

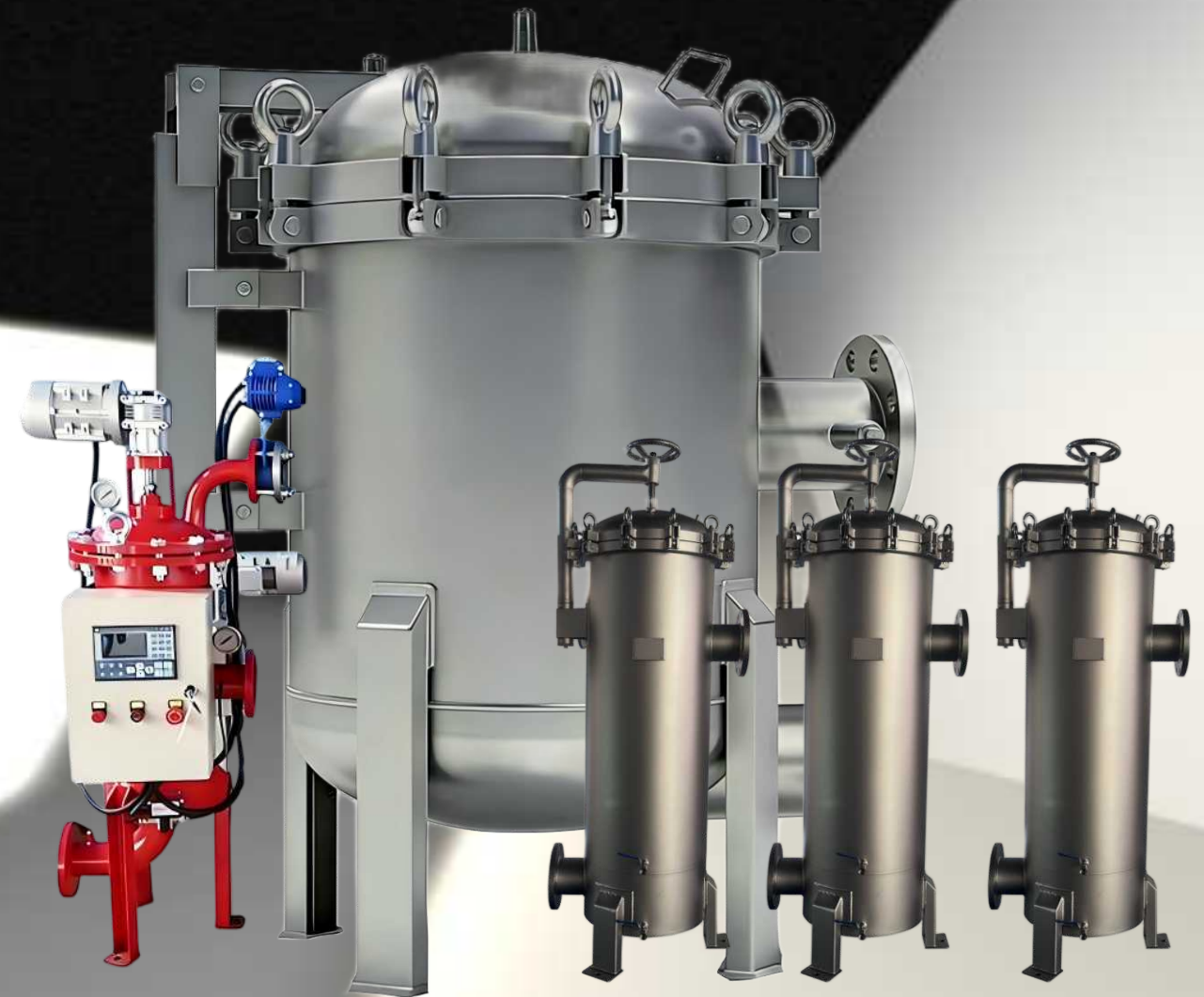


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过滤设备综合服务商

Comprehensive Filtration Equipment Service Provider



集研发/设计/生产/销售为一体的过滤设备、过滤材料生产企业

A company that integrates research & development, design, production,
and sales of filtration equipment and filtration materials.

上海浦江金滤机械有限公司
Shanghai Pujiang Jinlv Machinery Co., Ltd



上海浦江金滤机械有限公司是主要从事各类过滤分离设备设计, 生产制造, 销售过滤混合设备, 混合系统自动化工程和解决方案提供*的设计服务的综合性的公司, 本公司有多年专业技术研发工程师多名, 专业的生产技术是我们产品质量的保证。我们始终坚持“质量是企业生存的根本, 信誉是企业发展的保障”, 我们始终坚信“让利才能赢得市场, 质量才能留住客户”, 所以我们绝不生产粗制烂造的产品, 我们所有的产品出厂前均经过严格的质量检测。

Shanghai Pujiang Jinlv Machinery Co., Ltd. is a comprehensive company specializing in the design, production, and sales of various filtration and separation equipment, filtration mixing equipment, automated mixing systems, and solutions. With many years of expertise and a team of professional R&D engineers, our advanced production technology guarantees the quality of our products. We have always maintained that “quality is the cornerstone of a company’s existence, and reputation is the key to its growth.” We firmly believe that “profit-sharing is the path to market success, and quality is what keeps customers loyal.” As such, we never producing inferior products, and every product undergoes rigorous quality testing before shipment.

上海浦江金虑机械有限公司我们的产品: 不锈钢袋式过滤器, 不锈钢自清洗过滤器, 板式密闭过滤器, 塑胶袋式过滤器, 板框过滤器, 硅藻土过滤器, 活性炭过滤器, PE管过滤器, 微孔过滤器, 袋式过滤器, 精密过滤器, 多袋式过滤器, 滤芯过滤器, 板框压滤机, 离心机, 固液分离机, 非标过滤器, 防腐过滤器, 压滤机等固液分离设备, 并长期提供滤布、滤袋、滤芯、滤纸、滤膜等过滤等材料。

We offer a wide range of products, including stainless steel bag filters, stainless steel self-cleaning filters, plate-type sealed filters, plastic bag filters, plate and frame filters, diatomaceous earth filters, activated carbon filters, PE pipe filters, microporous filters, bag filters, precision filters, multi-bag filters, cartridge filters, plate and frame filter presses, centrifuges, solid-liquid separators, custom filters, anti-corrosion filters, filter presses, and other solid-liquid separation equipment. In addition, we provide long-term supplies of filtration materials, such as filter cloths, filter bags, filter cartridges, filter papers, membranes, and more.

我们的产品广泛应用于制药厂, 制糖厂, 食品饮料, 酒厂, 化工, 印染, 渔船造纸, 环保, 水处理等很多行业。Our products are extensively applied in various industries, including pharmaceuticals, sugar production, food and beverage, wineries, chemicals, textile printing and dyeing, fishing, papermaking, environmental protection, water treatment, etc.

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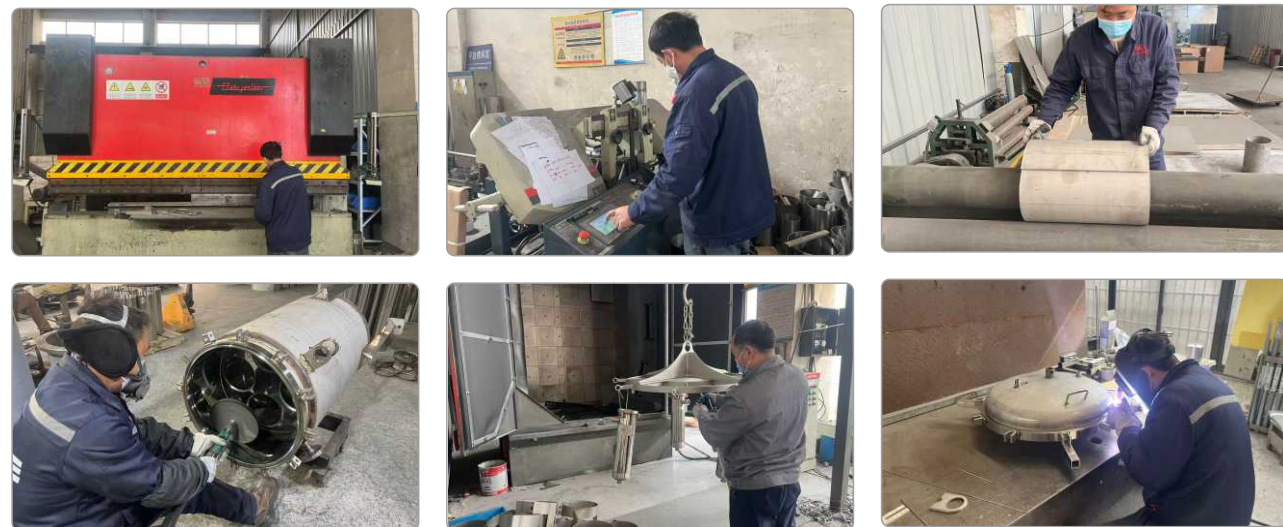
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企业资质 Business Qualification



企业文化

CORPORATE CULTURE

诚信 integrity

诚信赢得发展, 诚信聚心之魂, 诚信立足之本, 诚信是企业的基本素养和责任, 是我们赖以生存发展的根本和保障
Integrity brings development. Integrity is the soul of unity. Integrity is the foundation of our standing. Integrity is the basic quality and responsibility of an enterprise. It is the very foundation and guarantee for our survival and growth.

专注 focus

专注成就品质, 专注是一种状态, 更是一种精神, 是我们的情怀, 我们的专注力, 凝聚在对品质的追求中, 终会使我们成为行业的专家和领跑者
Focus creates quality. Focus is not only a state, but also a spirit. It is our passion and dedication. Our focus, embodied in the pursuit of quality, will eventually make us experts and leaders in the industry.

创新 innovation

创新引领未来, 我司植根于现在, 更放眼于未来, 创新是我司实现跨越式发展的力量源泉, 创新是我司续写未来传奇的核心动力
Innovation leads the future. Rooted in the present, we strive for a better tomorrow. Innovation is the source of strength for our leapfrog development. Innovation is the core driving force for us to create new legends in the future.

卓越 excellence

卓越奉献价值, 卓越是一种追求, 更是一种境界, 以追求卓越为目标、敢为人先, 永争第一, 正因为追求卓越, 所以更懂得真情奉献, 更懂得感恩回报
Excellence brings value. Excellence is not only a pursuit, but also a realm. With excellence as our goal, we dare to be pioneers and always strive for the first. It is because we pursue excellence that we understand better how to dedicate sincerely and how to be grateful and repay.

侧入式过滤器/Side-Entry Filter

► 产品信息/Product Overview

侧入式过滤器是采用从侧面进入底部出液的方式过滤，侧入口管道的连接可以根据具体需要，适应来自不同方向的要求。过滤器结构简单，内部清洁方便。螺栓紧固和整体冶炼而成的过滤器顶盖即使在高压下也可以保证完整密封，是经济型过滤器的完美选择。

Side-Entry Filter is designed with side entry and bottom discharge for liquid flow. The side inlet pipe connection can be adjusted to fit specific installation requirements. The filter’s simple structure allows for easy internal cleaning. The bolted and welded top cover ensures a secure and complete seal, even under high-pressure conditions, making it a perfect choice for economical filtration.

► 产品特点/Product Features

- 经济型过滤器，几乎满足大部分的使用要求。
- 内置弹力压紧环，可确保过滤袋的密封。
- 独特的封闭设计，避免旁漏。
- 支腿高度可随意调节。
- 各种标准与位置的进出口形式可供选择，以方便安装到管道系统上。
- 设计压力从6bar~20bar。
- 过滤器材质有碳钢、304不锈钢、316不锈钢和其他特定材质可供选择。
- Cost-effective filter that meets most operational requirements.
- Equipped with an internal elastic compression ring to ensure a secure seal for the filter bag.
- Unique closed design prevents bypass leakage.
- Adjustable support legs for flexible height adjustment.
- Available in various inlet and outlet types and configurations for easy installation into piping systems.
- Designed to operate 6bar~20bar.
- Filter materials include carbon steel, 304 stainless steel, 316 stainless steel, and other specific materials upon request.



► 应用范围 Application Range

- 电子元器件加工厂
- 葡萄酒、啤酒厂
- 石油、汽车厂
- 食品、饮料厂
- 高纯水厂
- 精细化工厂
- 造纸厂
- 制药厂等
- Electronics manufacturing plants
- Wineries and breweries
- Petroleum and automotive manufacturing
- Food and beverage production
- High pure water plant
- Fine chemicals industries
- Paper mills
- Pharmaceutical plants, etc.

■ 产品规格/Product Specifications

产品尺寸 Product Size	1号袋 Bag 1	2号袋 Bag 2	3号袋 Bag 3	4号袋 Bag 4
A	204mm	204mm	133mm	133mm
B	520mm	900mm	345mm	460mm
C	180mm	180mm	150mm	150mm
D	695mm	1075mm	503mm	618mm
E	680mm	1060mm	491mm	606mm
F	195mm	405mm	100mm	205mm
G	285mm	285mm	105mm	105mm
进出口/Inlet/Outlet(N1/N2)	DN25-50	DN25-50	DN25-50	DN25-50
压力表、排气口/Pressure Gauge, Exhaust(N3)	Rc1/4"	Rc1/4"	Rc1/4"	Rc1/4"
容积Volume	17L	28L	3L	4L

注:以上为法兰标准进出口数据, 螺纹接口数据会有变化
Note: The above refers to the flange standard inlet/outlet dimensions. The threaded connection data may vary slightly.
F*为顶盖开启后高度/F* indicates the height after the top cover is opened.
尺寸如有偏差、以实际图纸为准/Please refer to the actual drawings for any discrepancies in dimensions.

顶入式过滤器/TF/GF Top Entry Filter

► 产品信息Product Overview

顶入式过滤器是单袋过滤器中性能较为突出的产品，在设计时充分考虑到密封环节最少，排污死角最少，清洁最为容易，操作更方便等一系列保证高性能过滤的因素。过滤器采用精密铸件与不锈钢无缝钢管焊接而成，滤筒上只有两条焊缝，使得过滤器更加牢固，也更加美观。

The top-entry filter stands out as a high-performance option within the single-bag filter category. Its design optimizes minimal sealing, reduces dead spots for waste discharge, and makes cleaning and operation effortless, all while ensuring top filtration efficiency. The filter is made from precision castings welded to seamless stainless steel tubing, with just two weld seams on the filter cartridge, which enhances both its durability and appearance.

► 产品特点Product Features

- 弯头顶入进口形式，可减少纳污，清洁简易。
- 顶盖为一体成型的不锈钢精密浇铸件。
- 特别的密封设计，避免旁漏。
- 滤筒上只有两条焊缝，更加牢固美观。
- 支撑腿的高度可任意调节。
- 滤器材质有碳钢、304不锈钢、316不锈钢和其他特定材质可供选择。
- 设计压力从6bar~21bar。
- 可根据化学相容性和温度范围提供适合的密封圈。
- The elbow top-inlet design reduces dirt accumulation and simplifies cleaning.
- The top cover is a one-piece precision stainless steel casting.
- Special sealing design prevents bypass leakage.
- The filter cartridge features only two weld seams, making it stronger and more aesthetically pleasing.
- The height of the supporting legs is adjustable.
- Available in materials such as carbon steel, 304 stainless steel, 316 stainless steel, and other specific materials.
- Designed to operate 6bar~20bar.
- Sealing rings can be customized based on chemical compatibility and temperature requirements.



► 应用范围 Application Range

- 电子元器件加工厂
- 葡萄酒、啤酒厂
- 石油、汽车厂
- 食品、饮料厂
- 高纯水厂
- 精细化工厂
- 造纸厂
- 制药厂等
- Electronics manufacturing plants
- Wineries and breweries
- Petroleum and automotive manufacturing
- Food and beverage production
- High pure water plant
- Fine chemicals industries
- Paper mills
- Pharmaceutical plants, etc.

■ 产品规格/Product specifications

产品尺寸 Product Size	1号袋 Bag 1	2号袋 Bag 2
A	219mm	219mm
B	390mm	770mm
C	255mm	255mm
D	280mm	280mm
E	565mm	945mm
F	575mm	955mm
G	100mm	405mm
进出口/Inlet/Outlet(N1/N2)	DN50	DN50
压力表、排气口/Pressure Gauge, Exhaust(N3)	Rc1/4"	Rc1/4"
容积Volume	17L	28L

注：尺寸如有偏差，以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.

摇臂式过滤器/MFL Series

► 产品信息/Product Overview

考虑到许多应用场景有高溶污或大流量过滤需求，我们设计制造了MFL系列多袋式过滤器。多袋式设计一般提供常规3–12袋，单机最多可到24袋。摇臂袋式过滤器采用快开式设计，有上盖辅助提升吊臂，是一款经济安全可靠的过滤器。

The MFL series multi-bag filters are specifically designed for applications that require high dirt-holding capacity or large-volume filtration. Available in configurations ranging from 3 to 12 bags, and capable of handling up to 24 bags per unit, these filters are highly adaptable. Equipped with a quick-release top cover and an assistive lifting arm, it is an economical, safe, and reliable filter.

► 产品特点/Product Features

- 快捷安全，简单高效，具有高生产力。
- 经济实用，耐压高，密封性能好。
- 滤袋支撑采用电抛光不锈钢多孔支撑滤篮。
- 采用优质O形圈密封，方便可靠。
- 侧入底出的过滤方式，排污更加彻底。
- 采用切向出口，环首螺栓设计。
- 标准模式为3–23袋 (1号袋和2号袋)。
- 滤袋和过滤器壳体之间拥有良好的密封性能，因其具有独特的三点式滤袋固定方式。
- High productivity with secure, easy-to-use, and efficient design.
- Practical and cost-effective, with impressive pressure resistance and sealing reliability.
- Filter bag support is constructed from electropolished stainless steel with a multi-porous support basket.
- Sealed with premium O-rings, providing reliable and easy sealing.
- Side inlet and bottom outlet for more thorough drainage
- Tangential outlet, and eye bolt design.
- Available in standard configurations 3–23 bags (Bag 1 and Bag 2).
- The filter bags and filter housing are securely sealed with a unique three-point filter bag fastening mechanism.



► 应用范围 Application Range

- 电子元器件加工厂
- 葡萄酒、啤酒厂
- 石油、汽车厂
- 食品、饮料厂
- 高纯水厂
- 精细化工厂
- 造纸厂
- 制药厂等
- Electronics manufacturing plants
- Wineries and breweries
- Petroleum and automotive manufacturing
- Food and beverage production
- High pure water plant
- Fine chemicals industries
- Paper mills
- Pharmaceutical plants, etc.

