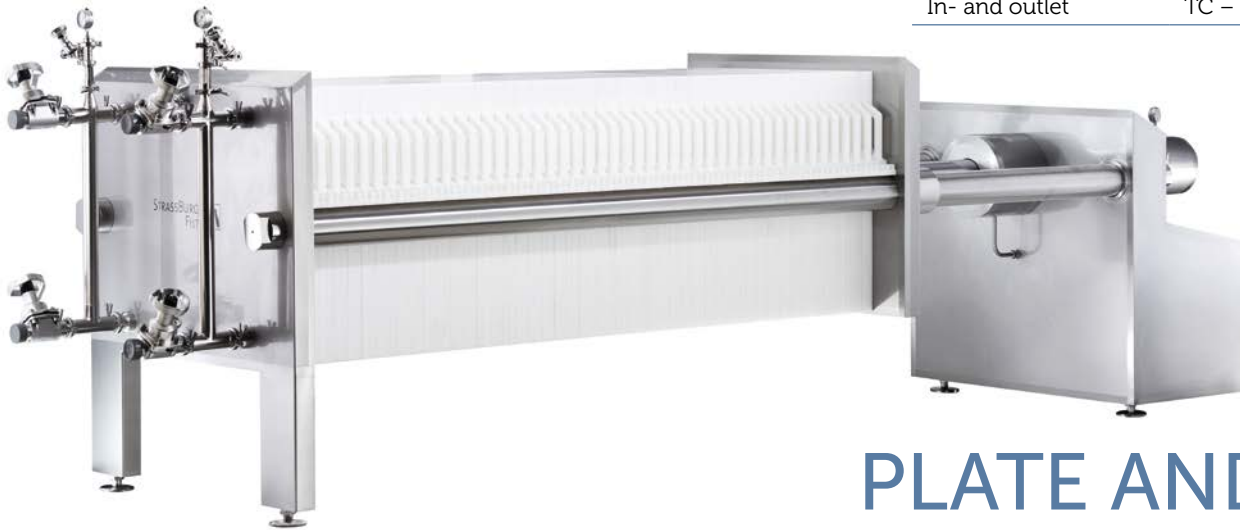


Enclosed filtration system

With stainless steel chassis and plastic filter plates and frames (polypropylene). The sheet filter **HERMETIX 1000 P** 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 is a multiple sheet filter in enclosed design for the filtration with depth filter sheets. 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.



HERMETIX 1000 P

Technical data

Operation pressure	max. 6 bar
Temperature	at -10°C – +65°C
CIP cleaning without filter sheet	max. 1 bar at 65°C
SIP sanitisation	max. 1 bar at 65°C

Materials

Parts in contact with product	Stainless steel AISI 316 or polypropylene
Roughness	< 0.8 µm
Polypropylene	< 0.8 µm (except for the areas around the eyes)
Other parts	Stainless steel AISI 304
Gaskets/O-rings	Silicone, EPDM, Viton, FEP-coated (with FDA certification)

Other materials on request

Fittings

In- and outlet	TC – DN 50 / 2"
----------------	-----------------

STRASSBURGER
FILTER 

Filter plates/frames

Material	Polypropylene
Filter plate	Filtration area: 1.50 m ²
Filter frame 15 mm	Volume: 11.3 l total/ 10.1 l eff.
Filter frame 20 mm	Volume: 15.0 l total/ 13.5 l eff.
Filter frame 25 mm	Volume: 18.8 l total/ 16.9 eff.
Filter frame 30 mm	Volume: 22.5 l total/ 20.3 l eff.
Filter frame 40 mm	Volume: 30.0 l total/ 27.0 l eff.

Bulkhead plate to shorten the plate package

Hydraulic closing of plate package

Cylinder with mechanical locking
Pneumatical or electrical operation

Options

Drip-proof filter plates without O-ring
Filtering membrane plate, CIP-compatible
Signal exchange with PCS
Design in conformity with ATEX

PLATE AND FRAME SHEET FILTER HERMETIX 1000 P



Membrane plate HERMETIX 1000 P

Special features

- Hermetically sealed with filter sheets inside
- CIP-/SIP-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

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

Strassburger Filter GmbH + Co. KG
 Filter – Anlagen – Apparatebau
 Osthofener Landstraße 14
 67593 Westhofen
 Germany
 Phone +49 62 44 / 90 800-0
 Fax +49 62 44 / 90 800-8
 info@strassburger-filter.de
 www.strassburger-filter.de

Sheet filter HERMETIX 1000 P

Cake frame mm	Filter area m ²	Volume eff. l	Filter plate/frame Pieces	Filter sheets Pieces	Weight kg	Dimensions mm
Type HERMETIX 1000 P/50-M						
15	37.5	253	24 / 25	51	6758	4170 x 1460 x 2400
20	34.5	311	22 / 23	47	6702	
25	31.5	355	20 / 21	43	6639	
30	28.5	386	18 / 19	39	6567	
Type HERMETIX 1000 P/50						
15	37.5	253	24 / 25	51	6073	3420 x 1420 x 1975
20	34.5	311	22 / 23	47	6062	
25	31.5	355	20 / 21	43	6045	
30	28.5	386	18 / 19	39	6567	
Type HERMETIX 1000 P/100-M						
15	75.0	505	49 / 50	101	8497	6270 x 1460 x 2400
20	67.5	608	44 / 45	91	8333	
25	61.5	693	40 / 41	83	8205	
30	55.5	751	36 / 37	75	8058	
Type HERMETIX 1000 P/100						
15	75.0	505	49/50	101	7112	4900 x 1420 x 1975
20	67.5	608	44/45	91	7061	
25	61.5	693	40/41	83	7023	
30	55.5	751	36/37	75	6967	

Cake frame mm	Filter area m ²	Volume eff. l	Membrane plate/ frame Pieces	Filter sheets Pieces	Weight kg	Dimensions mm
Type HERMETIX 1000 P/150-M						
15	112.5	758	74 / 75	151	10222	8295 x 1460 x 2400
20	102	918	67 / 68	137	10002	
25	91.5	1031	60 / 61	123	9757	
30	84.0	1137	55 / 56	113	9593	
Type HERMETIX 1000 P/150						
15	112.5	758	74 / 75	151	8135	6250 x 1420 x 1975
20	102	918	67 / 68	137	8073	
25	91.5	1031	60 / 61	123	7985	
30	84.0	1137	55 / 56	113	7933	
Type HERMETIX 1000 P/200						
15	150	1010	99/100	201	9098	7450 x 1420 x 1975
20	135	1215	89/90	181	8995	
25	123	1386	81/82	165	8920	
30	112.5	1523	74/75	151	8840	