

Sartocon[®] Slice 200 Stainless Steel Holder

Low hold-up volume crossflow holder for Sartocon[®] Slice 200 and Sartocon[®] Slice ECO cassettes

Description

Sartocon[®] Slice 200 Holder

The Sartocon[®] Slice 200 stainless steel holder is optimized for the use with up to two Slice 200 (max. 0.04 m²) or one Sartocon[®] Slice ECO (0.14 m²) Crossflow cassettes. It is designed for low volume applications from 20 ml to 5 l.

Target use:

- Scaling studies
- Product discovery
- Pre-clinical trials
- Small pilot lots



Sartocon[®] Slice 200 (200 cm²) and Sartocon[®] Slice ECO (0.14 m²) cassettes each are available with Hydrosart[®] and Polyethersulfone membrane types.

The Sartocon[®] Slice 200 system covers the whole range of pharmaceutical and biotechnological crossflow applications like concentration and diafiltration of proteins, vaccines, viruses, antibodies, oligo nucleotides, endotoxin removal etc. The system is suitable for cell harvesting and clarification processes.

The family of Sartorius Stedim Biotech Crossflow holders feature the latest advances in crossflow design:

- Vertical orientation
- Self draining systems
- Low minimal hold-up volumes

The Sartocor[®] Slice 200 cassette (filter area: 200 cm²) has the same hydrodynamic flow path design and identical materials like the larger Sartocor[®] Slice (0.1 m²) and production scale Sartocor[®] cassettes (0.6 or 0.7 m²). This uniform design within the Sartocor[®] family provides the user with predictable performance for scaling studies. The Slice 200 holder completes the Slice 200 cassette in an ideal way and gives the perfect tool for every low volume crossflow application.

The Slice 200 holder uses female stainless steel Luer lock connectors. This ensures a safe and reliable connection to additional equipment. The stainless steel Luer lock thread allows the use of even polypropylene adapters without the risk of damaging. The feed and retentate ports as well as the two filtrate ports are located each on one side of the holder. This allows, together with the small footprint design, a compact system with low minimum working volume. The adjustable feet guarantees a firm stand of the holder on the bench.

The bores of the ports are widened up to the cassettes side, to avoid air locks and to ensure a proper cleaning in place behaviour of the Slice 200 system.

Feature	Benefits
Vertical position	self draining self venting
Low hold up volume	minimized working volume
Female Luer lock threads	safe fit of the adapters
Small footprint	compact system
Unique optimized in- and outlets	no air lock
Adjustable feet	secure stand
Fits up to two Slice 200 cassettes or one Sartocor [®] Slice ECO cassette	high flexibility for up to 5 l working volume

Specifications

Materials of Construction	
Filterplate	316L (1.4404 1.4435) stainless steel
Connectors	female Luer lock threads, 316L (1.4404 1.4435) stainless steel
O-Ring	Silicone
Nuts for tie rods	Nickel coated bronze
Feet	Polyethylene
Other components	316L (1.4404 1.4435) stainless steel

Technical Data

Holder hold-up volume Feed Retentate ports	<2 ml
Holder hold-up volume permeate ports	<2 ml
Maximum number of cassettes	2 Sartocor [®] Slice 200 cassettes (200 cm ² each) or 1 Sartocor [®] Slice ECO cassette (0.14 m ²)
Dimensions (L × W × H)	160 × 120 × 275 mm
Weight	5.8 kg

Ordering Information

Available Sartocan® Crossflow cassette types and order numbers as well as Sartocan® Slice 200 Stainless Steel Holder ordering information.

Ultrafiltration

Sartocan® Slice ECO

Membrane	MWCO	Order Numbers
PESU	10 kD	3M51463901E--SW
	30 kD	3M51465901E--SW
	100 kD	3M51466801E--SW
Hydrosart®	10 kD	3M51443901E--SW
	30 kD	3M51445901E--SW
	100 kD	3M51446801E--SW

* For grey silicone cassettes material number ends with "...--SG"

Sartocan® Slice 200

Membrane	MWCO	Order Numbers Sartocan® Slice 200
PESU	1 kD	308 146 09 02 E--SW
	5 kD	308 146 29 02 E--SW
	8 kD	308 146 34 02 E--SW
	10 kD	308 146 39 02 E--SW
	30 kD	308 146 59 02 E--SW
	50 kD	308 146 50 02 E--SW
	100 kD	308 146 68 02 E--SW
	300 kD	308 146 79 02 E--SW
Hydrosart®	2 kD	308 144 19 02 E--SW
	5 kD	308 144 29 02 E--SW
	10 kD	308 144 39 02 E--SW
	30 kD	308 144 59 02 E--SW
	100 kD	308 144 68 02 E--SW

Microfiltration

Sartocan® Slice 200

Membrane	Pore Size	Order Numbers Sartocan® Slice 200
PESU	0.1 µm	308 154 58 02 W--SW
Hydrosart®	0.2 µm	308 186 07 02 W--SW
	0.45 µm	308 186 06 02 W--SW

The preservation liquid is either 20% Ethanol or Glycerin.

Holding Device


Slice 200 stainless steel holder	17525--01
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Germany

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