

SterilCyl Datenlogger u 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: 1 sec....1 hour
- High accuracy: $\pm 0,3^{\circ}\text{C}$
- 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

	SterilCyl60 5005-0841	SterilCyl60 Jumbo 5005-0846
Temperature		
Measuring range	0...+140°C up to 5 bar	0...+140°C up to 5 bar
Resolution	0,04°C	0,04°C
Accuracy	$\pm 0,3^{\circ}\text{C}$	$\pm 0,3^{\circ}\text{C}$
IP-protection	IP 68	IP 68
Memory	15.000 measurements	120.000 measurements
Interface	Disk Interface	
Battery lifetime	Aprr.. 2 years	Aprr. 4 years (replaceable)
Housing	Food safe AISI316L	
Dimension	SC60 70xØ15mm+60x3mm / SC60J 100xØ18mm+60xØ3mm	
Weight	SC60 appr. 35g / SC60J appr. 50g	
Probe	Insertion probe 60mm	



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



5005-0883 – Battery replacement set for SterilCyl data logger

Replacing the battery in SterilCyl data logger (can only be done by a specialist)

5005-0884 – Battery replacement set for SterilCyl Jumbo data logger

Set to change the battery in SterilCyl Jumbo data logger

5005-0893 – Disk interface adapter for SterilCyl 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 SterilCyl system with probe of 4,0mm diameter and minimum 50mm length
- 20 x M8 rivets for SterilCyl 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.



Bezeichnung	Best. Nr.
SterilCyl60 data logger with insertion probe 60mm	5005-0841
SterilCyl60 Jumbo data logger with immersion probe 60mm	5005-0846
SPD USB-Kit	5090-0800
Battery replacement for SterilCyl	5005-0883
Battery replacement set for SterilCyl Jumbo	5005-0884
Disk interface adapter for SterilCyl Jumbo	5005-0893
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