■ 产品规格/Product Specifications

产品尺寸 Product Size	3袋 Bag 3	4袋 Bag 4	6袋 Bag 6	8袋 Bag 8	12袋 Bag 12	17袋 Bag 17	23袋 Bag 23
A	250mm	225mm	300mm	200mm	220mm	250mm	250mm
B	520mm	527mm	450mm	528mm	528mm	450mm	535mm
C	400mm	450mm	520mm	600mm	680mm	750mm	820mm
D	450mm	500mm	600mm	750mm	950mm	1050mm	1200mm
E	456mm	506mm	608mm	758mm	960mm	1062mm	1212mm
F	Ø18	Ø18	Ø18	Ø18	Ø24	Ø24	Ø24
H	1385mm	1360mm	1435mm	1435mm	1560mm	1600mm	1830mm
进出口/Inlet/Outlet(N1/N2)	DN80	DN100	DN150	DN150	DN200	DN250	DN250
压力表、排气口/Pressure Gauge/Exhaust(N3)	Rc1/4"	Rc1/4"	Rc1/4"	Rc1/4"	750L	Rc1/4"	Rc1/4"
排污口/Drainage(N4)	Rc1"	Rc1"	Rc1"	Rc1"	Rc1/4"	Rc1"	Rc1"
容积/Volume	180L	225L	274L	450L	Rc1"	995L	1336L
净重量/Net Weight	155kg	210kg	255kg	315kg	620kg	880kg	1000k8

注：尺寸如有偏差，以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.

多袋蚌开式过滤器/Multi-Bag, Clamshell-Style Filter

► 产品概述/Product Overview

袋式过滤器设计为侧入底出，排污更加彻底。切向出口设计，使外壳高度变低，90°垂直开盖，滤袋更换更加方便安全。螺栓紧固方式密封盖体配合优质法兰和密封环口，具有良好的防漏性能。自平衡机构可使顶盖垂直开启，在任一角度都处于重力平衡状态。内部独特的三点压紧装置可在任何情况下避免旁漏。The bag filter is designed with side entry and bottom exit for more thorough drainage. The tangential outlet design reduces the height of the housing, and the 90° vertical cover opening makes filter bag replacement more convenient and safe. The bolt-fastening sealing cover, coupled with high-quality flanges and sealing rings, provides excellent leak prevention performance. The self-balancing mechanism allows the top cover to open and close vertically, maintaining a state of gravitational balance at any angle. The unique three-point clamping device inside prevents side leakage under any circumstances.

► 产品特点/Product Features

- 侧入底出，排污更加彻底，切向出口，环首螺栓设计。
- 重力平衡机构，顶盖开启轻松省力，单手即可完成操作。
- 内部独特的三点压紧装置确保良好的滤袋密封性，避免液体旁漏。
- 操作简单，经济实用。
- Side inlet and bottom outlet for more thorough drainage, tangential outlet, and eye bolt design.
- Gravity balance mechanism, making it easy and effortless to open the top cover, which can be operated with one hand.
- The unique three-point clamping device inside ensures good sealing performance of the filter bag, preventing liquid leakage.
- Easy to operate, economical and practical.



► 应用范围 Application Range

- 食品、饮料
- 高纯水终端过滤
- 造纸
- 电子行业
- 精细化工业产品过滤
- 制药等
- 石油、汽车
- 葡萄酒灌装过滤
- Food & Beverage
- High Purity Water Filtration
- Pulp & Paper
- Electronics Industry
- Fine Chemical Filtration
- Pharmaceutical Industry
- Oil & Automotive
- Wine Bottling Filtration

■ 产品规格/Product Specifications

产品尺寸	3袋 Bag 3	4袋 Bag 4	6袋 Bag 6	8袋 Bag 8	12袋 Bag 12	17袋 Bag 17	23袋 Bag 23
A	250mm	225mm	300mm	200mm	220mm	250mm	250mm
B	520mm	527mm	450mm	528mm	528mm	450mm	535mm
C	400mm	450mm	520mm	600mm	680mm	750mm	820mm
D	450mm	500mm	600mm	750mm	950mm	1050mm	1200mm
E	1571mm	1599mm	1657mm	1796mm	2004mm	2181mm	2516mm
F	456mm	506mm	608mm	758mm	960mm	1062mm	1212mm
G	ø18	018	018	018	024	024	024
H	1185mm	1160mm	1235mm	1235mm	1360mm	1400mm	1630mm
进出口/Inlet (N 1 / N 2)	DN80	DN100	DN150	DN150	DN200	DN250	DN250
排气口/Exhaust(N 3)	Rc1/2"	Rc1/2"	Rc1/2"	Rc1/2"	Rc1/2"	Rc1/2"	Rc1/2"
压力表口/Pressure Gauge(N 4)	Rc1/4"	Rc1/4"	Rc1/4"	Rc1/4"	Rc1/4"	Rc1/4"	Rc1/4"
排污口/Drainage(N 5)	Rc1"	Rc1"	Rc1"	Rc1"	Rc1"	Rc1"	Rc1"
容积/Volume	180L	225L	274L	450L	750L	995L	1336L
净重量/Net Weight	155kg	210kg	255kg	315kg	620kg	880kg	1000kg

注：尺寸如有偏差，以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.

快开式过滤器/Quick-Open Filter

产品信息/Product Overview

在人工成本日益增高的今天，需要一款开启快速方便的过滤器。MFQ过滤器操作简单方便，完全解决了开启螺栓耗时费力的苦恼。从3袋到23袋的过滤器，开启都是只需30秒完成，此过滤器设计为侧入底出，排污更加透彻。是一款经济性快开过滤器。

As labor costs continue to rise, there is a growing need for a filter that opens quickly and conveniently. The MFQ filter is designed for simple and efficient operation, addressing the hassle of manual bolt tightening. Whether for 3 bags or up to 23, this filter can be fully opened in just 30 seconds. Featuring a side-entry, bottom-out design, it guarantees efficient waste removal. This quick-open filter is the perfect cost-effective solution for your filtration needs.

产品特点/Product Features

- 不需要工具协助，就可以实现30秒内开合过滤器。
- 手柄设计充足考虑操作人员的安全性。
- 有弹簧或气压杆辅助提升顶盖，只需轻触筒盖，就可开启过滤器。
- 定位指引设计，可保证盖子开合精准到位。
- 底部出口切线式设计，最大限度的减低了过滤器的高度，让换袋作业更为方便。
- 快开式多袋式过滤器的袋数可提供3袋至23袋。
- 设计压力从6bar~12bar。
- 滤器材质有碳钢、304不锈钢、316不锈钢和其他特定材质可供选择。
- No tools needed—open and close the filter in 30 seconds.
- Safety-focused handle design.
- Spring or gas-assisted rods to lift the top cover—easy to open with just a touch.
- Positioning guide for accurate lid closure.
- Tangential bottom outlet reduces height for easier bag changes.
- 3 to 23 bags configuration available.
- Designed to operate 6bar~20bar.
- Available in materials such as carbon steel, 304 stainless steel, 316 stainless steel, and other specific materials.



应用范围/Application Range

- 高纯水厂
- 葡萄酒、啤酒厂
- 精细化工厂
- 石油、汽车厂
- 造纸厂
- 食品、饮料厂
- 制药厂等
- High pure water plant
- Wineries and breweries
- Fine chemicals industries
- Petroleum and automotive manufacturing
- Paper mills
- Food and beverage production
- Pharmaceutical plants, etc.

产品规格/Product Specifications

产品尺寸 Product Size	3袋 Bag 3	4袋 Bag 4	6袋 Bag 6	8袋 Bag 8	12袋 Bag 12	17袋 Bag 17	23袋 Bag 23
A	250mm	225mm	300mm	200mm	220mm	250mm	250mm
B	520mm	527mm	450mm	528mm	528mm	450mm	535mm
C	400mm	450mm	520mm	600mm	680mm	750mm	820mm
D	450mm	500mm	600mm	750mm	950mm	1050mm	1200mm
E	1806mm	1781mm	917mm	2029mm	2256mm	2421mm	2586mm
F	456mm	506mm	608mm	758mm	960mm	1062mm	1212mm
G	Ø18	Ø18	Ø18	Ø18	Ø24	Ø24	Ø24
H	420mm	1342mm	1495mm	1468mm	1612mm	1640mm	1700mm
进出口/Inlet (N 1 / N 2)	DN80	DN100	DN150	DN150	DN200	DN250	DN250
排气口/Exhaust(N 3)	Rc1/2"	Rc1/2"	Rc1/2"	Rc1/2"	Rc1/2"	Rc1/2"	Rc1/2"
压力表口/Pressure Gauge(N 4)	Rc1/4"	Rc1/4"	Rc1/4"	Rc1/4"	Rc1/4"	Rc1/4"	Rc1/4"
排污口/Drainage(N 5)	Rc1"	Rc1"	Rc1"	Rc1"	Rc1"	Rc1"	Rc1"
容积/Volume	180L	225L	274L	450L	750L	995L	1336L
净重量/Net Weight	155Kg	210Kg	255Kg	315Kg	620Kg	880Kg	1000Kg

注：尺寸如有偏差，以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.

全塑型过滤器(单袋)/Full Plastic Filter (Single Bag)

产品信息/Product Overview

考虑到许多应用场景有耐腐蚀的需求，我们设计制造了PF系列过滤器。过滤器有PVDF、PPH材质，适用于高温、高浓度的盐酸、硫酸、王水等强酸、强碱的腐蚀性强的过滤场合。

To address the corrosion-resistant requirements of numerous applications, we have developed the PF series filters. Made from PVDF and PPH materials, these filters are perfect for filtration in highly corrosive environments, including those with high temperatures and concentrated strong acids like hydrochloric acid, sulfuric acid, and aqua regia, as well as strong alkaline solutions.

产品特点/Product Features

- 过滤器可以与标准的1号袋、2号袋和4号袋适配。
- 过滤器一体注塑成型，没有任何螺旋状的纹路与焊接，保证了产品安全密封。
- 网篮一体成型，网篮外表有分布均匀有序的突出实心方型柱，增大了网篮的抗压性。
- 快开式顶盖设计，不需要工具就能方便开启。
- 整体铸造成型的支撑腿坚固结实，让安装也更加方便。
- 进出口有国标、美标、日标、德标的法兰和螺纹形式可供选择。
- The filter is compatible with standard size 1, 2, and 4 filter bags.
- Made with an integrated injection molding process, the filter has no spiral patterns or welding, guaranteeing a safe, sealed structure.
- The mesh basket is one-piece molded with evenly spaced, solid square protrusions that increase its pressure resistance.
- The quick-release top cover is designed for easy, tool-free opening.
- The robust, integrally molded support legs offer excellent durability and easy installation.
- The inlet and outlet flanges and threads are available in national, American, Japanese, and German standards for flexible connection options.



应用范围 Application Range

- 电子元器件加工厂
- 葡萄酒、啤酒厂
- 石油、汽车厂
- 食品、饮料厂
- 高纯水厂
- 精细化工厂
- 造纸厂
- 制药厂
- Electronics manufacturing plants
- Wineries and breweries
- Petroleum and automotive manufacturing
- Food and beverage production
- High pure water plant
- Fine chemicals industries
- Paper mills
- Pharmaceutical plants

产品规格/Product Specifications

产品型号 Model	产品材质 Material	滤袋型号 Filter Bag Model	设计压力 (MPa) Design Pressure (MPa)	最大流量 (m³/h) Maximum Flow Rate (m³/h)	过滤面积 (m²) Filter Area (m²)	进出口尺寸 (DN) Inlet/Outlet Size (DN)	工作温度 (°C) Working Temperature (°C)
PJ0102	PPH	2号袋/Bag 2	0.8	40	0.5	50/65	80
PJ0102	PVDF	2号袋/Bag 2	0.8	40	0.5	50/65	120
PJ0101	PPH	1号袋/Bag 1	0.8	20	0.25	50	80
PJ0104	PPH	4号袋/Bag 4	0.8	12	0.12	40	80

注：尺寸如有偏差，以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.

全塑型PP过滤器(多袋)/Fully Plastic PP Filter (Multi-bag)

产品信息/Product Overview

全塑型过滤器多袋系列采用专用耐化学性的PPH材质,能用于大部份的酸性、碱性液体及部分熔济过滤。

The multi-bag fully plastic filter series is made from specialized, chemically resistant PPH material. It is suitable for filtering most acidic and alkaline liquids, as well as certain slurries.

过滤器由主体、滤篮、压滤袋、压袋器、环罩、上盖组成。用户根据需求,可选择不同过滤精度的滤袋达到过滤品质的需求;滤袋环口与主体内壁紧密接触,有效防止液体旁漏。上盖与主体用吊环螺栓连接密封、能轻松锁紧与拆卸。
The filter consists of the body, filter basket, filter bags, bag press, ring cover, and top cover. Based on the user's requirements, different filter bags with various filtration precision can be chosen to meet filtration quality needs. The bag ring is tightly fitted to the inner wall of the filter body, effectively preventing liquid bypass. The top cover and body are sealed with hanging ring bolts, making it easy to lock and disassemble.

产品特点/Product Features

- 主体与出入口法兰、安装底座、固定网篮孔板连成一体,提高了产品安全密封性,无漏液及损坏。
- 法兰螺栓孔距多功能,可配国标、美标、日标、德标法兰。
- 安装底座增强安全性及稳固性,便于固定。桶体底部抬高(高于出口)便于清洗的介质排放。
- 产品主体下侧左右设有液体出口,便于客户选择安装出口管路方向。
- 网篮一体成型,网篮外表有分布均匀、排列有序的突出实心方型柱,增大了网篮抗压性。
- 上盖一体成型,盖内做了特殊的设计,获得了国家认可的专利,增强盖子的抗压力。
- The body, inlet and outlet flanges, installation base, and mesh basket plate are all connected as one, creating a strong seal that prevents leaks and damage.
- The flange bolt hole spacing is versatile and can accommodate multiple flange standards, including national, American, Japanese, and German specifications.
- The installation base improves stability and security, while the raised bottom of the barrel (higher than the outlet) makes it easier to discharge and clean the medium.
- The body includes liquid outlets on both sides, giving the customer flexibility to choose the outlet pipe direction.
- The mesh basket is integrally molded with uniformly distributed, orderly arranged solid square pillars on its exterior, which enhances the basket's compressive strength.
- The top cover is molded as a single piece, with a special internal design that has been patented and nationally recognized, improving the cover's resistance to pressure.

应用范围/Application Range

- 电子元器件加工厂
- 葡萄酒、啤酒厂
- 精细化工厂
- 石油、汽车厂
- 造纸厂
- 食品、饮料厂
- 制药厂等
- Electronics manufacturing plants
- Wineries and breweries
- Fine chemicals industries
- Petroleum and automotive manufacturing
- Paper mills
- Food and beverage production
- Pharmaceutical plants, etc.



产品规格/Product Specifications

产品型号 Model	产品材质 Material	滤袋型号 Filter Bag Model	设计压力 (MPa) Design Pressure (MPa)	最大流量 (m³/h) Maximum Flow Rate (m³/h)	过滤面积 (m²) Filter Area (m²)	进出口尺寸 (DN) Inlet/Outlet Size (DN)	工作温度 (°C) Working Temperature (°C)
PJ0402	PPH	2号袋/Bag 2	0.8	160	2	100/150	80
PJ0502	PPH	2号袋/Bag 2	0.8	200	2.5	100/150	80

注:尺寸如有偏差,以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.





卫生级液体过滤器(单芯)/Sanitary Liquid Filter (Single Cartridge)

产品信息/Product Overview

PJS是卫生级液体过滤器里一个单芯过滤器系列,是一款小流量的高端卫生级过滤器。PJS的过滤器设计完全符合卫生级和GMP的要求,是一款应用在生命科学领域的高端液体过滤器。结构无卫生死角,易清洗,排液彻底,无残液顾虑;机械抛光的同时还可选择电解抛光,最高可达0.2μm的抛光精度。

The PJS series is a high-end, low-flow sanitary liquid filter featuring a single-cartridge design. It is fully compliant with sanitary and GMP standards and is intended for use in life science industries. Its hygienic construction prevents dead zones, enables easy cleaning, and ensures full drainage with no liquid hold-up. The housing is mechanically polished as standard, with optional electropolishing available to achieve a surface finish of up to 0.2 μm.

产品特点/Product Features

- 超高的抛光等级,内壁采用达到0.2μm;外壁达到0.4μm,绝对卫生级抛光。全系列可选择电解抛光。
- 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。
- 有效地增加排气孔和排液孔的内径,可接8mm的管子,增加效率。
- 采用新型分段式卡箍,比普通的卡箍耐压高20%,承受更高的压力。
- 在耐压要求特别高的情况下可选择采用强力卡箍,可完美密封聚四氟乙烯的密封圈,最高耐压可达1.0Mpa。
- 过滤器的支脚采用加强螺纹,不易滑牙,可耐100次使用。并且在支脚的底部安装可调节螺母,可进行过滤器的高度调整,方便使用。
- High-grade surface treatment: internal finish up to 0.2 μm and external 0.4 μm, ensuring hygienic standards; full-series electropolishing option.
- Vent and drain valve assembly prevents hose twisting during gas release or liquid discharge.
- Larger vent and drain port bores accommodate 8 mm tubing, enhancing operational efficiency.
- Innovative sectional clamp structure delivers 20% higher pressure capacity than traditional clamps.
- In high-pressure conditions, a high-strength clamp can be used to securely seal the PTFE gasket, with a maximum pressure tolerance of 1.0 Mpa.
- The filter's legs feature reinforced threading to prevent stripping and can withstand up to 100 cycles. An adjustable nut at the bottom allows easy height modification for better adaptability.



应用范围/Application Range

- 电子元器件加工厂
- 高纯水厂
- 葡萄酒、啤酒厂
- 精细化工厂
- 石油、汽车厂
- 造纸厂
- 食品、饮料厂
- 制药厂
- Electronics manufacturing plants
- High pure water plant
- Wineries and breweries
- Fine chemicals industries
- Petroleum and automotive manufacturing
- Paper mills
- Food and beverage production
- Pharmaceutical plants



产品规格/Product Specifications

型号 Model	ength of cartridge	A(m/m)	B(m/m)	G(m/m)	D(m/m)	E(m/m)	重量 Weight
PJS-110	10"	0101.6	115	86	370	200	4.5kg
PJS-120	20"	0101.6	115	86	620	200	6.0kg
PJS-130	30"	0101.6	115	86	810	200	7.5kg

注:尺寸如有偏差,以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.

