

JTGDX 单芯卫生级液体过滤器 Single Cartridge Sanitary Filter

无任何清洗死角过滤器
No dead corner filter

- JTGDX单芯卫生级液体过滤器是一款小流量的高端卫生级过滤器。
- JTGDX单芯卫生级液体过滤器具有良好的表面和最大的耐腐蚀能力，以达到防止细菌污染的质量标准，卫生级过滤器套筒独特的结构，使每一个套筒的内外面表面均没有死角、符合“GMP”规范要求，可完全拆洗，操作方便。
- JTGDX Single Fluid Sanitary Filter is high quality sanitary grade filter which service for small flow rate.
- JTGDX Single Fluid Sanitary Filter have excellent surface treatment and the maximal corrosion-resistant in order to prevent the bacterial contamination. The unique structure of the sanitary filter housing ensures inside and outside surface have no dead corner and conforms to the requirements of GMP. The filter housing can be completely disassembled and washed, easy to operate.

典型的应用

- 医药行业：各种抗菌素等药液的前置过滤。
- 食品饮料业：酒类、矿泉水、饮用水的过滤。
- 石油工业：油田注水过滤。
- 电子工业：高纯水前置过滤。
- 化学工业：各种有机溶剂、酸、碱液的过滤。

Application

- Low the pharmaceutical industry: all kinds of antibiotics such as liquid prefiltering.
- Low food and beverage, wine, mineral water, drinking water filtration.
- Low oil industry, oil field water injection filter.
- Low electronic industry: high pure water prefiltering.
- Low chemical industry: all kinds of organic solvents, acid, alkali liquor filtration.

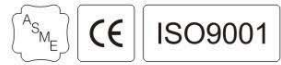
产品特点

- 超高的抛光等级，内壁采用达到 $0.3\mu\text{m}$ ，外壁达到 $0.4\mu\text{m}$ ，绝对卫生级抛光。
- 采用强力快装，最高压力可达 0.6MPa 、 1.0MPa 。
- 排气阀和排液阀：螺纹套和宝塔接头脱离，在放气和排液时，所接软管不会再随着转动。
- 过滤器的支脚采用加强螺纹，不易滑牙，更为耐用；在支脚底部可安装调节螺母，可进行过滤器的高度调节，方便使用。

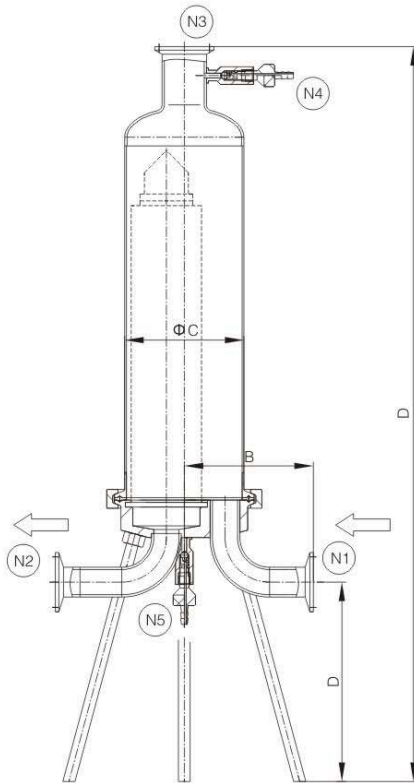
Feature

- Ultra high level of polishing, use $0.3\mu\text{m}$, the outer wall is $0.4\mu\text{m}$, absolute health level and polishing.
- Using strong fast loading, the highest pressure of 0.6MPa , 1.0MPa .
- Low exhaust valve and drain valve: threaded joint sets and pagoda from, when deflated and drainage, with the connect hose won't turn.
- Low filter supporting feet by strengthening thread, not easy sliding teeth, more durable; Can be installed adjusting nut at the bottom of the feet, can adjust the height of the filter, easy to use.





常规结构 Structure



单芯卫生级液体过滤器(222型、226型)
Single fluid sanitary filter housing(222type、226type)

操作条件 Operating Conditions

最大操作压力 Max operating pressure	0.6MPa、1.0MPa
最大操作温度 Max operating temperature	150°C
灭菌 Disinfect	在线或蒸汽灭菌: 121°C/30min Online or steam sterilization: 121°C/30min

材料 Material

过滤器壳体 Shell	304、316L
排气/液阀 Vent/ Drain valve	304
快装、支脚 Quick-open, Stabilizer blade	304
密封圈、垫片 O-ring	三元乙丙橡胶、聚四氟乙烯、 氟橡胶、硅橡胶 EPDM, PTFE, Viton, Silicone

连接 Connection

壳体连接 Connection of shell	快装 Tri-clamp
进出口N1、N2 In-outlet	快装 Tri-clamp
压力表N3(选配) N3 Pressure gauge (option)	1.5"卡接 Tri-clamp
排气阀N4(选配) N4Vent valve (option)	M6 Thread
排液阀N5(选配) N5 Drain valve (option)	M6 Thread
滤芯接头形式 Cartridges connection	222type, 226type

表面处理 Surface Finish

处理类型 Finish type	机械抛光、电解抛光、喷砂 Mechanical / Electrolytical polishing Sand blasting
抛光精度 Polishing precision	内壁 0.3 μm Inner surface Ra≤0.3 μm 外壁 0.4 μm Outside surface Ra≤0.4 μm

尺寸参数表 Dimension Parameters

	1芯 Pc		
	10"	10"	10"
A: 总高(不含压力表) Total height	625	625	625
B: 进口中心距 The distance from inlet to center		110	
C: 直径 Shell diameter		Φ 101.6	
D: 进口N1、N2离地高度 D: N1, N2 The height from in-outlet to ground		170	
进出口 In-outlet N1、N2尺寸 Size		1"	

上表数据为标准型, 仅供参考, 可根据客户要求定制; 未注长度单位为mm。
The above-mentioned data is the standard, it can customize according to customer's requirements.

JTGDX 选型表 Selection Table

[滤袋数量 Qty. of Bag Filter]	[滤袋型号 Model of Bag Filter]	[滤芯接头 Cartridges connection]	[壳体材料 Shell Material]	[进出口连接 In-outlet connection]	[密封圈 O-ring]
1R	20	S	4	K	E
1R=1芯 Pc	10=10" 滤芯 Cartridge	S=226型 Type	4= 304	K=快装 Tri-clamp	E=三元乙丙橡胶 EPDM
	20=20" 滤芯 Cartridge	T=222型 Type	6= 316L		P=聚四氟乙烯 PTFE
	30=30" 滤芯 Cartridge				V=氟橡胶 Viton
	40=40" 滤芯 Cartridge				S=硅橡胶 Silicone