

SterilDisk

- Description -



SterilDisk

TEMPERATURE

Tecnosoft's temperature monitoring range is enhanced by an important addition: **SterilDisk**. The requirement for monitoring high temperatures used in sterilization equipment has lead to an evolution of TempStick to create a new datalogger that can monitor temperatures up to 140°C.



SterilDisk is presented in a circular housing, 40 mm in diameter and just 18mm high: making it compact and therefore easy to position; even in the tightest spaces. The size also makes it possible to use more than one device when mapping temperature inside chambers. The material chosen for housing the electronics has been carefully selected after intense research. The main body is in **AISI316 grade stainless steel**, whilst the isolating parts are resin: both these materials, apart from being able to support very high temperatures without exhibiting deformation, are also food grade materials. The datalogger, therefore, has numerous applications, from medical or industrial, in sterilization processes, to the food industry, where it is possible to monitor the actual product and not simply the environment in which it is manufactured.

As for all other Tecnosoft dataloggers, **SterilDisk** is programmed and downloaded using a PC, without having to open the device, by means of a dedicated interface and a series of parameters, ranging from the acquisition interval to the starting delay.

The internal battery is replaceable, which means the unit will serve you for many years.



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- Technical data -

Characteristics

Dimensions	36,5 x 16 mm
Material	AISI 316 stainless steel, food grade spacer
Temperature Range	-40°C ÷ +140 °C
Resolution	0,04°C
Accuracy	± 0,25°C
Number of acquisitions	15360
Acquisition Interval	From once every 5 seconds to once every 255 minutes
Battery	May be replaced by the user
Ingress Protection Rating	IP68

Software



The data acquisition management software for **SterilDisk** is easy to operate, as with all Tecnosoft software programs, but at the same time offers a number of options making it versatile and complete. The program is used to start missions and download data from the dataloggers.