

Ion Exchange Cartridge SD Range

The SD range of ion-exchange systems offers superior resin quality and high capacity. The cartridges made of V4A stainless steel are pressure resistant up to 10 bar. They are available with a R 3/4" screw thread or a conversion set for quick-fit couplings. Filled with continually regenerable quality mixed bed resins they can be used for many purposes.

For the conductivity measurement, you can choose from the well known conductivity meters LFM 1, LFM 3, LFM 5, LFM C1 and LFM A1. All meters can be wall-mounted or cylinder mounted.

Configuration

Configuration 1

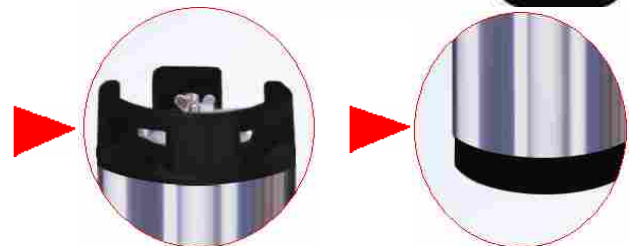
SD cartridge made of stainless steel with screw connection and conductivity meter, consisting of:

- Cartridge SD 2000, SD 2800, SD 4000 or SD 6000
- Analogue conductivity meter LFM A1 with hose set and integrated measuring cell

Configuration 2

SD cartridge made of stainless steel with quick-fit couplings and conductivity meter consisting of:

- Cartridge SD 2000, SD 2800, SD 4000 or SD 6000
- Conversion set from R 3/4" screw connection to quick-fit couplings
- Hose set with quick-fit couplings and integrated measuring cell
- Conductivity meter LFM C1, LFM 1, LFM 3 or LFM 5



Product Features

- Compact cartridges made of V4A stainless steel, pressure resistant up to 10 bar
- Robust with carrying handle and hardened rubber base
- Minimal space required and versatile use

Rule Of Thumb

for calculating the overall capacity

$$\frac{\text{No. of cartridge description} \times 300}{\text{Conductivity of feed water in } \mu\text{S/cm}} = \text{Exchanger capacity in litres up to } 20 \mu\text{S/cm}$$

Example: $\frac{1900 \times 300}{600} = 950$ litres up to 20 $\mu\text{S/cm}$

Note: Certain contaminants in the feed water, for example a high CO₂ content, could lead to a decrease in capacity of the cartridge.

Technical Specification

Ident-No.	Cartridge SD 2000 200158	Cartridge SD 2800 200160	Cartridge SD 4000 200167	Cartridge SD 6000 200169
Flow (l/hr)	300	950	1000	1000
Dimensions in mm (diameter x height)	240x490	240x600	240x700	240x1155
Weight	18 kg	24 kg	27 kg	45 kg
Pressure	10 bar	10 bar	10 bar	10 bar
Connections	R 3/4"	R 3/4"	R 3/4"	R 3/4"
Mounting	wall-mounted or free standing unit	wall-mounted or free standing unit	wall-mounted or free standing unit	wall-mounted or free standing unit

Accessories

Conductivity meter LFM A1



Conductivity meter LFM C1



Conductivity meter LFM 1, LFM 3, LFM 5



Ident-No.	Type
200179	wall holder SD 2000, SD 2800 and SD 4000
200252	hose connection for serial connection R ³ /4"
554560	analogue conductivity meter LFM A1, with hose set and measuring cell, measuring range 0-20 $\mu\text{S/cm}$, connection 3/4" screw connection
200176	conversion set from R 3/4" screw connection to quick-fit couplings
200323	hose set with quick-fit couplings and integrated measuring cell
200322	conductivity meter LFM C1 with LED-display, metering range 0,1-50 $\mu\text{S/cm}$, connection: quick-fit couplings
200302	digital conductivity meter LFM 1, metering range 0-19,99 $\mu\text{S/cm}$, connection: quick-fit couplings
200304	digital conductivity meter LFM 3, metering range 0-19,99 $\mu\text{S/cm}$, individual threshold connection, connection: quick-fit couplings
200305	digital conductivity meter LFM 5, metering range 0-19,99 $\mu\text{S/cm}$, individual threshold connection, automated temperature compensation, connection: quick-fit couplings

Owing to a policy of continual improvement, we reserve the right to amend the specifications given in this brochure