

SterilDisk data logger up to 140°C

For temperature monitoring during sterilization, pasteurization and other applications up to 140°C.

- Wide temperature range up to 140°C.
- Water- and pressure-resistant
- Made by stainless steel
- Large memory for 15.000 or 120.000 measurements
- Adjustable interval: 1sec...1 hour
- High accuracy: +- 0,3°C
- Easy to change battery
- Optional with validated software CFR 21 part 11
- Export-function for Excel
- Automatic calculation of F0, Z and N-values possible
- Several curves can be displayed in one graph simultaneously



Areas of application

The ideal data logger for food, pharmaceutical and laboratory use

- Optional with validated software CFR 21 part 11
- Determination of the F0-, Z- and N-values in the food industry.
- For monitoring and recording temperature data in pharmaceutical and medical sectors as well as in laboratories and food processing plants

Technical data

	SterilDisk / SD30 5005-0800 / 5005-0802	Steril Disk Jumbo 5005-0806
Temperature		
Measuring range	0...+140°C up to 10 bar	0...+140°C bis 10 bar
Resolution	0,04°C	0,04°C
Accuracy	+0,3°C	+0,3°C
IP-protection	IP 68	IP 68
Memory	15.000 measurements	120.000 measurements
Interface	Disk Interface	
Battery lifetime	appr. 2 years (replaceable)	appr.. 4 years (replaceable)
Housing	Food save AISI316L	
Dimensions	SD 18xØ36mm / SD30 18+60xØ36mm / SDJ 22+60xØ35m	
Weight	SD ca. 80g / SDJ appr.. 95g	
Probe	Immersion probe 30mm (only SD 30)	





Accessories

5090-0800 – SPD USB-Kit

Software and disk interface with USB port for connection to the PC for SterilDisk and SterilCyl data logger

The set includes

Software, Disk Interface, USB-cable and adapter for SterilCyl data logger



5005-0881 – Battery replacement set for SterilDisk logger

Set to change the battery in SterilDisk logger

5005-0882 – Battery replacement Set for SterilDisk Jumbo logger

Set to change the battery in the SterilDisk Jumbo logger

5005-0891 – Disk interface adapter for SterilDisk Jumbo data logger

Disk Interface for reading out the Jumbo logger

5005-0896 – Mounting system for SterilDisk, SterilDisk Jumbo, SterilCyl data logger and other instruments for cans, bottles, caps and other reservoirs.

The set includes

- 1 x riveting tool
- 20 x M5 rivets for SterilDisk system with probe of 4,0mm diameter and minimum 50mm length
- 20 x M8 rivets for SterilDisk system with probe of 3,0mm diameter and minimum 30mm length
- 1 x clamp connection to attach the sensor to the required depth

5005-0897 – M5 rivets

20 x M5 rivets for probe of 4,0mm diameter and minimum 50mm length.

5005-0898 – M8 rivets

20 x M8 rivets for probe of 3,0mm diameter and minimum 30mm length

5005-0899 clamp connection

Clamp connection for mounting the sensor to the required depth.



Description	Order. No.
SterilDisk data logger	5005-0800
SterilDisk30 data logger with immersion probe 30mm	5005-0802
SterilDisk Jumbo data logger	5005-0806
SPD USB-Kit	5090-0800
Battery replacement set for SterilDisk	5005-0881
Battery replacement set for SterilDisk Jumbo	5005-0882
Disk interface adapter for SterilDisk Jumbo	5005-0891
Complete set mounting system (pliers, rivets and clamp connection)	5005-0896
M5 rivets 20 pieces	5005-0897
M8 rivets 20 pieces	5005-0898
Clamp connection for data logger	5005-0899