PJA/D/E/F卫生级液体过滤器(多芯)/Sanitary Liquid Filter (Multi-Cartridge)

产品信息/Product Overview

该系列过滤器设计完全符合卫生级和GMP的要求,是一款应用在生命科学领域的高端液体过滤器。结构无卫生死角,易清洗,排液彻底,无残液顾虑。抛光精度最高可达0.2μm,对于12英寸以下的过滤器在机械抛光的同时可选择电解抛光,彻底解决抛光死角问题。对于部分清洗非常苛刻的应用,可将过滤器的花盘做成拆卸式,实现全角度清洗。

Designed in full compliance with sanitary and GMP standards, this multi-cartridge filter is ideal for high-end liquid filtration applications within the life sciences industry. Its design eliminates sanitary dead zones, simplifying cleaning and ensuring complete drainage with no residual liquid. With a polishing precision as fine as 0.2μm, this filter offers a high level of cleanliness. For filters under 12 inches, electro-polishing can be used in conjunction with mechanical polishing to ensure thorough surface treatment. For particularly demanding cleaning procedures, the filter's flower plate can be made removable for all-angle cleaning.

- PJA: 下筒体开口,花盘不可拆卸 下进下出
PJD: 上下筒体开口,花盘不可拆卸 下进下出
PJE: 下筒体开口,花盘可拆卸 下进下出
PJF: 上下筒体开口,花盘可拆卸 下进下出
- PJA: Features a bottom-entry design with a non-removable flower plate, with bottom inlet and outlet.
PJD: Includes both top and bottom entries, with a non-removable flower plate and bottom inlet and outlet.
PJE: Bottom-entry design with a removable flower plate, with fluid entering and exiting from the bottom.
PJF: Both top and bottom entries with a removable flower plate and bottom inlet and outlet.

产品特点/Product Features

- 超高的抛光等级,内壁采用达到0.2μm;外壁达到0.4μm,绝对卫生级抛光。12英寸以下全系列可选择电解抛光。
- 排气阀可选快装形式,可完全拆卸,无卫生死角。
- 小规格系列过滤器的支脚安装调节螺母,可对高度进行调节,确保过滤器的稳定。
- 过滤器的花盘,除默认固定式外,可做成可拆卸式实现彻底清洗。
- Ultra-high polishing level with the inner surface achieving 0.2μm and the outer surface 0.4μm, ensuring absolute sanitary-grade finish. Electro-polishing is available for the entire series below 12 inches.
- Optional quick-connect exhaust valve, fully detachable, with no sanitary dead zones.
- Adjustable mounting nut on the legs of small-sized filters, allowing height adjustment for enhanced filter stability.
- The filter flower plate, in addition to the default fixed version, can be made removable for thorough cleaning.

应用范围/Application Range

- 食品、饮料除菌过滤
- 白酒、葡萄酒灌装过滤
- 高纯水终端过滤
- 生物制药
- Sterilization filtration for food and beverages
- Filtration for spirits (e.g., baijiu) and wine bottling
- Terminal filtration of ultra-pure water
- Biopharmaceutical industries



PJA/D/E/F卫生级液体过滤器(多芯)/Sanitary Liquid Filter (Multi-Cartridge)

产品规格/Product Specifications

型号 Model	N1/N2	N3	A (mm)	B(mm)	C(mm)	D(mm)	E(mm)	F (mm)	G (mm)	容积
PJA-310	T25	T25	Ø200	120	150	390	360	Ø220	12	8L
PJA-320	T25	T25	Ø200	120	150	640	360	Ø220	12	12L
PJA-330	T25	T25	Ø200	120	150	890	360	Ø220	12	16L
PJA-510	T32	T25	Ø219	120	150	470	380	Ø270	12	12L
PJA-520	T32	T25	Ø219	120	150	720	380	Ø270	12	20L
PJA-530	T32	T25	Ø219	120	150	970	380	Ø270	12	30L
PJA-820	T50	T25	Ø300	120	150	760	450	Ø340	14	35L
PJA-830	T50	T25	Ø300	120	150	1010	450	Ø340	14	50L
PJA-840	T50	T25	Ø300	120	150	1260	450	Ø340	14	70L
PJA-1220	T65	T25	Ø350	120	150	770	500	Ø390	14	50L
PJA-1230	T65	T25	Ø350	120	150	1020	500	Ø390	14	75L
PJA-1240	T65	T25	Ø350	120	150	1270	500	Ø390	14	100L
PJA-1720	T80	T25	Ø400	120	150	780	550	Ø420	14	70L
PJA-1730	T80	T25	Ø400	120	150	1030	550	Ø420	14	100L
PJA-1740	T80	T25	Ø400	120	150	1280	550	Ø420	14	130L
PJA-2120	T80	T25	Ø450	120	150	790	600	Ø470	14	90L
PJA-2130	T80	T25	Ø450	120	150	1040	600	Ø470	14	130L
PJA-2140	T80	T25	Ø450	120	150	1290	600	Ø470	14	170L
PJA-3020	T80	T25	Ø500	120	150	830	650	Ø520	14	110L
PJA-3030	T80	T25	Ø500	120	150	1080	650	Ø520	14	160L
PJA-3040	T80	T25	Ø500	120	150	1330	650	Ø520	14	210L
PJA-4020	T80	T25	Ø600	120	150	1020	750	Ø620	18	180L
PJA-4030	T80	T25	Ø600	120	150	1270	750	Ø620	18	250L
PJA-4040	T80	T25	Ø600	120	150	1520	750	Ø620	18	320

注：尺寸如有偏差，以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.

多芯过滤器/Multi-Cartridge Filter

产品信息/Product Overview

PJX系列标准设计过滤器采用全焊接型式, 坚固可靠, 并且经过认证。可以安装1至242根标准滤芯(滤芯直径2.5, 端口可选)。

PJX series standard filters use a full welded design that provides a robust and reliable structure, with certified quality. The housing can be fitted with 1-242 standard filter cartridges (Ø2.5", optional end connections).

产品特点/Product Features

- 标准型结构设计, 采用碳钢、不锈钢材质 (304、316L) ;
- 四个压力等级有效地覆盖了工业应用的整个范围;
- 设计标准可以满足客户的需求;
- 滤芯牢固的安装使简单的预过滤就可去除亚微米级微粒;
- 过滤器关闭的盖体压紧滤芯确保滤芯密封可靠;
- 严格的国际设计标准确保所有工况下的操作安全;
- 致命、致癌的高危液体能被安全地过滤, 不会对操作人员产生危害;
- 为了缩短更换内件的时间, 有活结螺栓或快开可供选择;
- 全焊接结构形式为客户的需求变更提供了灵活性;
- Standard construction design, offered in carbon steel, 304 SS, and 316L SS.
- Four pressure ratings effectively cover industrial operating ranges.
- Design codes and specifications can be tailored to customer needs.
- Rigid cartridge fixing enables pre-filtration down to submicron levels.
- Cover closure mechanism compresses cartridges for dependable sealing.
- Complies with strict international design standards to ensure operational safety.
- Capable of safely filtering highly hazardous, fatal, or carcinogenic liquids without endangering operating personnel.
- Hinged bolts or quick-opening mechanisms are optional to shorten maintenance time.
- All-welded construction enables flexible accommodation of customer specification changes.

产品规格/Product size specifications

型号 Model	N1/N2	N3	N4/N5	A (mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G (mm)	容积
PJX-510	DN25	Rc1/4"	Rc1/2"	Ø200	70	250	490	340	190	12	10L
PJX-520	DN25	Rc1/4"	Rc1/2"	Ø200	70	300	710	340	190	12	18L
PJX-530	DN50	Rc1/4"	Rc1/2"	Ø200	100	500	980	340	190	12	26L
PJX-540	DN50	Rc1/4"	Rc1/2"	Ø200	100	600	1255	340	190	12	34L
PJX-710	DN25	Rc1/4"	Rc1/2"	Ø219	70	250	495	360	210	12	12L
PJX-720	DN25	Rc1/4"	Rc1/2"	Ø219	70	300	715	360	210	12	22L
PJX-730	DN50	Rc1/4"	Rc1/2"	Ø219	100	500	985	360	210	12	32L
PJX-740	DN50	Rc1/4"	Rc1/2"	Ø219	100	600	1260	360	210	12	42L
PJX-910	DN50	Rc1/4"	Rc1/2"	Ø250	100	250	510	390	240	12	12L
PJX-920	DN50	Rc1/4"	Rc1/2"	Ø250	100	300	730	390	240	12	22L
PJX-930	DN50	Rc1/4"	Rc1/2"	Ø250	100	500	1000	390	240	12	32L
PJX-940	DN50	Rc1/4"	Rc1/2"	Ø250	100	600	1275	390	240	12	42L
PJX-1210	DN50	Rc1/4"	Rc1/2"	Ø250	100	250	525	440	290	14	30L
PJX-1220	DN50	Rc1/4"	Rc1/2"	Ø300	100	300	745	440	290	14	45L
PJX-1230	DN50	Rc1/4"	Rc1/2"	Ø300	100	500	1015	440	290	14	60L
PJX-1240	DN50	Rc1/4"	Rc1/2"	Ø300	100	600	1290	440	290	14	75L

注：尺寸如有偏差，以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.



应用范围 Application Range

- 通常的粒子过滤
- 催化剂和碳粒过滤
- 膜过滤的粗过滤
- 海水过滤
- General particulate filtration
- Catalyst and carbon particle filtration
- Pre-filtration for membrane systems
- Seawater filtration

深层膜堆/Deep Membrane Stack

产品信息/Product Overview

深层膜堆具有多种纸板材可选, 可广泛应用于制药以及食品饮料行业。纸板通过纤维素和无机助滤剂(硅藻土等)复合而成, 具有筛分、深度、静电吸附三种功能。组件压片和把手, 客户可根据需要选择。

The deep membrane stack is available with multiple board material options and is widely applied in the pharmaceutical and food & beverage sectors. The board material is a composite of cellulose and inorganic filter aids (like diatomaceous earth), combining screening, depth filtration, and electrostatic adsorption functions. The components come with tablet presses and handles, which can be selected based on customer needs.

PJV系列选用国产纸板, 具有通量大、高经济的特点, 被过滤液体通过大量迷宫状的、细小的、长度各异的三维空间得到有效控制, 更微小的固体和微生物在纸板正电荷吸附下拦截留住。

The PJV series utilizes locally sourced boards with high flux and excellent cost-effectiveness. The filtered liquid is directed through a maze of tiny, varying-length three-dimensional spaces, where finer solids and microorganisms are captured by electrostatic adsorption of the board's positive charges.

PJV系列选用进口纸板, 有低密度和高孔隙度滤材的特点, 具有低过滤阻力, 大颗粒负载能力, 使用寿命长和大通量的特点, 适于低压差过滤性材料、液固胶体颗粒或粗分散物质。

The PJV series utilizes imported paperboard with low density and high porosity, featuring low filtration resistance, large particle load capacity, long service life, and high flow rates. It is ideal for low-pressure filtration materials, liquid-solid colloidal particles, and coarse dispersions.

PJS系列选用国产纸板, 独特的卡扣接头使得膜堆与膜堆之间可连接使用, 装配以及拆卸方便。

The PJS series uses domestically produced paperboard, and features a unique clasp joint design that allows for easy connection between membrane stacks, simplifying both assembly and disassembly.

反冲洗膜堆是专为重复反冲洗应用而设计的新产品, 以用水或产品进行反冲洗, 以去除污染物并延长使用寿命, 节约成本。它们具有滤液质量高、容量大、可靠性高、性能优越、坚固耐用等特点, 可满足客户对高性能产品的要求。

The backwash membrane stack is designed for applications that require frequent backwashing. By using water or the product itself for backwashing, it effectively removes contaminants, prolongs the lifespan, and reduces costs. These membrane stacks feature high-quality filtrate, large capacity, high reliability, superior performance, and durability, fulfilling the demands for high-performance products.

产品特点/Product Features

- 制药及食品饮料行业的大通道过滤
- 热消毒或热的过滤流体对过滤纸板无不良影响
- 对后端无菌过滤及色谱柱具有高度保护作用
- 苯乙烯树脂增强了纸板的吸湿性和吸附性
- 高纳污量
- 使用寿命长, 经济且高效
- 操作简单, 可供多种尺寸选择使用
- High-flow filtration suitable for the pharmaceutical and food & beverage sectors
- No negative impact on filter paperboard from heat sterilization or hot filtered fluids
- Offers strong protection for subsequent sterile filtration and chromatography columns
- Styrene resin improves moisture retention and adsorption capacity of the paperboard
- High dirt capacity
- Long lifespan, economical, and efficient
- Easy to operate, available in multiple sizes

应用范围 Application Range

- 通常的粒子过滤
- 催化剂和碳粒过滤
- 膜过滤的粗过滤
- 海水过滤
- General particulate filtration
- Catalyst and carbon particle filtration
- Pre-filtration for membrane systems
- Seawater filtration



深层膜堆/Deep Membrane Stack



结构材质/Material Structure

- 滤材: 纤维素, 硅藻土, 树脂等
- 支撑/骨架支撑分隔板: 聚丙烯
- 密封件: 见选型表
- Filter media: Cellulose, diatomaceous earth, resin, etc.
- Support/frame separator plates: Polypropylene
- Seals: Refer to the selection chart

产品规格/Product Specifications

外径/:8", 12", 16"
层数Number of Layers:8层/layers, 9层/layers, 12层/layers, 15层/layers,16层/layers

过滤面积(普通)Filtration Area (Normal):
0.36m²(φ8", 8层/layers), 1.08m²(φ12", 9层/layers),
1.44m²(φ12", 12层/layers), 1.8m²(φ12", 15层/layers),
1.92m²(φ12", 16层/layers), 2.34m²(φ16", 9层/layers),
3.12m²(φ16", 12层/layers), 3.9m²(φ16", 15层/layers),
4.16m²(φ16", 16层/layers)
过滤面积(反冲洗)Filtration Area (Backwash):
1.0m²(φ12", 9层/layers), 1.7m²(φ12", 15层/layers),
1.8m²(φ12", 16层/layers)

订购信息/Order Information

BDS(国产纸板膜堆)BDS (Domestic Paperboard Membrane Stack)			
C001	D	8	
过滤精度/Filtration Accuracy(um)	端盖形式/End Cap Type	膜堆外径/Membrane Stack OD	
C001=0.1-0.3	C200=3-7	8=8"	
C002=0.2-0.4	C210=10-15	D=双开平垫片	
C004=0.4-0.6C006=0.6-1	C230=25-30	Double Open Flat Gasket	
C100=1-3	C240=40-50	S=单开双密封圈(仅适用于8")	
C150=2-5	C250=50-60	S = Single Open Double Seal (Applicable only for 8")	
S	8		
密封垫片材料 Seal Material	结构单元/Structural Unit		
S=硅橡胶/Silicone Rubber	8=8层/layers(8")		
E=三元乙丙橡胶/EPDM	9=9层/layers(12",16")		
B=丁腈橡胶/Nitrile Rubber	12=12层/layers(12",16")		
V=氟橡胶/Fluorine Rubber	15=15层/layers(12",16")		
	16=16层/layers(12",16")		

深层膜堆/Deep Membrane Stack

订购信息/Order Information

PDS (进口纸板膜堆)PDS Imported Paperboard Membrane Stack			
C1001		D	8
过滤精度/Filtration Accuracy(um)		端盖形式/End Cap Type	膜堆外径/Membrane Stack OD
C1001=0.04-0.20	C1150=2.25-3.5	D=双开平垫片	8=8"
C1002=0.25-0.45	C1200=3.5-5.0	Double Open Flat Gasket	12=12"
C1004=0.40-0.60	C1210=7-11	S=单开双密封圈(仅适用于8")	16=16"
C1006=0.60-1.00		S = Single Open Double Seal (Applicable only for 8")	
C1008=0.80-1.00			
C1100=1.00-2.25			
S		8	
密封垫片材料 Seal Material		结构单元/Structural Unit	
S=硅橡胶/Silicone Rubber		8=8层/layers(8")	
E=三元乙丙橡胶/EPDM		9=9层/layers(12",16")	
B=丁腈橡胶/Nitrile Rubber		12=12层/layers(12",16")	
V=氟橡胶/Fluorine Rubber		15=15层/layers(12",16")	
		16=16层/layers(12",16")	

订购信息/Order Information

KKS(卡扣款膜堆)KKS (Clamping Type Membrane Stack)			
C001	10	s	16
过滤精度/Filtration Accuracy(um)		膜堆外径/Membrane Stack OD	密封圈材料/Seal Material
C001=0.1-0.3	C002=0.2-0.4	10=10"	S=硅橡胶/Silicone Rubber
C004=0.4-0.6	C006=0.6-1	12=12"	E=三元乙丙橡胶/EPDM
C100=1-3	C150=2-5		B=丁腈橡胶/Nitrile Rubber
C200=3-7	C210=10-15		V=氟橡胶/Fluorine Rubber
C230=25-30	C240=40-50		
C250=50-60			

订购信息/Order Information

BDS2(反冲洗膜堆)BDS(Backwash Membrane Stack)			
C001		D	12
过滤精度/Filtration Accuracy(um)		端盖形式/End Cap Type	膜堆外径/Membrane Stack OD
C001=0.1-0.3	C002=0.2-0.4	C004=0.4-0.6	D=双开平垫片
C006=0.6-1	C100=1-3	C150=2-5	Double Open Flat Gasket
C200=3-7	C210=10-15	C230=25-30	
C240=40-50	C250=50-60		
S		15	
密封垫片材料 Seal Material		结构单元/Structural Unit	
S=硅橡胶/Silicone Rubber		9=9层/layers(12",16")	
E=三元乙丙橡胶/EPDM		12=12层/layers(12",16")	
B=丁腈橡胶/Nitrile Rubber		15=15层/layers(12",16")	
V=氟橡胶/Fluorine Rubber		16=16层/layers(12",16")	

钛棒过滤器/Titanium Rod Filter

产品信息/Product Overview

钛棒过滤器使用的是钛粉末烧结滤芯，一般用于粗滤或中间过滤。此滤芯具有精度高，耐高温，耐腐蚀，机械强度高等优点，在医药行业广泛应用，外壳材料为316L或304不锈钢。符合GMP标准。

The Titanium Rod Filter uses titanium powder sintered filter elements, typically for coarse or intermediate filtration. These filters are known for their high precision, high temperature and corrosion resistance, and strong mechanical strength. They are widely used in the pharmaceutical industry. The housing is made from 316L or 304 stainless steel and meets GMP standards.

产品特点Product Features

- 1、本过滤器，具有高压、强酸、强碱、耐腐蚀，滤芯可反复再生使用等特点，
 - 2、是采用粉末冶金方法将钛金属粉末通过高温烧结的方法加工制成的空心滤管。
 - 3、此系列产品具有结构紧凑造型美观按 GMP 标准生产，管件连接采用国际标准快装式连接，拆装清洗方便。
1. This filter is designed to withstand high pressure, strong acids, strong alkalis, and corrosion. The filter elements are reusable and can be regenerated.
 2. It is made using powder metallurgy, where titanium metal powder is sintered at high temperatures to form hollow filter tubes.
 3. The product features a compact structure, an aesthetically pleasing design, and is manufactured according to GMP standards. The pipe fittings use international quick-connect standards, making assembly, disassembly, and cleaning convenient.

