\text{C}$

<96.8°F:	$\pm 0,5^{\circ}\text{F}$
from 96.8 to 102.2°F:	$\pm 0,4^{\circ}\text{F}$ ⁽²⁾
from 102.3 to 109.4°F:	$\pm 0,5^{\circ}\text{F}$
>109.4°F:	$\pm 1.8^{\circ}\text{F}$

⁽³⁾ When the HOME button is used in rooms where the temperature is in the range 5,0-9,9°C (41.0-49.9°F) or 40,1-45,0°C (104.1-113.0°F), accuracy and operating range are not guaranteed, and the temperature value is displayed alternately with the message “Lo.5» or “Hi.4” respectively.

Ambient temperature (shown when in stand-by)

Measurement range: 5,0/45,0°C (41.0/113.0°F)

Accuracy: $\pm 1.0^{\circ}\text{C}$ ($\pm 1.8^{\circ}\text{F}$)

13.2 General specifications

- Power supply: 2 AAA (LR03) alkaline batteries - 1.5 V (included)
- Life of high quality batteries: more than 10,000 readings or up to 3 years (depending on use)
- Dimensions: mm 94,5 x 43,5 x 21,5 (3.72, 1.71, 0.85 inches)
- Weight: 60 gr. (2.12 oz.) - batteries included
- Distance from the subject: calculated using an optical aiming system (approx. 6 cm/2.36 inches).

- Expected 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.
- Internally powered equipment; mode of operation: continuous.
- The VisioFocus •Mini• LEDs emit low light radiation in compliance with EN 62471.
- Measuring system tested in hospitals, private clinics and medical offices. Clinical accuracy, characteristics and procedures are available from the manufacturer on request.












13.4 Declaration of Conformity UE

Tecnimed srl, P.le Cocchi, 12 - 21040 Vedano Olona (VA) - Italy is the manufacturer of the VisioFocus •Mini• 06700 non-contact clinical infrared thermometer.

TECNIMED guarantees that VisioFocus •Mini• 06700 meets all the provisions applicable in the Regulation (UE) 2017/745. VisioFocus •Mini• 06700 is a class IIa medical device manufactured following appropriate production processes in accordance with an EN ISO 9001:2015 and EN ISO 13485:2016 certified Quality System, with GMP requirements and with the following standards: EN 60601-1, EN 60601-1-2, EN 60601-1-6, EN 60601-1-11, EN 62366, EN 62471, EN 62304, EN 80601-2-56, ASTM E 1965-98.

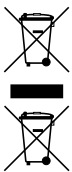
Full responsibility for the conformance of this product to the standards is assumed by Tecnimed srl, P.le Cocchi, 12 - 21040 Vedano Olona (VA) – ITALY. Complete Declaration of Conformity is available from the manufacturer on request: info@tecnimed.eu




SYMBOLS on the thermometer, on its packaging or in this user manual

 0051	European Conformity mark. The product conforms to: - Regulation (EU) 2017/745 on medical devices. The Conformity to the Regulation (EU) 2017/745 applies to the medical use only and it is verified by the notified body no. 0051 (IMQ). - 2014/30/EU directive for the non-medical use (ref. par. 4.4)				
	Manufacturer		Medical device		UDI code
	Serial Number		Model		Operating instructions
	Refer to the instruction manual			CAUTION: read the warnings	
	Applied part: type BF			Direct current	

	Keep dry		Recyclable material
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Instructions for disposal

	<p>Crossed-out wheeled bin (WEEE and batteries)</p> <p>Instructions for disposal: 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.</p>
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	Cardboard box: paper collection		Headboard and protective film: plastic collection		Thermometer small protective bag: plastic collection
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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). 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, 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 check 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® MINI**
Model: **06700**

Classe IIa medical device

Patents: US 7,001,066 - US 7,651,266B2 - US 8,128,280 - US 8,821,010
- EP 1.283.983 - EP 1.886.106 - EP 2577242(B1) - KR 10-1898897 - CN
103026192B.

Other international patents pending.

CE
0051



Manufactured in Italy by:

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