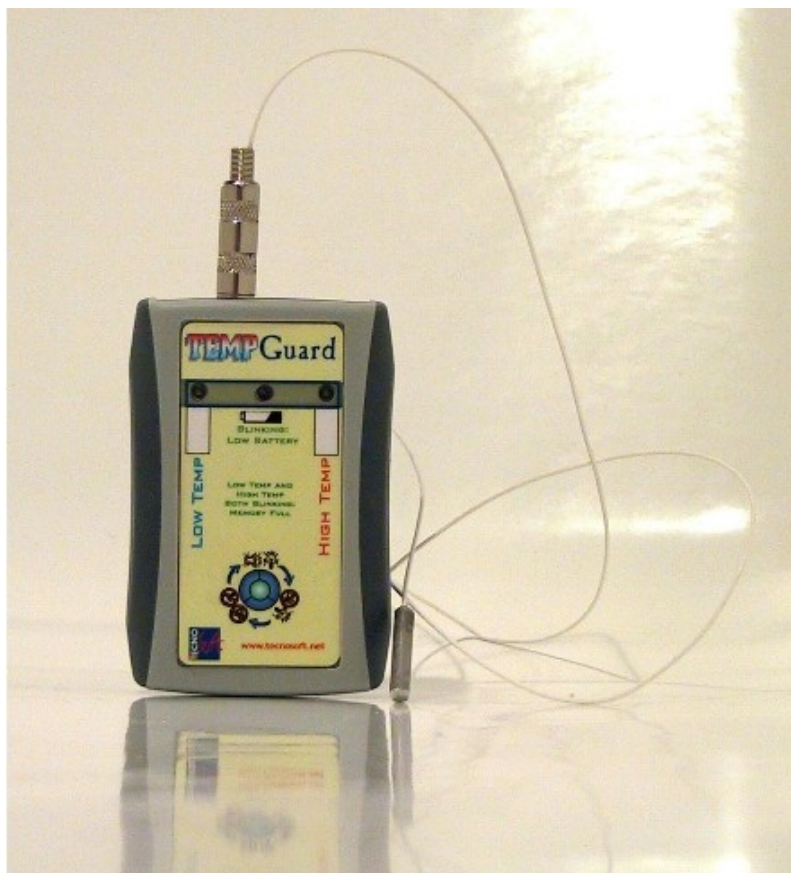




# TEMP Guard

After the TecnoStick dataloggers, other innovative solutions for temperature monitoring

Temperature monitoring has never been so immediate and simple! Thanks to the **TEMPGuard** now it is possible to control temperature in fridges or ovens every moment and in the mean time save all the acquired data.



The device comes directly from TecnoSoft experience in designing, developing and producing temperature dataloggers largely used in the pharmaceutical/medical field and in the food industry. The **TEMPGuard** is a small temperature sensor that can be applied outside the unit that has to be controlled (usually a fridge or a oven); it has a cable which has a sensor at its end that has to be put in the unit, while the cable, being very thin, allows the unit door to close. The **TEMPGuard** opportunely programmed with a PC through simple parameters (minimum and maximum thresholds and others), controls the temperature and with its led and sound alarms tells you every time the temperature goes out of the set thresholds: it is possible to know immediately if the temperature inside the controlled unit is the correct one or not.

This alarm device allows to save time in the food industry for fridge monitoring and grant a higher and constant quality of the controlled product.

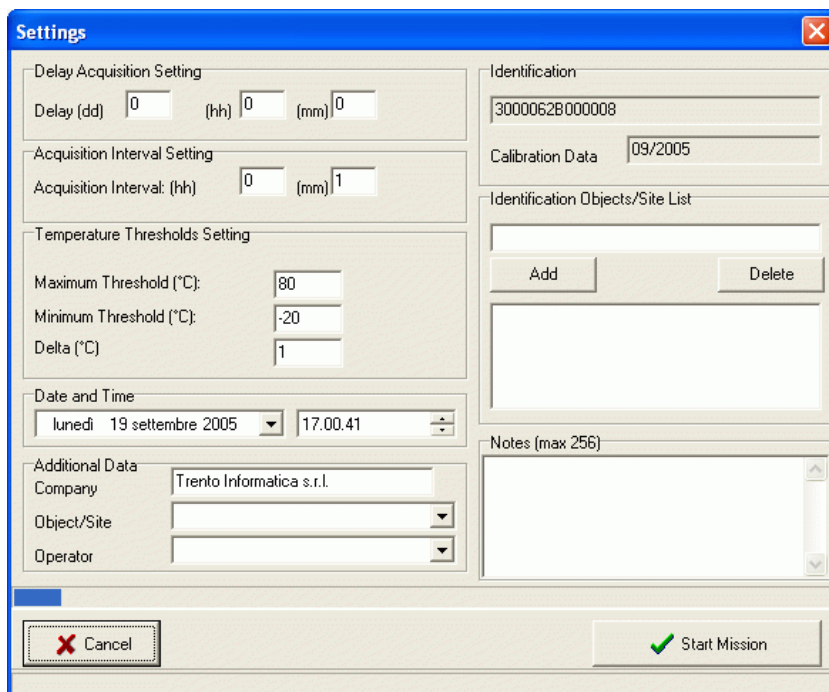
It's easy to program and to install and much more immediate to use since it has been developed for non trained personnel too. Moreover, its functioning won't disturb at all with the correct working of the monitored unit.

**TEMPGuard** external sensor characteristics (version with and without calibration certificate):

<b>Probe Temperature range</b>	-40 °C / +85 °C
<b>Resolution</b>	0,03 °C
<b>Accuracy</b>	+/- 0,25 °C with calibration certificate; +/- 1 °C without calibration certificate *

\* data from the production without calibration

To comply at best the laws on food quality, in restaurants, bar and hotels, or to keep under control the temperature of medicines and lab processes in the medical field, the **TEMPGuard** is the right choice. Along with the already cited alarms, thanks to its dynamic memory (i.e. it can be activated with a set variation of the temperature), it can record all the acquired data also for long periods and then they can be downloaded to the PC for recording and printing reports. In this way time and money can be saved since it is no more necessary that a person control the temperature at fixed times of the units and then writing it down manually on reports. The **TEMPGuard** works with changeable batteries, it's easy to use and doesn't need maintenance. It is possible to ask for the calibration certificate with SIT traceability.



**TEMPGuard** characteristics:

- works with 2 batteries type AA of 1,5 V
- battery life: more than 4 years if no alarm occurs
- 3 led: minimum threshold alarm, maximum threshold alarm, low battery alarm
- alarm selection button: it excludes cyclical the sound alarm and then both (led and sound)
- if temperature returns between the thresholds the alarm stops
- can be connected to the PC with a serial cable or USB adapter

**TEMPGuard** memory characteristics:

<b>N° of acquisitions</b>	1365
<b>Acquisition rhythm</b>	From 1 every minute to one every 255 minutes
<b>Missions' length</b>	Dynamic acquisition

**TEMPGuard** software characteristics:

- minimum required: Windows 98/2000/XP, 64 MB RAM, Pentium III 800 Mhz, CD-ROM, a free serial port (COM) or a free USB port, VGA
- programmable parameters: minimum and maximum temperature thresholds, acquisition rhythm, temperature variation to make the logger record the data (dynamic memory function), acquisition starting delay, controlled device, operator that started the mission
- data displayed in tables and graphs
- acquisitions can be recorded in the program archive
- acquisition report printing
- data can be exported in an MS Excel file for personalized reports
- saved missions archive with several search parameters



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