应用范围 Application Range

广泛应用于食品、饮料、医药、化工等行业的液固分离，在制药行业尤其适用于大输液和针剂生产线中的脱碳过滤。

It is widely used for liquid-solid separation in industries such as food, beverage, pharmaceuticals, and chemicals. Specifically, it is highly effective for decarbonization filtration in large infusion and injection production lines in the pharmaceutical sector.

产品规格/Product specifications

型号	规格	芯数	滤材孔径(um)	过滤压力(Mpa)	水流量(T/h)	外型尺寸
Mode	Specification	No. of Cartridges	Filter Pore Size (um)	Filtration Pressure (MPa)	Water Flow Rate (T/h)	Dimensions
PJ-T	Ø100	1	可选	0.3	0.5	100×600
PJ-T	Ø180	3	可选	0.3	1.5	280×850
PJ-T	Ø220	5	可选	0.3	2.5	320×850
PJ-T	Ø280	7	可选	0.3	3.5	440×850
PJ-T	Ø300	9	可选	0.3	4.5	480×850
PJ-T	Ø350	12	可选	0.3	6.0	540×850
PJ-T	Ø400	15	可选	0.3	7.5	580×850:
PJ-T	Ø450	17	可选	0.3	8.5	650×850

注：尺寸如有偏差，以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.



活性炭膜堆/Activated Carbon Membrane Stack

产品信息/Product Overview

活性炭膜堆PJV系列广泛用于制药行业的吸附应用，通过在过滤纸板中加入活性炭，增加了碳颗粒的吸附性，用于避免过滤器下游出现碳颗粒脱落，解决了操作问题、工艺设备清洗以及工艺过程的碳清除。组件压片和把手，客户可根据需要选择。

Activated Carbon Membrane Stack PJV Series is predominantly utilized in the pharmaceutical industry for adsorption processes. The addition of activated carbon to the filter paperboard enhances the carbon particle's adsorption capacity. This effectively prevents the shedding of carbon particles downstream, addressing operational challenges, process equipment cleaning, and carbon removal in production processes. The components come with tablet presses and handles, which can be selected based on customer needs.

产品特点/Product Features

- 制药行业除色、除味深度过滤
- 热消毒或热的过滤，使用安全可靠
- 带电荷树脂及活性炭的加入极大的增强了纸板的吸附性
- 降低固废处置成本，经济且高效
- 高通量及高纳污量，使用寿命长
- 操作简单，可供多种尺寸选择使用
- Depth filtration for decolorization and deodorization in the pharmaceutical industry
- Heat sanitization or filtration with heated fluids for safe and reliable use
- The addition of charged resins and activated carbon greatly improves the adsorption capabilities of the paperboard
- Lowers the cost of waste disposal while providing an economical and efficient solution
- High flow capacity and dirt-holding capacity for a longer lifespan
- Easy to operate with multiple size options to choose from

应用范围 Application Range

- 抗生素等原料药的脱色过滤
- 无菌原料药去除内毒素
- 血液制品脱色、除脂、除热原等
- 水除氯
- 甜味剂和糖浆的脱色
- 明胶脱色和除臭
- Decolorization of raw materials like antibiotics and other APIs
- Endotoxin removal from sterile active pharmaceutical ingredients
- Decolorization, fat removal, and pyrogen removal from blood products
- Chlorine removal from water
- Decolorization of sweeteners and syrups
- Decolorization and deodorization of gelatin

产品性能/Product Performance

最高工作温度：80℃
最大工作压差：2.4 Bar@25℃ / 1.0 Bar@80℃
Maximum Operating Temperature: 80℃
Maximum Operating Pressure Differential: 2.4Bar@25℃/1.0Bar@80℃



结构材质/Material Structure

- 滤材：椰壳炭
支撑/骨架支撑分隔板：聚丙烯
密封件：见选型表
- Filter media: Coconut shell carbon
 - Support/frame separator plates: Polypropylene
 - Seals: Refer to the selection chart

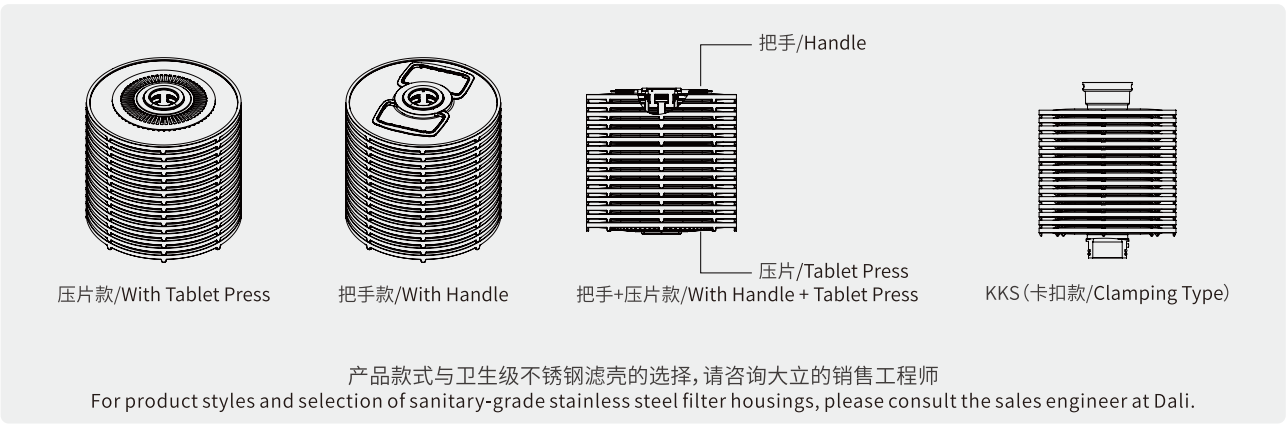
产品规格Product Specifications

外径/OD: 8", 12", 16"
Layers: 8层/layers, 16层/layers
过滤面积/Filtration Area: 0.36m² (φ8", 8层/layers),
1.92m² (φ12", 16层/layers),
4.16m² (φ16", 16层/layers)
纸板重量/Board Weight: 1100g/m²
纸板平均含碳量/Average Carbon Content in Board: 46%
活性炭的碘值/Iodine Value of Activated Carbon: 910mg/g
活性炭纸板平均厚度/Average Thickness of Activated Carbon Paperboard: 3.7mm

产品保证/Product Warranty

- 滤芯均在洁净车间生产
- 严格执行ISO9001:2015质量管理体系
- 所有构成材料均符合FDA21CFR177-182中关于间接食品添加剂的要求，符合欧盟1935/2004/EC关于食品接触材料的要求
- Cartridges are manufactured in a cleanroom environment.
- Fully compliant with the ISO 9001:2015 quality management system.
- All components meet the FDA 21 CFR 177-182 regulations on indirect food additives, and EU 1935/2004/EC regulations for materials in contact with food

活性炭膜堆/Activated Carbon Membrane Stack



订购信息/Order Information

CDS		
C001	D	8
过滤精度/Filtration Accuracy(um) C2001=5μm	端盖形式/End Cap Type	膜堆外径/Membrane Stack OD
	D=双开平垫片	8=8"
	Double Open Flat Gasket	12=12"
	S=单开双密封圈(仅适用于8") S = Single Open Double Seal (Applicable only for 8")	16=16"
S	16	
密封垫片材料 Seal Material	结构单元/Structural Unit	
S=硅橡胶/Silicone Rubber	8=8层/layers(8")	
E=三元乙丙橡胶/EPDM	16=16层/layers(12",16")	
B=丁腈橡胶/Nitrile Rubber		
V=氟橡胶/Fluorine Rubber		

订购信息/Order Information

BDS(国产纸板膜堆)BDS (Domestic Paperboard Membrane Stack)		
C001	TP	12
过滤精度/Filtration Accuracy(um) C2001=5μm	端盖形式/End Cap Type	膜堆外径/Membrane Stack OD
	TP=压片/Tablet Press	12=12"
	HD=把手/Handle	16=16"
	HT=把手+压片/Handle + Tablet Press	
S	16	
密封垫片材料 Seal Material	结构单元/Structural Unit	
S=硅橡胶/Silicone Rubber	16=16层/layers(12",16")	
E=三元乙丙橡胶/EPDM		
B=丁腈橡胶/Nitrile Rubber		
V=氟橡胶/Fluorine Rubber		

微孔过滤器/Microporous Filter

► 产品介绍/Product Overview

微孔过滤元件是由超高分子量塑料粉末或金属粉末通过特殊工艺烧结加工而成的滤管,是各种系列的微孔过滤机的过滤核心部件。每批产品出厂均经过微孔孔径、比阻、机械强度、孔隙率的测试合格后才准予出厂。

Made from ultra-high molecular weight plastics or metal powders, the microporous filter elements are sintered using advanced techniques to create filter tubes. These elements are essential for various microporous filtration systems. Prior to shipment, every batch is tested for pore size, specific resistance, mechanical strength, and porosity to ensure compliance with quality standards.

在密闭滤罐内有主过滤区与底过滤区,设备正常运行时物料从主过滤区滤芯外部向内过滤,杂质被拦截在滤芯外表面。底过滤区能将滤罐内剩余残液过滤完成,避免了物料的上下批号“混批”情况。

The filter tank is designed with two sections: the main filtration zone and the bottom filtration zone. During normal operation, the material is filtered from the outside to the inside of the filter elements in the main filtration zone, with impurities trapped on the filter surface. The bottom filtration zone ensures that any remaining liquid in the tank is filtered, avoiding batch mixing between different production lots.

产品已广泛适用于精细化工、制药、食品、新能源等生产中有批量要求严格、滤饼量较大、干度要求高的精密液固过滤工业。

This product is widely applied in industries such as fine chemicals, pharmaceuticals, food processing, and new energy, where high batch consistency, large filter cake volumes, and strict dryness requirements are critical.

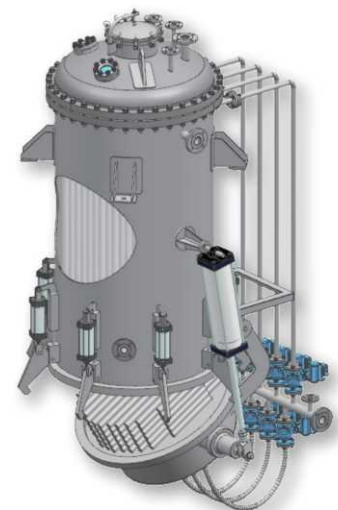
► 工作原理/Working Principle

微孔过滤器过滤时,用泵将料浆送入过滤器内,料浆中的液相穿过微孔过滤管进入滤芯的中心,汇总到清液出口排出,在滤饼层未形成前,排出的“清液”再回到原料浆进口送至过滤器作循环过滤,直至滤饼层形成(能达到过滤要求),而后提供一信号控制清液不再循环,清液送至下道工序使用,进行正常过滤。

In the filtration process, slurry is pumped into the filter. The liquid phase of the slurry passes through the microporous filter tubes into the center of the filter elements, where it is gathered and discharged as clean liquid. Before a filter cake forms, the discharged “clean liquid” is recirculated back to the slurry inlet for further filtration until the filter cake reaches the desired level, ensuring that the filtration requirements are met. Once this point is reached, a signal stops the recirculation of the clean liquid, which is then directed to the next step of the process for normal filtration.

正常过滤一段时间后,当微孔过滤管上滤饼层达到一定厚度时,系统自动提供信号进料停止,排净过滤器内的残液后,系统再次提供信号控制反吹口(压缩空气、氮气或饱和蒸汽)进行反吹,使滤饼脱落。反吹一定时间后,停止反吹发出信号打开过滤器排渣口进行排渣,排渣结束后关闭排渣口,回到过滤前初始状态准备进行下轮过滤。

After running for a period of time, once the filter cake on the microporous filter tubes has reached a predetermined thickness, the system will automatically signal the stop of the feed. The residual liquid is drained from the filter, and the system then activates backwashing with compressed air, nitrogen, or saturated steam to detach the filter cake. After backwashing for a specified time, the backwashing process halts, and the discharge port is opened to expel the sludge. After the sludge removal process is complete, the discharge port is closed, and the system returns to its initial state, ready for the next filtration cycle.



微孔过滤器/Microporous Filter

► 产品特点/Product Features

- 过滤精度高、使用寿命长、耐腐蚀性能优越,排渣操作便捷、启闭快速、稳定可靠。
- 过滤效率高,最高过滤精度达0.22微米,再生效率高,寿命长,最长的连续使用寿命达10年。
- PE微孔过滤管耐温≤80°C, PA微孔过滤管耐温≤100°C, 抗拉强度、抗弯强度、抗冲击强度优越,不易损坏。
- 钛材耐高温,可在280°C (湿态) 以下正常使用。化学稳定性好、耐酸碱腐蚀 (PH 2-12)、具有抗氧化性能,无微粒脱落,不使原液形成二次污染,符合食品卫生及制药GMP要求。
- High filtration precision, long lifespan, superior corrosion resistance, convenient slag discharge, quick and reliable operation.
- Excellent filtration efficiency with a maximum precision of 0.22 microns, high regeneration efficiency, and a long lifespan, with continuous operation lasting up to 10 years.
- PE microporous filter tubes are temperature-resistant≤80°C, while PA microporous filter tubes can withstand temperatures up to≤100°C. They have outstanding tensile strength, bending resistance, and impact strength, making them highly durable.
- Titanium is resistant to high temperatures (up to 280°C in wet conditions), has excellent chemical stability, and can withstand acid and alkali corrosion (pH 2-12). It is also oxidation-resistant, prevents particle shedding, and ensures no secondary contamination, meeting both food hygiene and pharmaceutical GMP requirements.

► 应用范围 Application Range

生物制药: 发酵提取液、抗生素、抗菌素、链霉素、柠檬酸等。

化工行业: 胶液、催化剂回收、硫酸、多元醇、钛白粉、PTA颗粒、聚二醇、碳酸钾、环氧树脂等。

食品饮料: 苹果汁、葡萄汁、原糖浆、果葡萄浆、葡萄糖浆、蔗糖、啤酒、橄榄油、棕榈油、豆油、玉米油、明胶等。

金属加工: 清洗剂、煤焦油、机加冷却油、金属板箔轧制油、活性炭脱色脱碳过滤等。

Biopharmaceuticals: Fermentation extracts, antibiotics, antibacterial agents, streptomycin, citric acid, etc.

Chemical Industry: Slurry, catalyst recovery, sulfuric acid, polyols, titanium dioxide, PTA particles, polyethylene glycol, potassium carbonate, epoxy resins, etc.

Food and Beverage: Apple juice, grape juice, raw syrup, fruit and grape syrup, glucose syrup, sucrose, beer, olive oil, palm oil, soybean oil, corn oil, gelatin, etc.

Metalworking: Cleaning agents, coal tar, machining cooling oils, metal sheet rolling oils, activated carbon decolorization and decarbonization filtration, etc.

■ 产品规格/Product specifications

型号	过滤面积(m ²)	机体直径(mm)	机体高度(mm)	机体容积(m ³)	进出口口径(mm)	排渣口(mm)	工作压力Working Pressure(Mpa)	
Model	Filtration Area	Body Diameter (mm)	Body Height (mm)	Body Volume (m ³)	Inlet/Outlet Diameter (mm)	Slag Discharge Diameter (mm)	PA/PE	钛材Titanium Material
PJF-02	2	Φ300	1500	0.057	DN40	Φ300	0.25	0.1-0.6
PJF-03	3	Φ300	1650	0.071	DN40	Φ300		
PJF-05	5	Φ550	2400	0.297	DN50	Φ550		
PJF-08	8	Φ600	2600	0.367	DN50	Φ550		
PJF-10	10	Φ800	3100	0.754	DN50	Φ800		
PJF-20	20	Φ900	3100	0.954	DN65	Φ800		
PJF-30	30	Φ1000	3700	1.178	DN65	Φ800		
PJF-40	40	Φ1400	4100	2.31	DN65	Φ800		
PJF-60	60	Φ1600	4100	3.5	DN80	Φ1600		
PJF-80	80	Φ1800	4600	4	DN100	Φ1800		
PJF-100	100	Φ 2000	5200	4.8	DN150	Φ1800		

注:尺寸如有偏差,以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.

管道式过滤器/Pipeline Filter

产品信息/Product Overview

管道式过滤器也称篮式过滤器，作为前置预过滤器，适用于各种过滤场合。设备按照压力容器制造规范设计，经久耐用，安装方便。
The pipeline filter, also called a basket filter, is used as a pre-filter for a variety of filtration processes. Designed in accordance with pressure vessel standards, it offers excellent durability and is easy to install.

产品特点/Product Features

- 适合多种应用场合的预过滤。
- 各种标准的进出口形式可供选择，以方便安装到管道系统上。
- 电解抛光的冲孔网篮令清洗更加容易。
- 过滤精度最小到25微米。
- 网篮上的手柄方便安装和取出。
- 设计压力从6bar~24bar。
- 滤器材质有碳钢、304不锈钢、316不锈钢和其他特定材质可供选择。
- 可根据化学相容性和温度范围提供适配的密封圈。
- Ideal for pre-filtration in diverse applications.
- Various standard inlet and outlet options for seamless pipeline system installation.
- Electro-polished perforated mesh basket for easy cleaning.
- Filtration accuracy as low as 25 µm。
- Equipped with a handle on the basket for easy installation and removal.
- Designed to operate 6bar~20bar
- Available in materials such as carbon steel, 304 stainless steel, 316 stainless steel, and other specific materials.
- Sealing rings tailored to chemical compatibility and temperature requirements.



应用范围 Application Range

- 电子元器件加工厂
- 高纯水厂
- 新能源工厂
- 精细化工厂
- 石油、汽车厂
- 造纸厂
- 食品、饮料厂
- 制药厂
- Electronics manufacturing plants
- High pure water plant
- New energy factory
- Fine chemicals industries
- Petroleum and automotive manufacturing
- Paper mills
- Food and beverage production
- Pharmaceutical plants

产品规格/Product specifications

进出口尺寸(N1/N2) Inlet/Outlet Size(N1/N2)	L	D	H	H1	排污口(N3) Drainage (N3)	压力表/排气口(N4) Pressure Gauge/Exhaust (N3)
25	220	89	260	160	Rc1/2"	Rc1/4"
32	220	89	270	165	Rc1/2"	Rc1/4"
40	280	108	300	180	Rc1/2"	Rc1/4"
50	280	133	300	180	Rc1/2"	Rc1/4"
65	330	133	350	220	Rc1/2"	Rc1/4"
80	340	159	400	260	Rc1/2"	Rc1/4"
100	420	219	470	310	Rc1/2"	Rc1/4"
125	500	273	620	430	Rc1/2"	Rc1/4"
150	500	273	620	430	Rc1/2"	Rc1/4"
200	560	325	780	530	Rc3/4"	Rc1/4"
250	660	426	930	640	Rc3/4"	Rc1/4"
300	750	480	1120	800	Rc3/4"	Rc1/4"
350	800	530	1300	930	Rc1"	Rc1/4"
400	850	530	1400	1000	Rc1"	Rc1/4"
450	960	630	1500	1060	Rc1"	Rc1/4"

注：尺寸如有偏差，以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.

