LANAFORM

IRT-100

INFRARED THERMOMETER

BE EST. 1975

2YR EUROPEAN UNION WARRANTY

Our guarantee of reliability for your health

Contrary to what is generally thought, fever is not an illness, but rather a **symptom**. It is the body's normal response to a **viral or bacterial infection**. It is an objective sign that is easy to measure and invaluable for assessing how the infection is developing.

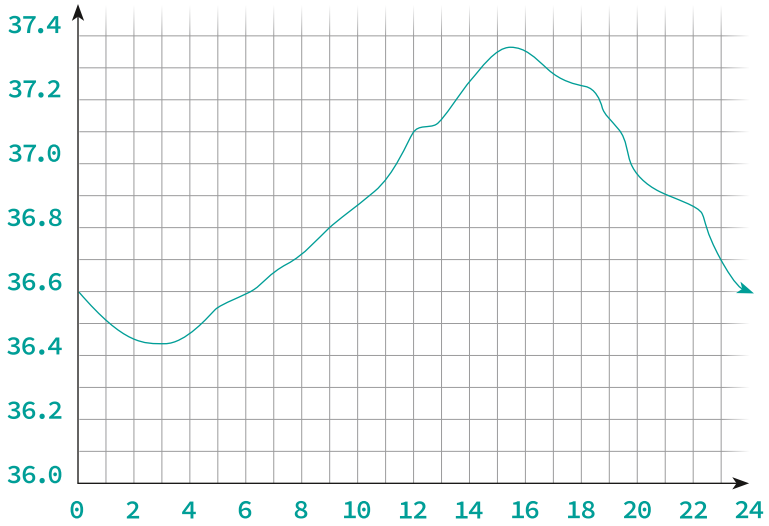
The definition of fever varies **according to age**. In fact, the new-born and infants have a normal body temperature that is higher than that of adults. We therefore talk about a fever when the body's temperature reaches 37.5°C to 38°C.

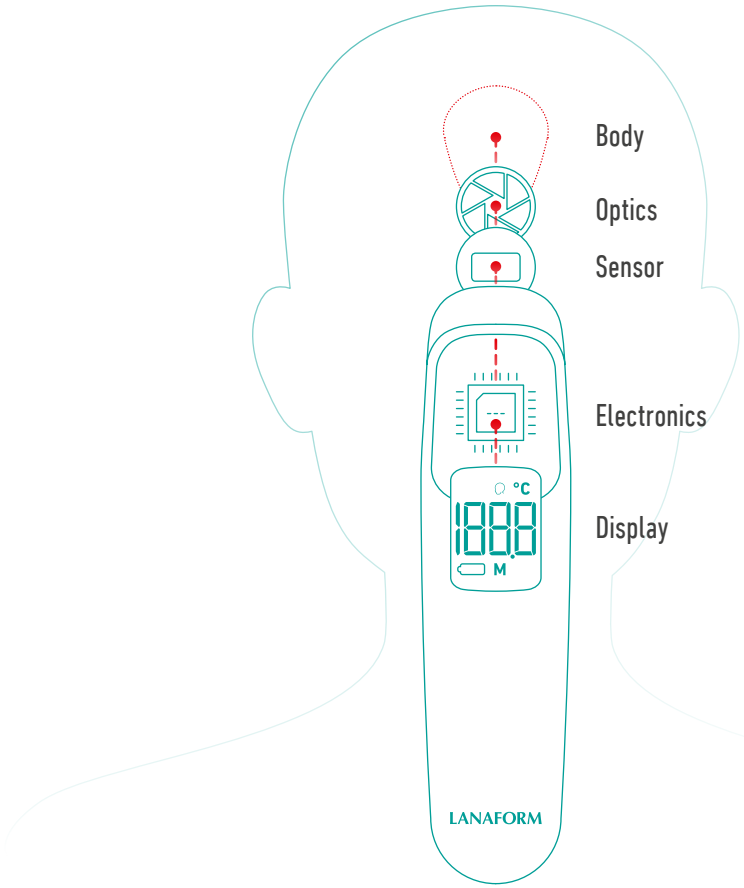
Did you know?

Body temperature varies, depending on the **time of day**. It is also influenced by external factors.

The **best time** to take your temperature is in the morning and at the end of the day.

