

This SeFluid multi-layer sanitary plate and frame filter press series is applicable to the process operation with the requirements of fine filtration and semi-fine filtration. It is ideal for the applications of purification, sterilization and defecation with sealed filtration in the liquid processing with low viscosity and little slagging content under the concentration of 50%. By directly adopting microporous filtration film, it can realize the sterile filtration without passing the microporous film. The equipment has characteristics such as large filtration area, large flow and wide applicable range, so it is widely used in the fields of pharmacy, chemical industry and food etc. The effect will be better if used for filtration of injection liquid medicine in pharmacy factories.

**We use best material for our sanitary plate and frame filter press series**

SeFluid sanitary plate and frame filter press series is made of high quality 304 or 316L stainless steel, corrosion-resistant and durable, and can be widely used in pharmaceutical, food, beverage, water treatment, brewing, petroleum, chemical, environmental protection and other industries, and is the latest equipment for filtration, clarification, purification and sterilization of various types of liquids.

**Sealing of the Machine**

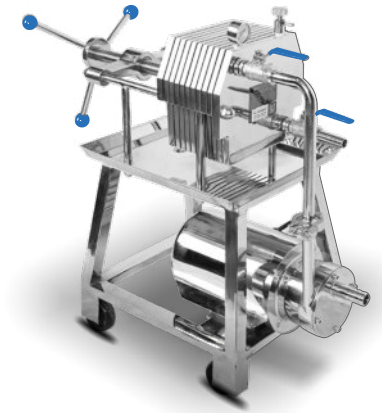
The use of convex plate filter plate effectively increases the water conductive cross-sectional area, reduces the liquid filtration, circulation resistance, so that the liquid arbitrary flow to improper dead ends, and can maintain the stability of liquid performance. The convex plate makes the filter material (filter membrane, filter paper, etc.) is not easy to break, and prolongs the service life of various filter media.

**Excellent Filtering Performance**

When a sanitary plate and frame filter press is working, the sealing rings are compressed tightly, so there is no loss of liquid, with good clarity of the liquid and good sterilization effect (especially good for microporous filter membrane). It can ensure the proceeded material to be in a sterile environment to prevent the material from being contaminated. It has the ability to achieve purification, sterilization, clarification and other fine filtration, semi-fine filtration requirements

**Features**

- With food grade tri-clamp connect, it is easy to remove and clean the machine.
- Equipped with stainless steel liquid transfer pump, low power consumption.
- The inlet is connected by a bifold ring, which is sturdy and sealed and easy to disassemble and clean.
- The flow rate is based on the filter plate size and layers, standard model with 10 layers.
- The filtration area of our sanitary plate and frame filter press series is large with good sealing performance and no penetration.
- With high precision filtration, it can filter out above 0.2 microns particles in one-time.



**SPECIFICATIONS**

MODEL	LAYER NUMBER	FILTERING AREA (M²)	FILTER MATERIAL SIZE (mm)	MEMBRANE PORE SIZE (µm)	FILTER PRESSURE (Mpa)	FLOW RATE (T/h)	MOTOR POWER (KW)	SIZE (mm)
SFT10	10	0.078	Ø100	0.8	0.15	0.8	0.55	600×300×600
SFT15	10	0.170	Ø150	0.8	0.15	1.5	0.75	650×380×650
SFT20	10	0.314	Ø200	0.8	0.15	2.0	1.1	650×400×700
SFT30	10	0.700	Ø300	0.8	0.15	4.0	1.1	700×500×800
SFT40A	10	1.250	Ø400	0.8	0.15	6.0	1.1	900×600×1000
SFT40B	16	2.000	Ø400	0.8	0.15	9.0	1.5	1000×600×1000
SFT40C	20	2.500	Ø400	0.8	0.2	10.0	1.5	1100×600×1000
SFT40D	32	4.000	Ø400	0.8	0.3	13.0	2.2	1320×600×1000
SFT50A	12	2.000	Ø500	0.8	0.3	8	1.5	1100×720×1200
SFT50B	16	3.000	Ø500	0.8	0.3	13	2.2	1350×720×1200
SFT50C	22	4.000	Ø500	0.8	0.3	16	2.2	1350×600×1200
SFT50D	26	5.000	Ø500	0.8	0.3	20	3.0	1350×720×1200