多芯过滤器/Multi-Cartridge Filter

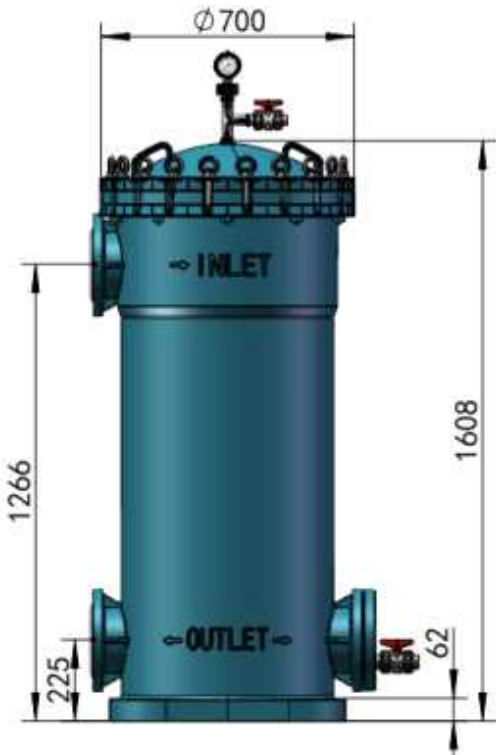
产品特点/Product Features

- 1、产品主体一体成型、配件模块化、结构坚固、安全可靠、安装简捷、无焊接、耐高温、承压大、抗腐蚀。
 - 2、法兰螺栓孔距多功能，可适配国标、美标、日标、德标法兰、密封无漏。
 - 3、滤芯底座与滤芯密封，花盆固定，密封精密。
 - 4、氟橡胶材质密封圈耐高温、抗腐蚀，适用大部分酸碱药液，从而减少配件耗材成本，
 - 5、过滤底部中间凸起，排液顺畅不积液。
1. The main body is integrally molded, with modular components, offering a robust structure, reliable safety, simple installation, and high-temperature resistance without welding.
 2. The flange bolt spacing is multi-functional, compatible with GB, ANSI, JIS, and DIN flanges, ensuring an airtight and leak-proof seal.
 3. The filter base and filter cartridge seal are tightly fitted, with the pot fixed in place for precise sealing.
 4. Fluoroelastomer seals are high-temperature resistant and corrosion-resistant, suitable for most acidic and alkaline liquids, reducing the consumption of spare parts.
 5. The raised center of the filter bottom ensures smooth drainage and prevents liquid accumulation.

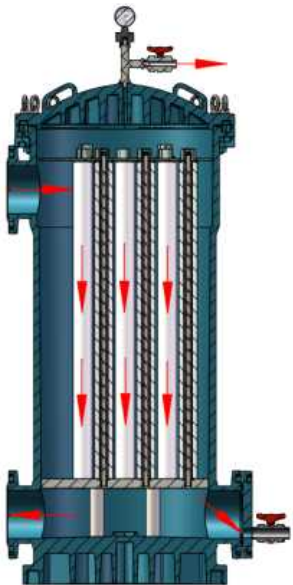
产品规格/Product specifications

产品名称/Product Name	25*40"过滤器/Filter	30*40"过滤器/Filter
产品型号/Product Model	CB-2540	CB-3040
过滤精度/Filtration Accuracy (um)	0.2-100	0.2-100
最大流量/Maximum Flow Rate (m3/h)	75	90
进出口径/Inlet/Outlet Diameter (mm)	Dn150	Dn150
设计压力/Design Pressure (MPa)	0.8	0.8
最高温度/Maximum Temperature (°C)	90	90
滤材规格/Filter Material Specifications (mm)	68*1016*25 PCS	68*1016*30 PCS

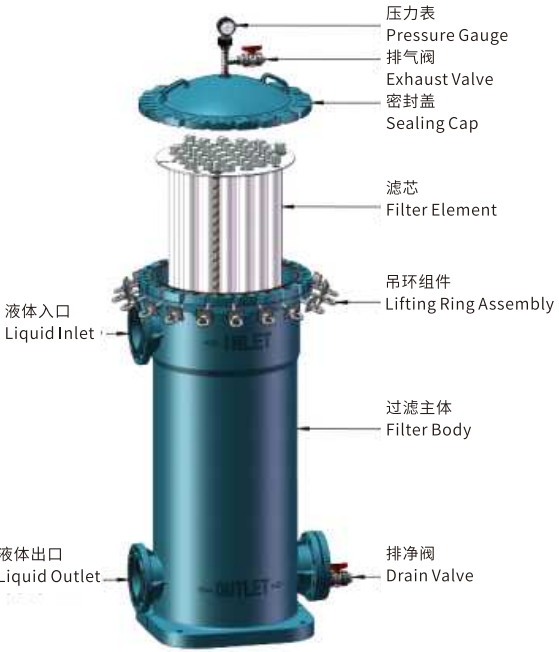
多芯凸盖式过滤器(平口滤芯40")
Multi-Cartridge Dome-Top Filter (40" Flat-End Filter Element)



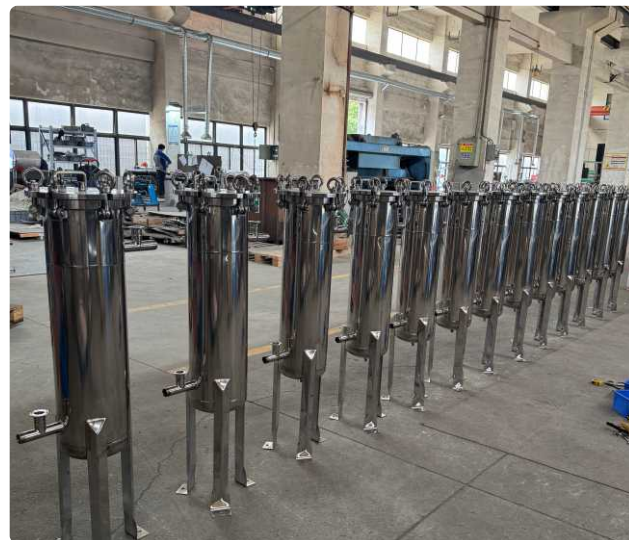
PJB-2540 主视图/Front View
PJB-3040 主视图/Front View



PJB-2540液体流向图
PJB-2540 Liquid Flow Diagram



爆炸图
Explosion View



全自动刮刀过滤器/Automatic Scraper Filter

产品特点/Product Features

全自动刮刀过滤器通过机械刮除方式来自动清除滤元外表面的杂质，能够连续在线过滤。全自动刮刀过滤器主要为高粘度流体设计，适用粘度高达800000Pa.s, 精度范围50-1500微米，能高效的将杂质剥离滤元表面，从而高效去除杂质，适合水及各种粘性液体的过滤。

The fully automatic scraper filter employs a mechanical scraping action to automatically remove impurities from the filter element's surface, providing continuous in-line filtration. It is designed for high-viscosity fluids with viscosities up to 800,000 Pa.s and filtration accuracy ranging from 50-1500µm. The scraper efficiently separates impurities from the filter surface, enabling effective impurity removal. This filter is ideal for filtering water and other viscous liquids.

工作原理Working Principle

液体从过滤器进口流入，经过滤元，杂质拦截在滤元表面，从过滤器下端出口流出。当滤元表面拦截到一定量杂质，定时或设定压力差开始执行清洗程序。杂质积聚于集污腔以及过滤底部，排污阀定时自动打开，将含有高浓度杂质的液体从排污口排出。

Liquid flows into the filter from the inlet and passes through the filter elements, where it traps impurities on the filter surface. The filtered liquid then exits from the bottom outlet. When a certain amount of impurities accumulate on the filter surface, cleaning begins either on a set schedule or based on pressure differential. The impurities are collected in the waste chamber and the filter bottom, and the waste valve automatically opens to discharge the liquid containing a high concentration of contaminants.

优势/Advantages

- 全自动运行，24小时连续在线过滤，结束繁重的滤元更换清洗工作
- 不产生一次性抛弃的过滤耗材，节约耗材成本及环保处理成本
- 结构简单，容易拆装，拿掉刮刀后，轻松取出滤元，内部容易清洗
- 排放废液杂质浓度高，并可回收，减少高价值物料的损失
- 多种模块组合及自动化模式可选，满足各种过滤应用要求
- 24/7 automatic operation for continuous filtration, freeing you from the time-consuming task of changing and cleaning filter elements.
- No disposable filter materials required, lowering material costs and minimizing environmental waste.
- Simple, easy-to-maintain structure with quick disassembly; removing the scraper allows for effortless filter element removal and cleaning.
- Waste liquids are discharged with a high concentration of impurities, making them easy to recover and reducing the loss of high-value materials.
- Multiple modular combinations and automation modes available, adaptable to various filtration applications.

参数规格/Parameter Specifications

驱动 Drive	刮刀方式 Scraper Type	壳体材质 Housing Material	滤元材质 Filter Element Material	最高工作温度 Max. Operating Temperature	最大压力 Max. Pressure
电动马达 Electric Motor	内刮刀 Internal Scraper	304不锈钢 304 Stainless Steel	缝隙型金属滤元，材质304、316L V-SLOT Slotted Metal Filter Element, Materials: 304, 316L	200°C	10 bar, 更高压力可以定制 10 bar (Higher pressures available upon request)
气动马达 Pneumatic motor	外刮刀 External Scraper	316不锈钢 316 Stainless Steel			



电动外刮刀式自清洗过滤器
Electric External Scraper Self-Cleaning Filter



电动内刮刀式自清洗过滤器
Electric Internal Scraper Self-Cleaning Filter



气动刮刀式自清洗过滤器
Pneumatic Scraper Self-Cleaning Filter

全自动刮刀过滤器/Automatic Scraper Filter

► 应用范围 Application Range

应用行业: 石油化工、油脂、造纸、水处理、生物制药、涂料、食品饮料等。
Application Industries: Petrochemical, Oils & Fats, Pulp & Paper, Water Treatment, Biopharmaceuticals, Paints, Food & Beverages, etc.
适用液体类型: 水、冷却液、食用油、涂料、树脂、粘合剂、油墨、颜料、聚合物、煤油、柠檬酸、发酵液、蛋白质、肥皂、山梨醇、湿助剂、橡胶、乙醇、巧克力、糖浆、高温油、果汁、柴油等。
Applicable Liquid Types: water, coolants, edible oils, paints, resins, adhesives, inks, pigments, polymers, kerosene, citric acid, fermentation liquids, proteins, soap, sorbitol, wetting agents, rubber, ethanol, chocolate, syrups, high-temperature oils, juices, diesel, etc.
主要过滤作用: 定值筛分, 去除大颗粒, 净化流体, 保护关键设备
Main Filtration Functions:: Constant screening, removal of large particles, fluid purification, protection of critical equipment.
过滤类型: 机械式在线刮除过滤
Filtration Type: Mechanical online scraping filtration

■ 产品规格/Product specifications

适用液体 Applicable Liquids	水及低粘性液体 (<800.000cps) , 杂质量<1000PPM Water and low-viscosity liquids (<800,000 cps), solid content <1000 PPM					
过滤精度 Filtration Accuracy	20-500um					
标准设计压力等级 Standard Design Pressure Rating	1.0MPa, 更高压力可以定制 1.0 MPa (higher pressure options available upon request)					
最高设计温度 Maximum Design Temperature	0-200°C (取决于密封件) 0-200°C (depends on seal material)					
过滤面积 Filtration Area	0.11平方米-1.36平方米 0.11 m2 to 1.36 m2					
清洗压差 Cleaning Pressure Differential	0.05MPa					
压差发讯器 Differential Pressure Transmitter	压差变送器或压差开关 Differential pressure transmitter or differential pressure switch					
电机减速机 Motor Reducer	180W, 三相, 380V, 防护等级IP55,蜗轮蜗杆减速机 180W, three-phase, 380V, protection class IP55, worm gear reducer					
进出口连接标准 Inlet/Outlet Connection Standard	法兰, HG20592-2009 (标准设计) , HG20615-2009(兼容ANSI B16.5) Flange, HG20592-2009 (standard design), HG20615-2009 (compatible with ANSI B16.5)					
滤元类型材质 Filter Element Type & Material	V-SLOT缝隙型金属滤元, 材质304、316L等 V-SLOT slotted metal filter element, material 304, 316L, etc.					
壳体接液材质 Housing Contact Material	304、316L、CS等 304, 316L, CS, etc.					
刮刀材质 Scraper Material	304、316L等 304, 316L, etc.					
壳体密封材质 Housing Sealing Material	NBR丁腈橡胶 (标配) 、VITON (FKM) 氟橡胶 NBR (standard), VITON (FKM) fluorocarbon rubber					
排污阀 Discharge Valve	气动球阀, 防护等级IP65 Pneumatic ball valve, protection class IP65					
公用供给要求 Utility Supply Requirements	380VAC, 0.4-0.6MPa洁净干燥压缩空气 380VAC, 0.4-0.6MPa clean, dry compressed air					
过滤器主型号 Filter Main Model	011	022	034	075	100	136
过滤面积 (平方米) Filter Area (m2)	0.11	0.22	0.34	0.75	1	1.36
容积 (L) Volume (L)	16	30	50	120	195	320
进出口尺寸 Inlet/Outlet Size	DN40-DN50	DN50-DN80	DN50-DN100	DN65-DN100	DN80-DN125	DN100-DN150
排污口尺寸 Drainage Port Size	DN40	DN40	DN50	DN50	DN80	DN80

尺寸如有偏差, 以实际图纸为准/Please refer to the actual drawings for any discrepancies in dimensions.

滤元可选精度 Optional Filter Element Accuracy	目数 Mesh	750	300	200	150	120	100	75	60	50	40	30
	微米 Micron	20	50	75	100	125	150	200	250	300	375	500

PJY/PJL/PJT/PJF刷式自清洗过滤器/ Brushing Self-Cleaning Filter

► 工作原理/Working Principle

DS刷式自清洗过滤器是一种全自动清洗过滤器, 在过滤器滤网内安装一套刷子, 刷子由电机带动旋转, 在过滤器端盖上安装一个电磁排污阀。清洗时, 来自压差开关的信号传给控制盘, 控制盘打开排污阀同时启动电机, 带动刷子旋转刷掉污物杂质, 在水力的作用下, 通过排污阀排出过滤器, 清洗无需断流。
The DS brushing self-cleaning filter is an entirely automatic cleaning filter. It features a set of brushes inside the filter mesh, which are driven by a motor to rotate. An electromagnetic discharge valve is installed on the filter end cover. When cleaning is required, the differential pressure switch sends a signal to the control panel, which then opens the discharge valve and activates the motor. The motor drives the brushes to rotate, removing the impurities from the filter surface. The impurities are then expelled through the discharge valve under hydraulic pressure, and the cleaning process is carried out without interrupting the flow.

► 应用范围/Application

- 冷却水处理—冷却塔、补充水系统、空调系统、直流系统水过滤, 减少热交换器内沉淀物的产生, 保持其冷却效果。
- 原水处理—可对地表河水、湖水、海水, 水库水, 井水及地下水进行过滤, 除去沙子、细菌、藻类、有机物等。
- 工业循环水过滤—在对水质有一定要求的设备如: 冷却塔、轧机、连铸机、抛光、水泵、电磁阀、离子交换器、喷雾器、热交换器等供水管路上使用, 可过滤掉水中杂质, 避免管路、喷嘴等部件堵塞。
- 灌溉—尤其适用于杂质含量高的水源, 农业灌溉、喷泉公园、高尔夫球场、草皮浇灌等。
- 造纸工业—白水过滤。
- 塑料工业—产品回收冷却水过滤。
- Cooling Water Treatment—Applied to cooling towers, make-up water systems, air conditioning systems, and direct current systems to filter water, reduce the buildup of sediments in heat exchangers and maintain their cooling efficiency.
- Raw Water Treatment—Effective for filtering surface water from rivers, lakes, seawater, reservoir water, well water, and groundwater, removing sand, bacteria, algae, organic compounds, and other impurities.
- Industrial Circulating Water Filtration—Applied to the water supply systems of equipment that require certain water quality, such as cooling towers, rolling mills, continuous casters, polishing machines, water pumps, solenoid valves, ion exchangers, sprayers, heat exchangers, and more. It filters impurities to prevent clogging of pipes, nozzles, and other components.
- Irrigation—Particularly suitable for water sources with high impurity levels, such as agricultural irrigation, fountain parks, golf courses, turf irrigation, etc.
- Papermaking Industry—Used for white water filtration.
- Plastic Industry—Used for filtering cooling water in product recycling.

