DOSTMANN electronic

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)	

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 senor 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 connectiom)	5005-0896
M5 rivets 20 pieces	5005-0897
M8 rivets 20 pieces	5005-0898
Clamp connection for data logger	5005-0899

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