



SterilDisk High Temperature Data Logger (Medical Grade)

Product Images












Description

The SterilDisk data logger is both food grade, waterproof and suitable for temperatures up to 140°C. Manufactured in a circular housing, 36 mm in diameter and just 18 mm high, the SterilDisk is both compact and easy to position, even in the tightest spaces or in more than one device, when mapping temperature inside chambers.

The main body is in AISI316L stainless steel, whilst the isolating parts are o-rings: these materials, apart from being able to support very high temperatures without exhibiting deformation, are also food grade. The data logger has numerous applications, from medical, industrial, sterilisation processes through to the food industry, where it is possible to monitor the actual product and not simply the environment in which it is manufactured.

There are also versions with an external Probe: 10, 30 or 50 mm length; the 50 mm has a threaded part to be screwed on different surfaces.

The SterilDisk can be provided with a calibration certificate Accredia (Italian calibration center, NIST equivalent) traceable.

Size	18 hh X 36 diameter (mm)
	
Material	Stainless steel AISI316L(completely Food Grade)
	
Temperature range	0 °C ÷ +140 °C (up to 10 bar)
	
Resolution	0,01 °C
	
Accuracy	± 0,1 °C (within calibration range: +25°C ÷ +125°C)
	
N° acquisitions	20200
	
Acquisition interval	From 1 every second up
	
Battery life	User replaceable 1.400.000 acquisitions, with acquisition step of 1" @ 25°C; battery life might be less if exposed to high and low temperatures
	
Protection degree	IP68
	
Compliance	 - EN12830 - EN285

Additional Information

Measurements	Temperature
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