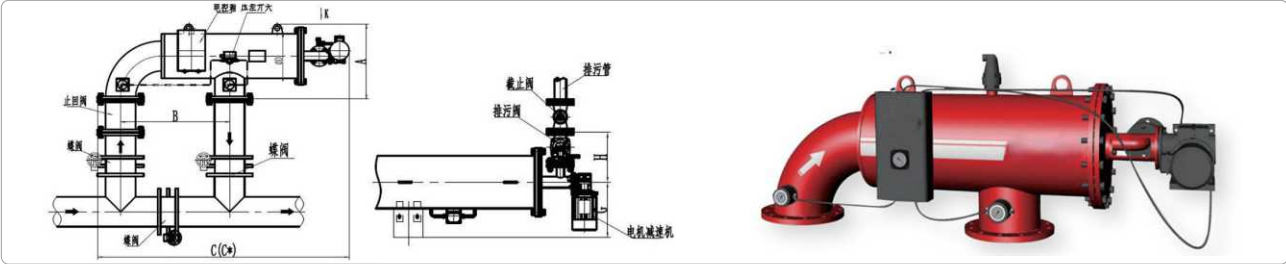


■ 产品规格/Product specifications

DS系列 DS Series	Y型/Model、F型/Model、T型/Model、L型/Model
单台过滤流量 Single Filter Flow Rate	25~9300t/h
管径 Pipe Diameter	DN50~DN1200mm
设计压力 Design Pressure	1.0MPa、1.6MPa、2.5MPa、4.0MPa
过滤精度 Filtration Accuracy	从80微米至5000米 80 μm-5000m
过滤面积 Filtration Area	1500cm2~75000cm²
清洗控制方式 Cleaning Control Method	压差、时间及手动/Differential Pressure, Time-based, Manual
清洗方法 Cleaning Method	电动刷式/Electric Brush-Type

PJY/PJL/PJT/PJF刷式自清洗过滤器/ Brushing Self-Cleaning Filter

► PJF型安装示意图/Model PJF Installation Diagram



■ PJF/PJT/PJL/PJY技术参数/Technical Parameters

单台流量/Single Filter Flow Rate	25~1200/2800t/h, 更大流量可由多个单机并联/larger flow rates can be achieved by paralleling multiple units
最小工作压力/Min. Operating Pressure	0.2MPa
最大工作压力/Max. Operating Pressure	0.6MPa/1.0MPa/1.6MPa/2.5MPa/4.0MPa
最高工作温度/Max. Operating Temperature	70°C
过滤精度/Filtration Accuracy	80~5000微米μm
控制方式/Control Method	压差、时间及手动/Differential Pressure, Time-based, Manual
清洗时间/Cleaning Time	60秒/60s
清洗压损/Cleaning Pressure Loss	0.01~0.03MPa
控制电压/Control Voltage	交流/AC 220V
额定操作电压/Rated Operating Voltage	三相/Three-phase, 220V, 380V, 50HZ

■ 产品规格/Product size specifications

型号 Model	管径(MM)	过滤流量(t/h)	过滤面积(cm²)	排污量DN (MM)	一次清洗水量(KG)	电机功率 (KW)	重量(KG)
PJF2	DN50	25	3000	DN25	60	0.09	85
PJF2.5	DN65	30	3000	DN25	60	0.09	88
PJF3	DN80	60	3000	DN25	60	0.09	92
PJF4	DN100	80	3000	DN25	60	0.09	98
PJF5	DN125	120	3000	DN25	60	0.09	105
PJF6	DN150	160	5900	DN40	150	0.18	165
PJF8	DN200	300	5900	DN40	150	0.18	190
PJF10	DN250	450	9500	DN50	200	0.37	255
PJF12	DN300	650	9500	DN50	200	0.37	290

尺寸如有偏差、以实际图纸为准/Please refer to the actual drawings for any discrepancies in dimensions.

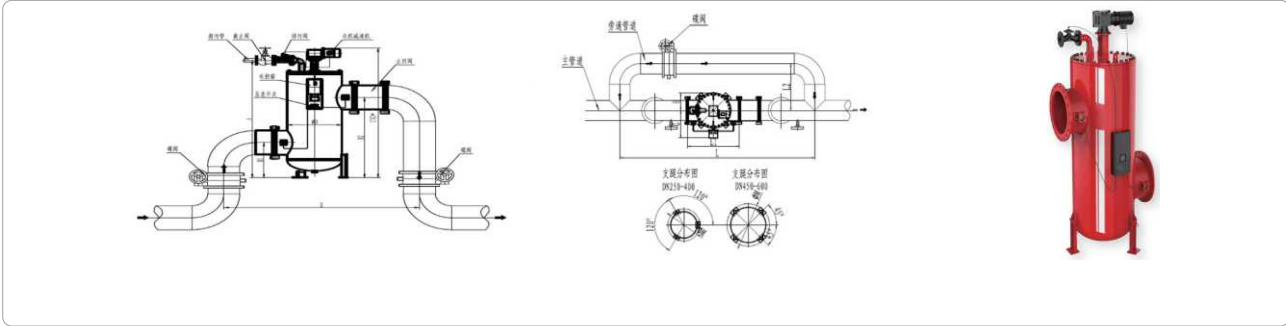
■ 安装尺寸/Product size specifications

型号 Model	∅D (mm)	A(mm)	B(mm)	C(mm)	C*(mm)	G(mm)	H(mm)
PJF2	∅273	460	500	1100	1800	325	320
PJF2.5	∅273	460	500	1100	1800	325	320
PJF3	∅273	460	500	1115	1800	325	320
PJF4	∅273	460	500	1130	1800	325	320
PJF5	∅273	460	500	1140	1800	325	320
PJF6	∅325	550	800	1745	3000	345	310
PJF8	∅325	550	800	1850	3000	345	310
PJF10	∅426	790	1000	1995	3200	395	400
PJF12	∅426	790	1000	2100	3500	395	400

注:C* 为打开过滤器需要最小尺寸/Note:C* indicates the minimum dimension needed to open the filter.

PJY/PJL/PJT/PJF刷式自清洗过滤器/ Brushing Self-Cleaning Filter

► PJT型安装示意图/Model PJT Installation Diagram



■ 产品规格/Product size specifications

型号 Model	管径(MM)	过滤流量(t/h)	过滤面积(cm2)	排污量DN (MM)	一次清洗水量(KG)	电机功率 (KW)	重量(KG)
PJT2	DN50	25	3000	DN25	60	0.09	90
PJT2.5	DN65	30	3000	DN25	60	0.09	90
PJT3	DN80	60	3000	DN25	60	0.09	105
PJT4	DN100	80	3000	DN25	60	0.09	120
PJT5	DN125	120	3000	DN25	60	0.09	135
PJT6	DN150	160	5900	DN40	150	0.18	185
PJT8	DN200	300	5900	DN40	150	0.18	205
PJT10	DN250	450	9500	DN50	200	0.37	285
PJT12	DN300	650	9500	DN50	200	0.37	320
PJT14	DN350	900	12000	DN50	350	0.55	480
PJT16	DN400	1200	12000	DN50	350	0.55	520
PJT18	DN450	1500	15000	DN65	350	0.75	835
PJT20	DN500	2000	15000	DN65	350	0.75	900
PJT24	DN600	2800	18000	DN65	350	0.75	1080

尺寸如有偏差、以实际图纸为准/Please refer to the actual drawings for any discrepancies in dimensions.

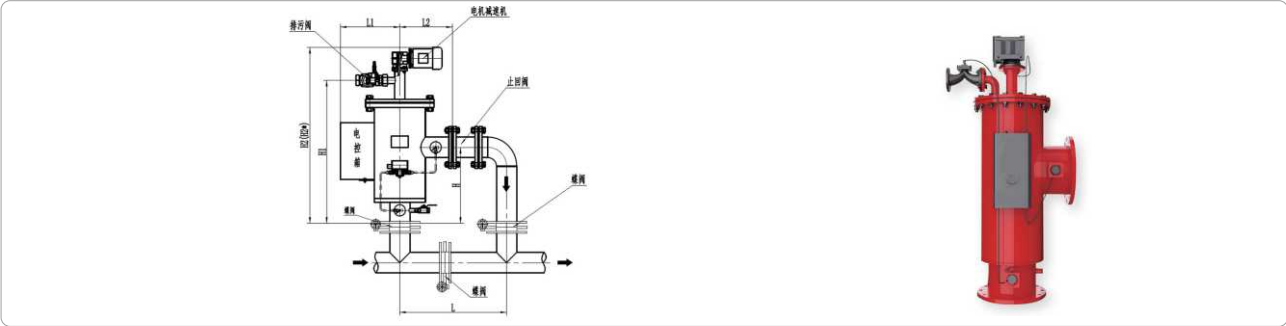
■ 安装尺寸/Product size specifications

型号 Model	A(mm)	∅D (mm)	B1(mm)	B2(mm)	C(mm)	C*(mm)	E(mm)	G(mm)	H(mm)	L1(mm)	L2(mm)	L(mm)	∅M(mm)
PJT2	1033	∅273	300	700	1207	2000	1100	360	182.5	600	400	1500	370
PJT2.5	1033	∅273	300	700	1207	2000	1100	360	182.5	600	400	1500	370
PJT3	1033	∅273	300	700	1207	2000	1100	360	182.5	600	400	1500	370
PJT4	1033	∅273	300	700	1207	2000	1100	360	182.5	600	400	1500	370
PJT5	1033	∅273	300	700	1207	1800	1100	360	182.5	600	400	1500	370
PJT6	1648	∅325	350	950	1877	3000	1600	385	210	700	500	2000	410
PJT8	1648	∅325	350	950	1877	3000	1600	385	210	700	500	2000	410
PJT10	1890	∅426	500	1150	2126	3300	2000	435	260	850	600	2500	560
PJT12	1890	∅426	500	1150	2126	3300	2000	435	260	850	600	2500	560
PJT14	2052	∅612	550	1400	2284	3500	2800	530	306	1050	800	3500	750
PJT16	2052	∅612	550	1400	2284	3500	2800	530	306	1050	800	3500	750
PJT18	2340	∅816	700	1600	2583	3800	3500	630	408	1200	1000	4500	1000
PJT20	2340	∅816	700	1600	2583	3800	35000	630	408	1200	1000	4500	1000
PJT24	2500	∅916	800	1750	2740	4000	4000	680	458	1300	1200	5000	1100

注:C* 为打开过滤器需要最小尺寸/Note:C* indicates the minimum dimension needed to open the filter.

PJY/PJL/PJT/PJF刷式自清洗过滤器/ Brushing Self-Cleaning Filter

► PJT型安装示意图/Model PJT Installation Diagram



■ 产品规格/Product size specifications

型号 Model	管径(MM) Pipe Diameter	过滤流量(t/h) Filtration Flow Rate	过滤面积(cm²) Filtration Area	排污DN (MM) Discharge	一次清洗水量(KG) Single Cleaning Water Volume	电机功率(KW) Motor Power	重量(KG) Weight
PJL2	DN50	25	3000	DN25	60	0.09	88
PJL2.5	DN65	30	3000	DN25	60	0.09	92
PJL3	DN80	60	3000	DN25	60	0.09	95
PJL4	DN100	80	3000	DN25	60	0.09	105
PJL5	DN125	120	3000	DN25	60	0.09	115
PJL6	DN150	160	5900	DN40	150	0.18	170
PJL8	DN200	300	5900	DN50	150	0.18	185
PJL10	DN250	450	9500	DN50	200	0.37	230
PJL12	DN300	650	9500	DN50	200	0.37	265
PJL14	DN350	900	12000	DN50	350	0.55	430
PJL16	DN400	1200	12000	DN50	350	0.55	450
PJL18	DN450	1500	15000	DN65	350	0.75	680
PJL20	DN500	2000	15000	DN65	350	0.75	720
PJL24	DN600	2800	18000	DN65	350	0.75	915

尺寸如有偏差,以实际图纸为准/Please refer to the actual drawings for any discrepancies in dimensions.

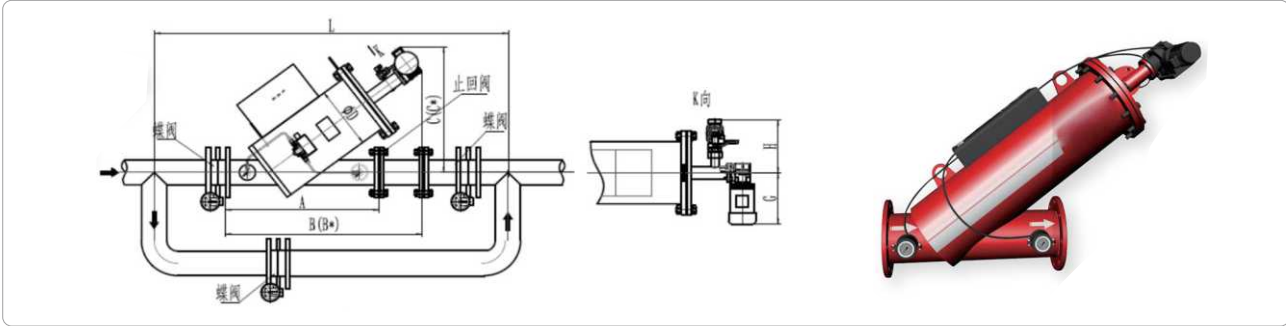
■ 安装尺寸/Product size specifications

型号 Model	∅D (mm)	H(mm)	H1(mm)	H2(mm)	H2*(mm)	L1 (mm)	L2 (mm)	L(mm)
PJL2	∅273	400	753	926	1500	320	280	800
PJL2.5	∅273	400	753	926	1500	320	280	800
PJL3	∅273	400	753	926	1500	320	280	800
PJL4	∅273	400	753	926	1500	320	280	800
PJL5	∅273	400	753	926	1500	320	280	800
PJL6	∅325	800	1300	1527	2700	310	350	1000
PJL8	∅325	800	1300	1527	2700	310	350	1000
PJL10	∅426	800	1375	1606	2800	400	400	1200
PJL12	∅426	800	1375	1606	2800	400	400	1200
PJL14	∅612	900	1552	1784	3000	525	500	1500
PJL16	∅612	900	1552	1784	3000	525	500	1500
PJL18	∅816	950	1700	1943	3200	605	600	1800
PJL20	∅816	950	1700	1943	3200	605	600	1800
PJL24	∅916	1000	1722	1963	3200	640	650	2000

注:H2* 为打开过滤器需要最小尺寸/Note:H2* indicates the minimum dimension needed to open the filter.

PJY/PJL/PJT/PJF刷式自清洗过滤器/ Brushing Self-Cleaning Filter

► PJY型安装示意图/Model PJY Installation Diagram



■ 产品规格/Product size specifications

型号 Model	管径(MM) Pipe Diameter	过滤流量(t/h) Filtration Flow Rate	过滤面积(cm²) Filtration Area	排污DN (MM) Discharge	一次清洗水量(KG) Single Cleaning Water Volume	电机功率(KW) Motor Power	重量(KG) Weight
DSY2	DN50	25	3000	DN25	60	0.09	90
DSY2.5	DN65	30	3000	DN25	60	0.09	95
DSY3	DN80	50	3000	DN25	60	0.09	106
DSY4	DN100	80	3000	DN25	60	0.09	110
DSY5	DN125	120	3000	DN40	150	0.09	118
DSY6	DN150	160	5900	DN40	150	0.18	165
DSY8	DN200	300	5900	DN40	150	0.18	185
DSY10	DN250	450	9500	DN50	200	0.37	285
DSY12	DN300	650	9500	DN50	200	0.37	320

尺寸如有偏差,以实际图纸为准/Please refer to the actual drawings for any discrepancies in dimensions.

■ 安装尺寸/Product size specifications

型号 Model	∅D (mm)	A (mm)	B(mm)	B*(mm)	C(mm)	C*(mm)	G(mm)	H(mm)	L(mm)
DSY2	∅219	650	832	1300	552	850	225	235	1500
DSY2.5	∅219	650	832	1300	552	850	225	235	1500
DSY3	∅219	650	832	1300	552	850	225	235	1500
DSY4	∅273	650	832	1300	552	850	225	235	1500
DSY5	∅273	650	832	1300	552	850	225	235	1500
DSY6	∅273	800	1318	2150	920	1500	385	310	2800
DSY8	∅273	800	1318	2150	920	1500	385	310	2800
DSY10	∅426	1200	1480	2300	942	1500	440	400	3000
DSY12	∅426	1200	1480	2300	942	1500	440	400	3000

注:B*,C* 为打开过滤器需要最小尺寸/Note:B*,C* indicates the minimum dimension needed to open the filter.

模块化自清洗过滤器/ Modular Self-Cleaning Filter

► 产品信息Product Overview

模块化自清洗过滤器基于模块化理念设计, 将多个标准过滤单元组成全自动过滤系统。该系统安全系数高, 可按流量需要灵活增加在线单元数量。模块化自清洗过滤器自动化运行, 免人工清洗, 扩展性强, 可外接高压体冲洗工作, 低压差运行, 采用V-SLOT滤元, 反冲洗彻底, 反冲洗耗用液体少。模块化自清洗过滤器能净化流体, 保护后道关键设备, 也能利用其反冲洗排出液回收昂贵固体颗粒。产品适用于低粘性液体, 如: 原水、污水、汽油、重型焦化汽油、柴油、渣油等。

The Modular Self-Cleaning Filter is designed based on a modular concept that combines multiple standard filtration units into a fully automatic filtration system. This system offers high safety and flexibility and allows the addition of more in-line units based on flow requirements. The filter operates automatically without manual cleaning, with excellent scalability. It can be connected to high-pressure systems for flushing, operates at low pressure differentials, and uses V-SLOT filter elements for thorough backwashing with minimal flushing liquid consumption. The Modular Self-Cleaning Filter efficiently purifies fluids, protects downstream equipment, and recovers valuable solid particles through backwashing. It is suitable for low-viscosity liquids, including raw water, wastewater, gasoline, heavy coking gasoline, diesel, and residual oils.



► 模块化自清洗过滤器细分为四个系列/The modular self-cleaning filter is categorized into four series:

PJ-R系列, 滤液自动反冲洗型, 利用其他过滤单元的滤液逆流来冲洗滤元外表面滤饼; PJ-V系列, 外接流体自动反冲洗, 利用外接的洁净流体(液体或气体)冲洗滤元表面滤饼; PJ-T系列, 滤液手动反冲洗型; PJ-G系列, 外接流体手动反冲洗型。

The PJ-R Series features automatic backwashing with filtrate, utilizing reverse flow from other filter units to clean the surface of the filter elements. The PJ-V Series uses automatic backwashing with external clean fluid, where external liquid or gas is used to wash the filter elements. The PJ-T Series allows for manual backwashing with filtrate, and the PJ-G Series supports manual backwashing with external clean fluid.

► 自清洗工作原理/Working Principle of Self-Cleaning:

液体从入口总管流入, 进入各个过滤单元的入口, 液体从外向内透过滤元外表面, 流向各个过滤单元出口, 汇聚到出口总管后流出, 颗粒杂质被拦截在滤元外表面, 累积形成滤饼, 当过滤压差逐渐升高达到预设值时(通常为 kPa), 或者清洗时间周期到时, 控制系统启动反冲洗动作, 对每个过滤单元逐一反冲洗, 整个反冲洗过程完成, 当某一个过滤单元被反冲时, 其他单元仍正常过滤。根据反冲洗液体来源不同, 反冲方式分为: 滤出液清液反冲型、外接清液反冲型。反冲洗原理如下:

Liquid enters through the inlet manifold and flows into the inlets of each filter unit. It passes through the filter elements from the outer surface to the inner surface, and then towards the respective outlet of each unit. The filtered liquid converges at the outlet manifold and exits. Particulate impurities are captured on the outer surface of the filter elements, where they accumulate to form a filter cake. When the differential pressure rises to a preset value (typically kPa) or when the cleaning cycle time has elapsed, the control system activates the backwashing process, backwashing each filter unit one at a time. The other filter units continue normal filtration while one unit undergoes backwashing. The backwashing method is divided into two types based on the source of the backwash fluid: filtrate backwashing and external clean fluid backwashing. The principle of backwashing is outlined below:

► 滤出清液反冲型Filtrate Backwashing

过滤时: 进出口阀门打开, 反洗阀门关闭。

During filtration: The inlet and outlet valves are open, and the backwash valve is closed.

