

Enclosed filtration system

With stainless steel chassis and plastic filter plates and frames (polypropylene). The sheet filter **HERMETIX 200 P/S** is an enclosed filtration system that caters for the special requirements of the biotechnological and pharmaceutical industry. The design is based on the high hygiene and purity requirements. It can be used for a wide range of applications from fractionation of blood plasma, initial cell harvest to clarification of vaccines, enzymes or antibiotics.



HERMETIX 200 P

HERMETIX is a multiple sheet filter in enclosed design for the filtration with depth filter sheets (optional filter cloth or paper). The 100% hermetically sealing of the filter package without any leakages is realized by filter sheets inside and a circumferential gasket (O-ring) on each of the filter plates. This eliminates any product contact with the surrounding environment. Unique with the possibility of CIP cleaning and SIP sterilisation.

Technical data	HERMETIX P	HERMETIX S
Operation pressure	max. 4 bar	max. 4 bar
Temperature	at -10°C – +65°C	at -10°C – +95°C
CIP cleaning without filter sheet	at max. 1 bar at 65°C	at max. 4 bar at 95°C
SIP sanitisation	-	max. 1 bar at 131°C
Materials		
Parts in contact with product	Stainless steel AISI 316 L and polypropylene	Stainless steel AISI 316 L
Roughness	0.8 µm	0.6 µm
Other parts	Stainless steel AISI 304	
Gaskets/O-rings	Silicone, EPDM, Viton, FEP-coated (with FDA certification)	
<i>Other materials on request</i>		
Fittings		
In- and outlet	DN 20 / ¾"	

STRASSBURGER
FILTER 

Filter plates/frames		HERMETIX P	HERMETIX S
Material		Polypropylene	Stainless steel AISI 316 L
Filter plate	Filtration area:	0.064 m ²	0.076 m ²
Filter plate 15 mm	Volume:	0.48 l	0.56 l
Filter plate 20 mm	Volume:	0.64 l	0.75 l
Filter plate 25 mm	Volume:	0.80 l	0.94 l
Bulkhead plate to shorten the plate package			
Tightening			
via central spindle and manual hydraulic			
Optional			
further chassis sizes on request			

PLATE AND FRAME SHEET FILTER HERMETIX 200 P/S



Filter plate HERMETIX 200 P

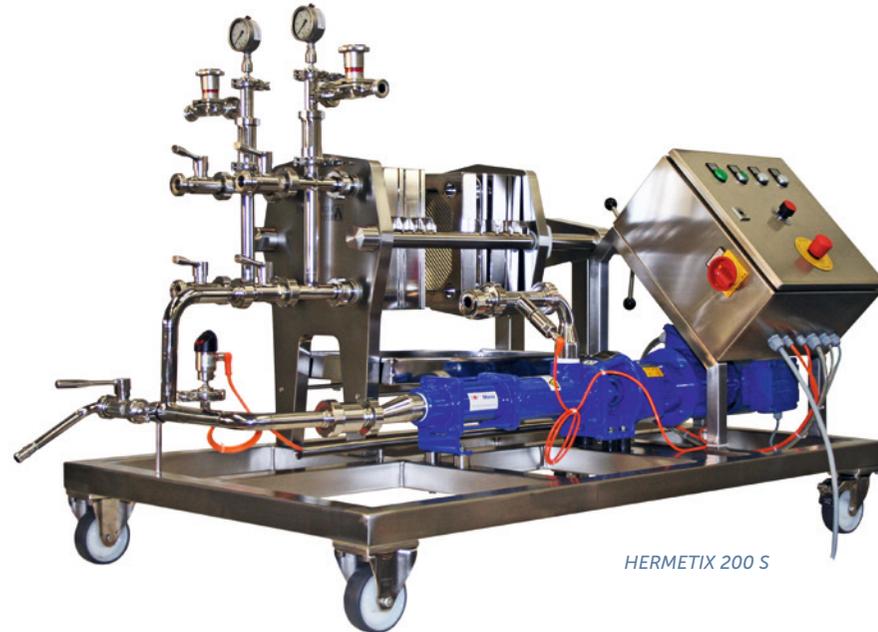
Special features

- Hermetically sealed with filter sheets inside and circumferential gasket (O-ring)
- CIP-compatible
- Complete draining and venting due to CIP design
- Filter frames without any dead spaces
- Flexibility by different widths of filter frames
- Easy to clean thanks to hygienic GMP design of chassis (angled surfaces)
- Highest surface quality and processing
- Filter plates with nub drainage profile for better liquid distribution

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Sheet filter HERMETIX 200 P/S

Cake frame mm	Filter area m ²	Volume eff. l	Filter plate/ frames Pieces	Filter sheets Pieces	Weight kg	Dimensions mm
Type HERMETIX 200 P						1200 x 610 x 950
15	0.51	3.84	7/8	17	120	
20	0.45	4.48	6/7	15	120	
25	0.38	4.8	5/6	13	120	
Type HERMETIX 200 S						1200 x 610 x 950
15	0.65	5.04	9/9	18	150	
20	0.57	6.00	8/8	16	150	
25	0.50	6.58	7/7	14	150	



HERMETIX 200 S

Here mentioned data and information are indicative and may vary in offer and order case.