

THERMOFOCUS®

MADE IN ITALY

NO TOUCH • NO MERCURY THERMOMETER

FDA CPR No.: MDR-01449



EASY TO USE GOOD FOR ALL AGES



- Thermopile Sensor
- Self Calibrating
- Easy to use
- No Probe Cover Needed
- Good for all ages
- Heavy Duty
- Made In Italy



Model: TF1500

Exclusively Distributed by:

WellnessPRO
tomorrow's medical devices

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DIRECTION FOR USE:



Do not be afraid if the tracking lights are unintentionally directed to the eyes: they are totally harmless!

How does ThermoFocus work?

ThermoFocus collects the infrared emissions coming from any body and, specifically, from the human being's forehead. When the button is released, ThermoFocus does, in a few hundredth of a second, a series of more than a 100 records that are amplified and elaborated by its sophisticated microprocessor, together with the room temperature's value coming from a thermocouple probe incorporated inside the sensor. The data are compared to the parameters in the memory and the result is the temperature shown on the display.

What are ThermoFocus' advantages if compared to other thermometers?

ThermoFocus is easy to use, not invasive, reliable, accurate, safe, quick, mercury free and absolutely hygienic. IT SAVES USER MONEY BECAUSE IT DOES NOT REQUIRE COSTLY DISPOSABLE PROBE COVERS OR SPECIAL CLEANING. There are no breaking risks as it is with mercury thermometer during rectal measurements.

Is ThermoFocus accurate?

Yes, ThermoFocus is accurate within a margin for error of $\pm 0,2^{\circ}\text{C}$ (for body temperatures between 36 and 39°C) and of $\pm 0,3^{\circ}\text{C}$ (for body temperatures under 36 and above 39°C) fixed by the standard ASTM E1956-98. To have always the greatest precision, it is important to read and to follow the instructions carefully.

Is the temperature shown by ThermoFocus the same as the one taken with other thermometers and in other parts of the body?

The temperature taken with ThermoFocus is normally very similar, but not necessarily equal, to the temperature taken with other thermometers in other parts of the body. Following the dissipation of heat that the non-protected parts of the body undergo, the normal temperature that can be taken on a person's forehead is usually lower than the one of other covered parts. For this reason, ThermoFocus' internal software automatically applies a correction to give a value that is approximately comparable to the oral temperature. This correction is statistically calculated on a series of around 10,000 measurements. But, as the differences between the temperatures in the different areas of the body (axillary, oral, rectal, auricular) are not stable, but vary from person to person, so do the differences between the temperatures on the forehead and the one in the other areas of the body, which are peculiar of every person. It is thus normal that the two temperatures can differ by 5 or 6 tenth or sometimes even more than this.