反冲洗时: 控制系统关闭一个过滤单元的进口阀门, 同时打开反冲洗阀, 由于在滤元内部和反冲洗出口(连接大气)之间存在压差, 其它过滤单元的部分滤出液会流向这个过滤单元, 迅速反冲洗滤元, 把滤元外表面的杂质冲掉, 经反冲洗总管排走, 然后关闭反冲洗阀并打开进口控制阀进行继续过滤作业; 此时控制系统对下一个过滤单元执行一样的反冲洗动作, 直到逐一反冲洗完所有过滤单元。

During backwashing: The control system shuts the inlet valve of a specific filter unit and opens the backwash valve. The pressure differential between the filter element and the backwash outlet (which leads to the atmosphere) causes filtrate from other filter units to flow into the selected unit, rapidly backwashing the filter element and flushing the impurities off its surface. The contaminants are discharged through the backwash manifold. Once backwashing is complete, the backwash valve is closed, and the inlet valve is opened to continue filtration. This process is repeated for each filter unit until all units have been backwashed.

模块化自清洗过滤器/ Modular Self-Cleaning Filter

► 外接清液反冲型/External Clean Fluid Backwashing

过滤时: 进出口阀门打开, 反洗进出口控制阀门关闭。

During filtration: The inlet and outlet valves are open, and the backwash inlet and outlet control valves are closed.

反冲洗时: 控制系统关闭一个过滤单元的进口阀门和出口阀门, 打开反冲洗入口阀门和出口阀门, 利用外接清洁液体或气体反冲洗滤元, 把滤元外表面的杂质冲洗净, 经反冲洗总管排走, 然后关闭反冲洗进出口阀, 打开液体进出口阀进行继续过滤作业; 控制系统对下一个过滤单元执行一样的反冲洗动作, 直到逐一反冲洗完所有过滤单元。外接清液反冲型, 适用于粘性稍高的液体, 或入口压力小于0.3Mpa的场合(视精度、粘度而有一定差异)。

During backwashing: The control system closes both the inlet and outlet valves of a filter unit, then opens the backwash inlet and outlet valves. The external clean fluid or gas is used to backwash the filter element, flushing the impurities off its outer surface. The contaminants are then expelled through the backwash manifold. Once backwashing is completed, the backwash inlet and outlet valves are closed, and the liquid inlet and outlet valves are opened to resume filtration. This procedure is repeated for each filter unit until all units have undergone backwashing. The External Clean Fluid Backwashing type is ideal for liquids with moderately high viscosity or for applications where the inlet pressure is below 0.3 MPa (the exact suitability may vary based on the precision and viscosity).



► 配置说明/Configuration Description

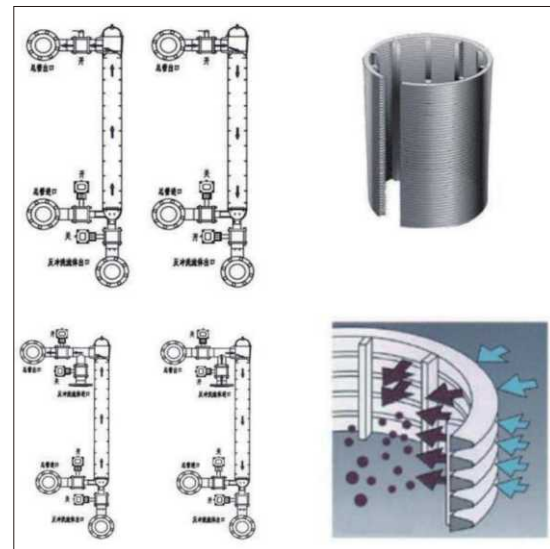
V-SLOT滤元

V-SLOT Filter Elements

过滤器配备V-SLOT缝隙型精密金属滤元有两种可选, A型过滤面积0.267平方米; B型过滤面积0.314平方米, B型过滤面积比A型多17%, 适用于小于100微米以下的过滤, 过滤器可以更紧凑, A型适用于大于100微米以上的过滤。V-SLOT滤元具有以下突出优点:

The filter is equipped with V-SLOT precision metal filter elements, available in two options: Type A, with a filtration area of 0.267 m², and Type B, with a filtration area of 0.314 m², which is 17% larger than Type A. Type B is suitable for filtering particles smaller than 100μm, allowing for a more compact filter design, while Type A is suitable for filtration of particles larger than 100μm. V-SLOT filter elements offer the following key benefits:

- V型缝隙, 不易被杂质卡死, 长期保持稳定流量
- 擅长过滤纤维、油泥状、软性结块等杂质
- 高强度结构, 压差上升时, 缝隙不变形
- 耐受高强度的正、反向压力
- 精度范围20-500微米
- 表面缝宽精准, 实现精准过滤
- 主体304、316L材质, 耐腐蚀性能出色
- 滤元外表面光滑, 清洗方便
- V-shaped gaps that are not easily blocked by impurities, maintaining stable flow over a long period.
- Excellent at filtering fibers, oily sludge, soft blockages, and other impurities.
- High-strength structure that prevents deformation of the gaps even when the differential pressure increases.
- Able to withstand high-intensity positive and reverse pressures.
- Precision range of 20-500μm.
- Surface gap width is precisely controlled for accurate filtration.
- Made from corrosion-resistant 304 and 316L stainless steel.
- Smooth surface of the filter elements for easy cleaning.



► 应用范围 Application Range

运用领域: 原水处理、水处理系统、制冷系统、电力钢铁、造纸、采矿、石油化工、市政水处理设施等。

Applications: Raw water treatment, water treatment systems, refrigeration systems, power and steel industries, papermaking, mining, petrochemical, municipal water treatment plants, and more.

适用液体: 原水、工艺用水、清白水、超清白水、冷却循环水、高压喷淋水、低压喷淋水、密封水、水针水、各种原油油(如柴油、汽油、石脑油、渣油等)、钢铁冷轧热轧冷却液等。

Applicable Liquids: Raw water, process water, clear water, ultrapure water, cooling water, high-pressure spray water, low-pressure spray water, sealing water, injection water, various crude oils (e.g., diesel, gasoline, naphtha, heavy oil, etc.), steel cold and hot rolling cooling fluids, etc.

模块化自清洗过滤器/ Modular Self-Cleaning Filter

► ACS系列自清洗控制系统/ACS Series Self-Cleaning Control System

ACS系列自动清洗控制系统，基于西门子PLC设计，可以控制MS-CF过滤器高效运行。如需要，经定制也可实现DCS远程实时监控。ACS控制系统预留了3个干接点，可以向DCS系统反馈运行状态、反冲洗状态、过高压差报警。

The ACS Series automatic cleaning control system, based on Siemens PLC design, optimizes the performance of the MS-CF filter. If needed, it can be customized for DCS remote real-time monitoring. The ACS control system features three dry contact points that can send feedback to the DCS system, including operational status, backwash status, and high differential pressure alarm.

ACS控制系统带有压差和定时反冲洗功能，压差模式适用多数场合，是最高效的模式，压差反映的是滤元外表面滤饼堆积情况，当达到设定值时，即启动自清洗动作，建议清洗压差值为70Kpa，可根据工况在50–200Kpa范围内设定。定时模式可以在0–24小时之间设置，如压差模式失效时，时间模式仍起作用，凸显最终安全保障这一功能，清洗周期设定应接近过滤器压差清洗模式下的平均周期。

The ACS control system includes both differential pressure and timed backwashing features. The differential pressure mode is the most efficient and works well for most applications. It measures the accumulation of filter cake on the outer surface of the filter element. Once the preset differential pressure value is reached, the self-cleaning action begins. The suggested cleaning differential pressure is 70 kPa, though it can be adjusted between 50 and 200 kPa according to the working conditions. The timed mode can be set within a range of 0 to 24 hours. If the differential pressure mode fails, the timed mode still ensures operation, providing an additional layer of safety. The cleaning cycle should be set close to the average cycle time of the filter's differential pressure cleaning mode.

ACS控制系统压差变送器有两种形式（压差变送器、压差开关），压差变送器可输出实时压差值，灵敏度与可靠性最高，便于DCS远程实时监控；另一发射器—压差开关具有高灵敏度与长期可靠性，有两个压差设定点，设定点精度±5Kpa，一个为清洗压差值（如70KPa），另一个可作为异常压差值用来报警（如0.2MPa），可连接到DCS远程监控。

The ACS control system includes two types of differential pressure transmitters: the differential pressure transmitter and the differential pressure switch. The differential pressure transmitter can provide real-time differential pressure values, with the highest sensitivity and reliability, making it well-suited for DCS remote monitoring. The differential pressure switch is highly sensitive and reliable over the long term, with two differential pressure set points and an accuracy of ±5 kPa. One set point is for the cleaning differential pressure (e.g., 70 kPa), while the other is used for an abnormal differential pressure that triggers an alarm (e.g., 0.2 MPa). It can also be connected to DCS for remote monitoring.



模块化自清洗过滤器/ Modular Self-Cleaning Filter

■ 产品规格/Product specifications

型号 Model	PJ-R过滤器/PJ-R Filter	PJ-V过滤器/PJ-V Filter
反冲洗流体 Backwash Fluid	滤出清液/Filtrate Clean Liquid	外接清液或气体/External Clean Liquid or Gas
适用粘度 Applicable Viscosity	<50cps	<100cps
杂质含量 Impurity Content	<300ppm	<300ppm
最低进口压力要求 Minimum Inlet Pressure Requirement	>0.3MPa	无特殊要求, <0.3MPa同样适用 No Special Requirement, <0.3 MPa also applicable
安装位置 Installation Location	泵后/After Pump	泵前或泵后/Before or After Pump
过滤精度 Filtration Accuracy	50-500um	20-500um
标准设计压力等级 Standard Design Pressure Rating	0.6MPa, 1.0MPa, 1.6MPa, 2.5MPa, 4.0MPa	
最高设计温度 Maximum Design Temperature	0-250°C (取决于密封件/depending on the sealing material)	
过滤单元数量 Number of Filter Units	3~24	
过滤单元进出口阀门尺寸(注1) Filter Unit Inlet and Outlet Valve Size (Note 1)	DN50 (2英寸), 最大流量25立方/小时; DN65 (2 1/2英寸), 最大流量42立方/小时 DN50 (2 inches), maximum flow rate 25 m³/hour; DN65 (2 1/2 inches), maximum flow rate 42 m³/hour	
过滤单元反冲洗阀门尺寸 Filter Unit Backwash Valve Size	DN50 (2英寸); DN65 (2 1/2英寸)	
过滤单元过滤面积 Filter Unit Filtration Area	A型: 0.267平方米; B型: 0.314平方米 Type A: 0.267 m²; Type B: 0.314 m²	
反冲洗压差 Backwash Differential Pressure	70KPa-130KPa	
报警压差 Alarm Differential Pressure	200KPa	
总管进出口尺寸 Manifold Inlet and Outlet Size	DN65-DN400	
总管进出口法兰形式 Manifold Inlet and Outlet Flange Type	松套法兰, 法兰板碳钢热镀锌 Loose flange, flange plate made of carbon steel with hot-dip galvanization	
总管进出口连接标准 Manifold Inlet and Outlet Connection Standard	HG/T20592-2009 (标配, 兼容DIN), HG/T20615-2009 (兼容ANSI B16.5) HG/T20592-2009 (standard, compatible with DIN), HG/T20615-2009 (compatible with ANSI B16.5)	
滤元材质 Filter Element Material	V-SLOT缝隙型金属滤元, 材质304、316L等 V-SLOT slit-type metal filter elements, made of 304, 316L, and other materials	
壳体接液材质 Housing Liquid Contact Material	304, 316L等 304, 316L, and other materials	
壳体密封材质 Housing Seal Material	NBR丁腈橡胶 (标配)、VITON (FKM) 氟橡胶 NBR (Nitrile Rubber) (standard), VITON (FKM) Fluorine Rubber	
流体控制阀门 Fluid Control Valve	气动球阀, 防护等级IP65, 阀座材质PTFE Pneumatic ball valve, protection level IP65, valve seat material PTFE	
公用供给要求 Utility Supply Requirements	220VAC 0.4-0.6MPa洁净干燥压缩空气 220VAC, 0.4–0.6 MPa clean and dry compressed air	
控制系统 Control System	西门子PLC, 工作电压24V, IP55 Siemens PLC, operating voltage 24V, IP55 protection	
压差发讯器 Differential Pressure Transmitter	压差开关 (标配) 或压差变送器 Differential pressure switch (standard) or differential pressure transmitter	

注1: 仅指每个过滤单元进出口管径的最大流量, 应主要考虑过滤精度、粘度与杂质含量来确定每个过滤单元的流量
Note 1: It refers only to the maximum flow rate of each filter unit's inlet and outlet pipe diameter. The flow rate for each filter unit should primarily be determined based on filtration accuracy, viscosity, and impurity content.

滤元可选精度 Optional Filter Element Accuracy	目数 Mesh	750	600	500	400	300	200	150	120	100	75	60	50	40	30
	微米 Micron	20	25	30	37.5	50	75	100	125	150	200	250	300	375	500



立式硅藻土过滤器/Vertical Diatomite Filter

产品信息Product Overview

立式硅藻土过滤器是一台机器，本设备由壳体、中间轴、过滤板、过滤网、导杆、气阀、玻璃视镜、胶轮等组成，所接触的机件，均采用不锈钢材料制成，壳体分为多节、单节、节间用橡胶密封圈密封，便于拆卸清洗。The vertical diatomite filter is a single unit composed of a housing, central shaft, filter plates, filter mesh, guide rods, air valves, glass sight glasses, rubber wheels, and other components. All machine parts in contact with the liquid are made of stainless housing. The housing is divided into multiple sections, with rubber seals between sections for easy disassembly and cleaning.

应用范围Application Range

在白酒、果酒、低度酒、黄酒、药酒、葡萄酒、饮料等行业得到广泛应用，过滤澄清度可达到百分之99.8。

Diatomaceous earth finds extensive use in industries including spirits, fruit wine, low-alcohol spirits, yellow wine, medicinal wine, grape wine, and various beverages, with a filtration clarity of up to 99.8%.



产品优势/Product Advantages

1. 硅藻土是一种在若干千万年前的水生植物，名叫硅藻之类的细胞壁组成的一种生物化学沉积岩，有着无数的小孔和其粉粒度很小，—100微米，约百分之90为可透性空隙，主要成分是SiO₂，具有很好的化学稳定性、耐高温、不溶于水、无毒，这种多孔微粒具有极大的过滤能力，能除去1-0.1微米之间的杂质。1. Diatomaceous earth is a biochemical sedimentary rock composed of the cell walls of aquatic plants, specifically diatoms, which lived millions of years ago. It has countless tiny pores and a very fine particle size—about 100 microns, with approximately 90% of it being permeable voids. The main component is SiO₂, which gives it excellent chemical stability, high temperature resistance, and insolubility in water. It is non-toxic. This porous micro-particle structure provides exceptional filtration capability, capable of removing impurities ranging from 1 to 0.1 microns.

2. 助滤特性大致有以下几点：

性能稳定适应性好，由于硅藻土助滤剂主要是二氧化硅组成，所以化学性能稳定，在冷热和不同浓度的酸液中也能不影响其原液的基本性质。2. The filtration aid characteristics can be summarized as: It is highly stable and adaptable. Diatomaceous earth, primarily made of silicon dioxide (SiO₂), maintains excellent chemical stability. Its properties remain unchanged in both hot and cold conditions, as well as in acidic solutions of varying concentrations, ensuring the original liquid's core characteristics are not altered.

3. 可获得高的流速和澄清度，助滤剂因其尺寸参差，骨架坚硬，富有单孔和复孔及多种形状的关系，使滤层不能密聚，具有较大的表面积和较大的孔隙度，而达到较高的滤速和理想的澄清度。

3. Diatomaceous earth provides high filtration speeds and superior clarity. The irregular particle sizes, combined with its rigid skeletal structure and a mix of single and multi-pore shapes, prevent the filter layer from compacting too tightly. This increases the surface area and porosity and leads to faster filtration and optimal clarity.

4. 我单位可以提供吉林长白山的硅藻土，有粗土和细土两种。

4. Our company offers diatomaceous earth from the Changbai Mountain area in Jilin, available in both coarse and fine grades.

立式滤机特点和结构

Features and Structure of the Vertical Filter

1. 本机由壳体、中间轴、过滤板、过滤网导杆、气阀、玻璃视镜组成，所有液体接触部分均采用不锈钢和ABS材料，壳体分两节便于拆洗。1. This machine consists of a housing, central shaft, filter plates, filter mesh guide rods, air valves, and glass sight glasses. All liquid-contacting parts are made of stainless steel and ABS materials. The housing is divided into two sections for easy disassembly and cleaning.

2. 采用立式硅藻土过滤机，比陈旧的桶饼式过滤机和卧式过滤机有明显的优势：

2. The vertical diatomite filter has significant advantages over the outdated drum cake filter and horizontal filters:

① 能源节约百分之92，酒损失减少百分之90

② 设备成本节省3分之2，工人减少4分之3

③ 不易掉土过滤效果更好。

① 92% energy savings, and a 90% reduction in alcohol loss

② Equipment cost savings of 67%, and a reduction of 75% in the number of workers

③ Less diatomite loss and better filtration results.

3. 使用立式硅藻土过滤机过滤后的酒和饮料风味不变、无毒、无悬浮物、无沉淀、澄清透明，占地面积小、移动方便。

3. After filtration with the vertical diatomite filter, the flavor of the alcohol and beverages remains unchanged, with no toxicity, no suspended solids, no precipitation, and a clear, transparent product. It occupies less space and is easy to move.

密闭板式过滤器/Plate-type Closed Filter

产品信息Product Overview

密闭板式过滤器是一种高效、节能、密闭操作的精密澄清过滤设备，它广泛适用于石油化工、精细化工、油脂、涂料、食品、制药等行业。

The plate-type closed filter is an efficient, energy-saving, and sealed precision clarification filtration device. It is extensively applied in industries like petrochemicals, fine chemicals, oils, coatings, food, pharmaceuticals, and others.

该产品过滤元件全部为不锈钢材质，由于整个过滤过程全部在密闭容器中进行，可以完美替代传统的“板框压滤机”，也可以实现保温过滤。该设备可定制为手动排渣和自动排渣两种形式，使用非常方便，避免了传统压滤机“开放式”结构出现的漏料、污染等缺陷，而且过滤精度非常高，过滤面积从2平方到80平方可供用户选择，根据过滤的工艺要求密封容器有碳钢与不锈钢两种材质可供选择。

The filter elements in this product are made of stainless steel. As the entire filtration process is conducted inside a sealed container, it serves as a perfect replacement for traditional “plate and frame filter presses” and can also facilitate thermal filtration. This equipment can be customized in two versions: manual and automatic slag discharge, offering great convenience. It avoids the drawbacks of traditional filter presses, such as material leakage and contamination, due to their “open” structure. Additionally, the filtration accuracy is very high, with filtration areas ranging from 2m2 to 80m2, allowing users to select the appropriate size. Depending on the filtration process requirements, the sealed container can be made from either carbon steel or stainless steel.

