

Alioth Stainless Steel Filter Housing

Sanitary Level

Easy to Clean

Easy to Drain

High Compatibility



⊕ Product Introduction

Alioth stainless steel filter housing is designed according to sanitary requirements and GMP requirements. Combined with various materials of diaphragms and various sizes of cartridge filters produced by Alioth, it can be flexibly used at different stages of different processes in different industries. It is extremely easy to clean and drain, poses no concerns about residual liquid, and can meet the strict requirements of key material liquid and key parts for filter housing in biopharmaceutical industry. It can also be widely used in industries such as pharmaceuticals, bioengineering, food and beverages. At the same time, this filter housing is compatible with different brands of cartridge filters in the market, greatly facilitating customers to make flexible choices.

⊕ Key Features and Benefits

- Sanitary design, which meets the strict regulatory requirements of pharmaceutical industry
- Compliant with cGMP standards
- Effort-saving, safe and easy operation
- Compatible with major brands of cartridge filters in the market
- Equipped with a low-point drain valve for easy removal of residual material liquid and CIP liquid
- Equipped with a high-point vent valve to prevent filtration blockage caused by compressed gas and ensure SIP performance
- Available in a full range of specifications for laboratory research scale, clinical pilot production scale, and commercial large-scale production
- Adopt industry-standard chuck interface connection
- Can be specially customized according to the requirements of customer

⊕ Product Documentation Package

- Basic drawings of the product
- Maintenance guide and operation manual
- Calibration certificates of instruments
- Material certification documents
- Certification document of surface finish
- List of spare parts
- Custom files related to other customized products

⊕ Product Applications

- Culture media filtration
- Collection of fermentation broth
- Water for injection
- Gas filtration

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Product Specifications

Material	Filter housing: 316L stainless steel Gasket: Silicone rubber Hoop: 304 stainless steel
Filter Connector Type	Code 7/2-226
Sterilization	Available for steam sterilization in place or high-pressure moist heat sterilization
Finish	Internal polishing≤0.6 μm; external polishing≤0.8 μm
Size of Loadable Filter	2.5 inch/5 inch/10 inch/20 inch/30 inch
Size/Weight	Please refer to the drawings of products with different article numbers for details
Number of Loadable Filters	1 cartridge, 3 cartridges, 5 cartridges ※ (7 cartridges, 9 cartridges, 11 cartridges please contact sales personnel for customization)
Maximum Operating Conditions	25°C @ 10 bar; 145°C @ 3.2 bar

Information on Spare Parts

					
HSSPCTT1	HSSPOST1	HSSPGTT1	HSSPMTT1	HSSPDTB0	HSSPATDC06
1.5-inch stainless steel hoop	1.5-inch silicone gasket	1.5-inch diaphragm pressure gauge	1.5-inch stainless steel stuffy cover	Stainless steel vent valve assembly	50 mm TC to 14 mm hose connector

Ordering Information

Format HS=Stainless Steel Filter Housing HSP=Stainless Steel Filter Housing P Type	Number of filters 1=1 cartridge 3=3 cartridges 5=5 cartridges	Filter housing type T=T line N=In line C=C line	Size 02=2.5 inch 05=5 inch 10=10 inch 20=20 inch 30=30 inch	Filter connector 7=226 Spearhead with fins 8=222 Spearhead with fins
Filter housing connector A=1" pipe, 50.5 TC B=1.5" pipe, 50.5 TC C=2" pipe, 64 TC	Exhaust port V=Vent valve N=None	Drain port V=Drain valve N=None	Package 1=1/PK	