However, do not take your temperature straight after meals, after exercising or after a bath as these activities cause **changes to body temperature**. Wait for 20 minutes before starting.





How does an infrared thermometer work?

Infrared thermometers determine the temperature of an individual or object **without direct contact** being necessary from radiation emitted by this person (forehead or eardrum) or object.

In fact, each body emits **infrared light radiation**, the intensity of which is **in proportion** to its temperature and can therefore be used for the thermal measuring process.

An infrared thermal thermometer captures this radiation using an optical lens and measures the light energy electronically. This measurement is then converted mathematically into a **temperature value** which the thermometer displays.

What is the difference between a digital thermometer and an infrared thermometer?

While the two types of thermometers measure both **children's** as well as **adults'** temperatures, the method of taking temperatures is different for the two thermometers. The digital thermometer is used to measure **oral, rectal or even axillary** (underarm) temperatures, whereas the infrared thermometer takes them in the **eardrum or on the forehead**.

While many studies confirm that taking a temperature rectally constitutes the **benchmark**, it can, on the other hand, be very **unpleasant** for children and most parents may feel **uneasy** about using this method. This is why the infrared thermometer may be used **in preference**.

In addition to **greater accuracy** due to its infrared technology, the infrared thermometer has the incomparable advantage of measuring temperature **remotely**. This is a great help when taking a sleeping child's temperature, for example.

It is **non-invasive** and means that the temperature can be taken **instantly** and as **comfortably** as possible.

The infrared thermometer is suitable for **all ages**, except the infrared ear thermometer, which is not recommended for babies under 3 months.

Accuracy and area and measurement process

The definition of what is a **normal temperature** and what is a **fever** changes according to on the **place** in which it is taken. Due to the constitution of the human body, a temperature taken on the **forehead** will not be as accurate as a temperature taken in the **rectum** (which is an internal cavity). You could potentially **see a difference of - 0.5°C** with the IRT-100 thermometer compared with a rectal measurement.

Easy to use

The IRT-100 infrared forehead thermometer can be **used gently and easily** due to its infrared technology.

It will help you take the forehead temperature **instantly** in just 1 second, **remotely, painlessly and accurately and without waking your baby.** Switches off automatically after 60 seconds of inactivity.

Very hygienic, the IRT-100 **avoids any physical contact** and prevents any microbes from spreading.

The memory function, which records the **last 32 measurements**, means that you can monitor the change in body temperature.

Its multi-function button means measurements stored in the memory can be reached and the measuring unit modified (°C/°F).

The **fever alarm** makes it easier to read the measurement. The fever alarm is triggered above 37.5°C and 6 consecutive beeps sound, indicating a high temperature.

Features

Intended for those looking for a thermometer that is easy to use, accurate and efficient, the IRT-100 has many attractive features that make it a product that will easily find its place in a medicine cabinet.

Infrared forehead thermometer, instant measurement in 1 second

Memory function: for up to 32 measurements

Fever sound alarm

Explore the LANAFORM thermometer range

	Model	Technology	Type of measurement	Unit	Backlit display screen	Fever alarms	Switches off automatically	Memory	Measuring time	Measuring distance	Batteries
	IRT-100	Infrared	Forehead	°C / °F	○	Sound	●	32	1"	1,5~5 cm	2× AAA ▬ supplied
	IRT-200	Infrared	Forehead, ear, object	°C / °F	●	Sound and visual	●	20	1"	1~3 cm	2× AAA ▬ supplied
	IR Thermometer	Infrared	Forehead, object	°C / °F	●	Sound and visual	●	20	1"	1 cm	2× AAA ▭ not supplied
	DT-100	Probe	Oral, under the arm, rectal	°C / °F	○	Sound	●	1	10"	n.a.	1× LR41 ▬ supplied
	Filoo	Probe	Oral	°C / °F	○	Sound	●	1	180"	n.a.	1× CR2032 ▬ supplied

Master Box Dimensions	Master Box Weight	Colour Boxes / Master Box	Colour Box Dimensions	Colour Box Weight	Batteries
57.5 × 37.0 × 41.0 cm	8.01 kg	60 (6 × 10)	5.3 × 18.0 cm (Round)	0.155 kg	2× AAA supplied

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