主要结构/Main Structure

过滤器主体是由壳体、过滤板、起盖结构、排渣装置等组成。其中过滤板由多层不锈钢滤网制作而成，安装在中心集液管上，拆装、清理十分方便。

The filter body is composed of a shell, filter plates, cover-opening mechanism, slag discharge system, and other components. The filter plates are made of multiple layers of stainless steel mesh and are mounted on the central collection pipe. The disassembly and cleaning are very convenient.

过滤时，含助滤剂的待滤液通过输送系统进入滤器，使过滤网上形成滤饼（滤饼层可提供无数的细微通道），待滤液经滤饼层微孔进入实现过滤。

During filtration, the liquid to be filtered, containing filter aids, is introduced into the filter, causing a filter cake to form on the filter mesh. This filter cake provides a vast number of fine channels, allowing the liquid to pass through the micropores in the cake for filtration.



滤网板
Filter Mesh Plate

过滤原理/Filtration Principle

- 金属丝网 + 助滤剂 + 压力。
- 不锈钢多层丝网与框架组成滤板。
- 过滤器可适用各种助滤剂（如：硅藻土、白土、漂土）。
- 压差时，助滤剂在网板上形成滤饼，即正常过滤。
- Metal wire mesh + filter aid + pressure.
- The filter plate is composed of stainless steel multi-layer wire mesh and a framework.
- The filter is compatible with various filter aids (such as diatomaceous earth, white clay, bentonite).
- Under differential pressure, the filter aid forms a filter cake on the mesh plate, which enables normal filtration.

应用范围 Application Range

- 石油化工 • 油脂 • 涂料 • 食品 • 制药 • 化学品类 • 各类助剂和各种水处理
- Petrochemicals • Oils and Fats • Coatings • Food • Pharmaceuticals
- Chemicals • Various additives and water treatment

产品特点/Product Features

- 设计独特的过滤网板，无需滤纸和滤布，从而大大降低过滤成本。
- 全密闭过滤操作确保无污染，无物料损耗。
- 自动振动落渣装置可实现自动化连续作业。
- 自动阀门排渣，从而大大降低工人劳动强度。
- The uniquely designed filter mesh plate eliminates the need for filter paper and cloth, significantly reducing filtration costs.
- Fully enclosed filtration operation ensures no contamination and no material loss.
- The automatic vibration slag discharge device enables automated continuous operation.
- Automatic discharge valves greatly reduce the labor intensity of workers.



密闭板式过滤器/Plate-type Closed Filter

技术参数/Technical Parameters

型号	过滤面积(m²)	滤饼体积(L)	处理能力/Processing Capacity(T/H)			工作压力/Operating Pressure (Mpa)		工作温度(°C)	过滤器容积(L)	主机重量(Kg)
Model	Filtration Area	Filter Cake Volume	油脂/Resins	树脂/Oils	饮料/Beverages	额定压力 Rated Pressure	最高压力 Max Pressure	Operating Temperature	Filter Volume	Main Unit Weight
PJF-02	2	30	0.4-0.6	1-1.5	1-3	0.1-0.4	0.5	≤150	120	300
PJF-04	4	60	0.5-1.2	2-3	2-5				250	400
PJF-07	7	105	1-1.8	3-6	4-7				420	600
PJF-10	10	150	1.6-3	5-8	6-9				800	900
PJF-12	12	240	2-4	6-9	8-11				1000	1100
PJF-15	15	300	3-5	7-12	10-13				1300	1300
PJF-20	20	400	4-6	9-15	12-17				1680	1700
PJF-25	25	500	5-7	12-19	16-21				1900	2000
PJF-30	30	600	6-8	14-23	19-25				2300	2500
PJF-36	36	720	7-9	16-27	23-31				2650	3000
PJF-40	40	800	8-11	21-34	30-38				2900	3200
PJF-45	45	900	9-13	24-39	36-44				3200	3500
PJF-52	52	1040	10-15	27-45	42-51				3800	4000
PJF-60	60	1200	11-17	30-52	48-60				4500	4500
PJF-70	70	1400	12-19	36-60	56-68				5800	5500
PJF-80	80	1600	13-21	40-68	64-78				7200	6000

产品规格/Product specifications

型号	筒体直径	滤片间距	进出口	溢流口	排渣口	高度	占地面积
Model	Housing Diameter	Filter Plate Spacing	Inlet/Outlet	Overflow Port	Slag Discharge Port	Height	Footprint Area
PJF-02	Ø400	50	DN25	DN25	DN150	1550	620x600
PJF-04	Ø500	50	DN40	DN25	DN200	1800	770x740
PJF-07	Ø600	50	DN40	DN25	DN250	2200	1310x1000
PJF-10	Ø800	70	DN50	DN25	DN300	2400	1510x1060
PJF-12	Ø900	70	DN50	DN40	DN400	2500	1610x1250
PJF-15	Ø1000	70	DN50	DN40	DN400	2650	1710x1350
PJF-20	Ø1000	70	DN50	DN40	DN400	2950	1710x1350
PJF-25	Ø1100	70	DN50	DN40	DN500	3020	1810x1430
PJF-30	Ø1200	70	DN50	DN40	DN500	3150	2030x1550
PJF-36	Ø1200	70	DN65	DN50	DN500	3250	2030x1550
PJF-40	Ø1300	70	DN65	DN50	DN600	3350	2130x1560
PJF-45	Ø1300	70	DN65	DN50	DN600	3550	2130x1560
PJF-52	Ø1400	75	DN80	DN50	DN600	3670	2230x1650
PJF-60	Ø1500	75	DN80	DN50	DN600	3810	2310x1750
PJF-70	Ø1600	80	DN80	DN50	DN600	4500	3050x1950
PJF-80	Ø1750	80	DN80	DN50	DN600	4500	3210x2100

注：尺寸如有偏差，以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.

全自动过滤系统烛式系列/Fully Automatic Filter System-Candle Series

产品信息/Product Overview

全自动过滤系统又称烛式(滤饼层)过滤系统、集束管式过滤系统。前者根据过滤原理和方式命名,后者是根据结构形式来命名。主要用来自动拦挡液流中的固体颗粒,并且可以干渣的方式排出。

The fully automatic filtration system, also referred to as the candle (filter cake) filtration system or bundled pipe filtration system, is named according to its filtration principle and method (candle-type) or structural design (bundled pipe). This system is mainly used to automatically intercept solid particles in the liquid flow and discharge them as dry slag.

产品特点/Product Features

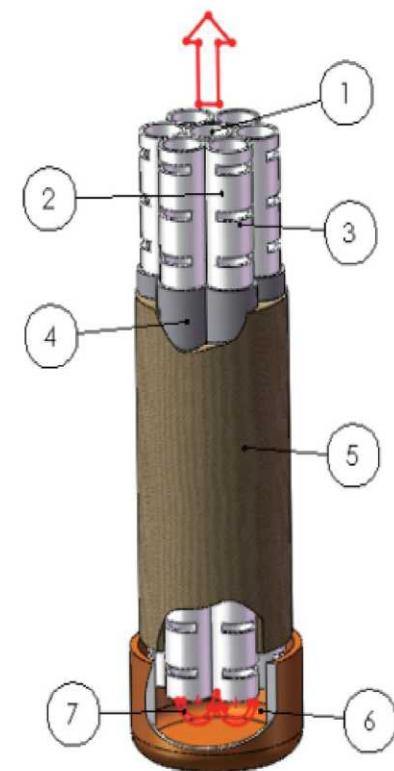
滤芯骨架设计采用六瓣梅花设计,上下端口采用模具化制造,滤布在骨架上平滑过渡,有利于排净滤杆内的液体,增加滤芯承压、承重能力,有利于自动干燥脱饼,其形式的独特设计更增加了滤芯生产的一致性和可靠性,同时还增强了滤饼脱饼期的附着性能和脱饼期的剥离性能。

The filter element frame is designed with a six-petal flower structure, and the upper and lower ports are molded for precision manufacturing. The filter cloth transitions smoothly over the frame, aiding in the thorough drainage of liquid from within the filter rods. This design increases the filter element's ability to withstand pressure and weight, making it easier for automatic drying and cake discharge. The distinctive design not only improves the consistency and reliability of filter core production but also enhances both adhesion and detachment performance during the cake discharge process.

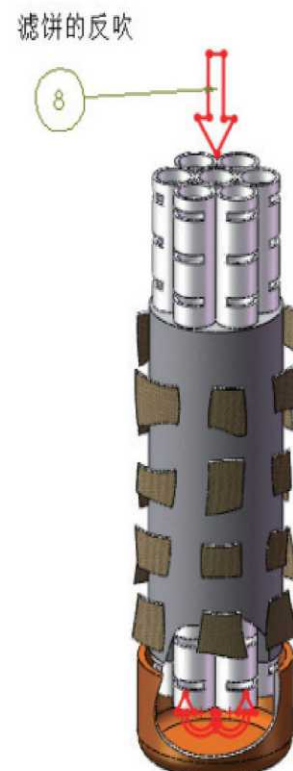
工作原理/Working Principle

全自动过滤系统在一个密闭的容器内配置多根滤芯,滤芯上套有专用滤布,当滤液经过滤布时,固体颗粒会被滤布拦截,利用架桥原理,逐步拦截不同大小的颗粒,形成可以满足过滤精度要求的滤饼层,利用滤液自己形成的滤饼层进行有效过滤。

The fully automatic filtration system houses multiple filter elements inside a sealed container, each fitted with a specialized filter cloth. As the filtrate passes through the filter cloth, solid particles are intercepted by the cloth. Using the bridging principle, particles of varying sizes are progressively trapped, creating a filter cake layer that satisfies the desired filtration accuracy. The filter cake layer formed by the filtrate itself is then utilized for efficient filtration.



- 1 中心管
Clear liquid collection pipe
Central Tube
Clear liquid collection pipe
2 滤管
作为过滤介质的支撑
Filter Tube
Serves as the support for the filtration medium
3 典型的滤管开孔
Typical Filter Tube Apertures
4 过滤介质
Filtration Medium
5 滤饼
Filter Cake
6 收集腔
连接中心管与滤管
Collection Chamber
Connects the central tube and the filter tubes
7 清液
通过中心管离开过滤单元
Clear Liquid
Exits the filtration unit through the central tube
8 反吹气体
促使滤饼排放
Backflushing Gas Assists in discharging the filter cake



全自动过滤系统烛式系列/Fully Automatic Filter System-Candle Series

工作流程/Working Process

01 预过滤/Pre-filtration

物料中的颗粒由大到小逐渐被拦截,通过“架桥”,在介质表面形成滤饼过滤层,使过滤精度达到要求。

Particles in the material are progressively intercepted from large to small. Through the “bridging” principle, a filter cake layer forms on the surface of the filtration medium to ensure the filtration accuracy meets the required standard.

02 过滤过程/Filtration Process

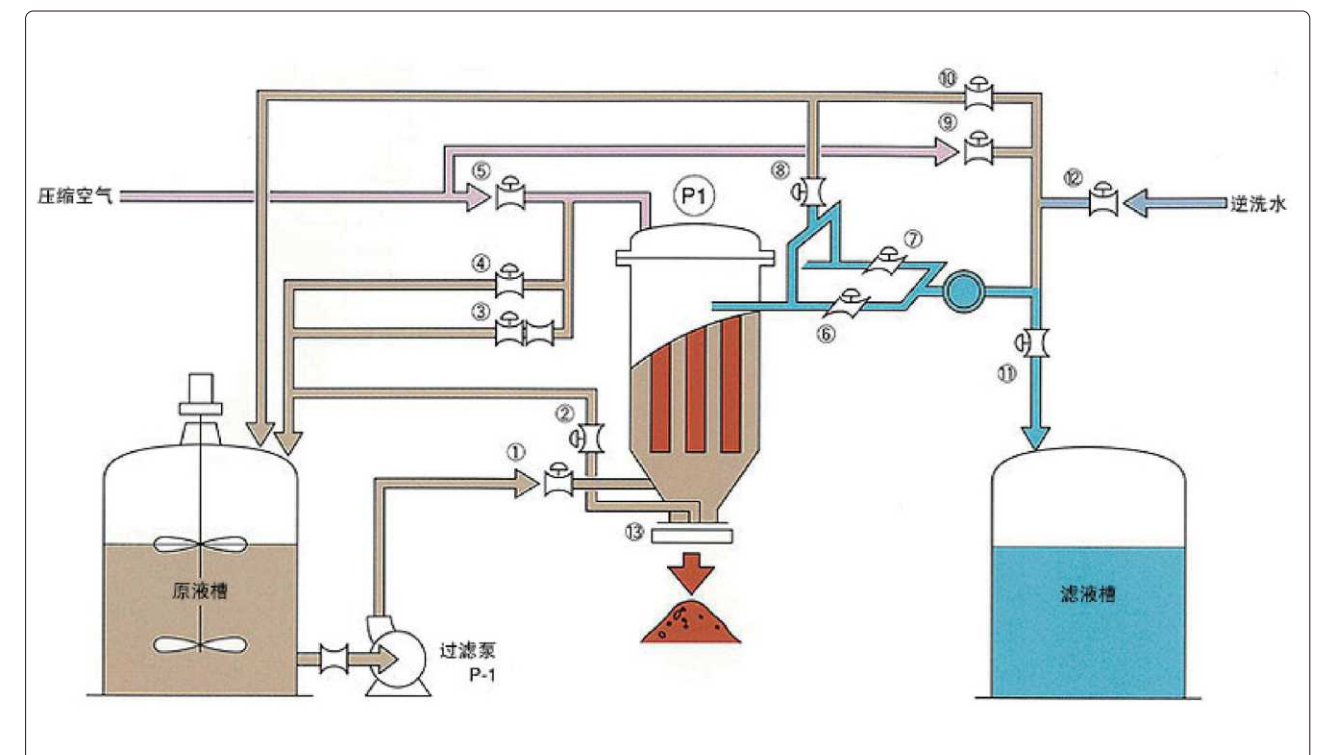
过滤阶段,物料中的颗粒被预过滤阶段的滤饼层拦截,滤饼逐渐增厚,经过滤后的滤液进入清液罐。

In the filtration stage, particles in the material are captured by the filter cake layer formed during the pre-filtration phase. The filter cake gradually thickens, and the filtered liquid flows into the clean liquid tank.

其他可选功能/Other Optional Features

- 助滤剂的预混及计量添加工艺
- 跟体积的批处理工艺
- 滤饼的在线洗涤工艺
- 雾化喷淋清洗工艺
- 物料的增稠工艺
- Pre-mixing and metered addition of filter aids
- Volume-based batch processing
- In-line washing of the filter cake
- Atomized spray cleaning process
- Material thickening process

通用工作方式流程图/General Workflow Diagram



03 干燥滤饼/Drying Filter Cake

过滤结束后排出容器内的液体,然后用气体正向通过滤饼,压出滤饼中残留的液体,降低滤饼中的含水率。

Once the filtration is complete, the liquid in the container is expelled. Then, gas is passed through the filter cake in the forward direction to expel the residual liquid from the cake, lowering its moisture content.

04 脱饼卸渣/Cake Discharge and Slag Removal

滤饼干燥结束后,分组对每一个过滤单元进行反吹,滤饼被膨胀的过滤介质震掉,从而实现排渣过程。

Once the filter cake is dried, each filtration unit undergoes backflushing in groups. The filter cake is shaken loose by the expanded filtration medium, thus completing the slag removal process.

全自动过滤系统烛式系列/Fully Automatic Filter System-Candle Series

应用范围 Application Range

• 脱色活性炭的过滤 • 催化剂的回收及过滤 • 锂电电解液添加剂过滤 • 盐水精制预除过滤系统 • 环氧树脂盐水过滤 • 锂电电解液添加剂过滤 • 无机盐的生产 • 增塑剂除碱性盐 • 烟气脱硫中FCC过滤 • 乳酸中硫酸钙的过滤 • PLA聚乳酸中吸附剂的过滤 • PGA聚乙醇酸中低聚物的过滤 • 钛白粉的钛液及一洗、二洗过滤 • 聚合物的溶液净化和催化剂去除 • TDA加氢的催化剂回收及过滤 • 生物提取酶解后脱色过滤 • Filtration of decolorized activated carbon • Catalyst recovery and filtration • Filtration of lithium battery electrolyte additives • Saltwater refining pre-filtration system • Epoxy resin saltwater filtration • Filtration of lithium battery electrolyte additives • Inorganic salt production • Removal of alkaline salts from plasticizers • FCC filtration in flue gas desulfurization • Filtration of calcium sulfate in lactic acid • Filtration of adsorbents in PLA • Filtration of low molecular weight compounds in PGA • Filtration of titanium liquid and first/second wash for titanium dioxide • Polymer solution purification and catalyst removal • TDA hydrogenation catalyst recovery and filtration	• TDA加氢的催化剂回收及过滤 • 生物提取酶解后脱色过滤 • 铜箔生产中硫酸铜电解前的净化 • 色素的产品提纯、洗涤 • 染料的中间体再生及处理液的净化 • 草甘膦回收，农业化学品加氢催化剂的回收及脱色后活性炭的去除 • 结晶前精制乳糖糖浆的净化 • 植物油残渣、活性白土和活性炭，加氢催化剂的回收 • 抗生素、维生素的活性炭去除、晶体提纯和洗涤 • 碳载体上的贵金属催化剂和雷尼镍的回收 • 粘胶纤维中二浴水、冲毛水的过滤 • PPS PTA PVC的除盐及颗粒回收 • 医药化工废水处理，冷却水循环再生 • Catalyst recovery and filtration in TDA hydrogenation • Decolorization filtration after enzymatic extraction in biotechnology • Purification of copper sulfate prior to electrolysis in copper foil production • Purification and washing of pigment products • Regeneration of dye intermediates and purification of the treatment solution • Glyphosate recovery, hydrogenation catalyst recovery for agricultural chemicals, and removal of decolorized activated carbon • Purification of refined lactose syrup before crystallization • Recovery of hydrogenation catalysts from plant oil residues, activated clay, and activated carbon • Activated carbon removal, crystal purification, and washing of antibiotics and vitamins • Recovery of precious metal catalysts and Raney nickel from carbon-based catalysts • Filtration of two-bath water and scouring water in viscose fibers • Salt removal and particle recovery in PPS, PTA, and PVC • Pharmaceutical and chemical wastewater treatment, and cooling water recycling
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产品规格/Product specifications

序号 No.	产品型号 Model	过滤面积(m²) Filtration Area	外形尺寸(mm) Dimensions	滤材尺寸(mm) Filter Material Size	滤材数量(PCS) Number of Filter Materials
1	CF-SCF-*-1	1	0377*1600	Φ60*760	7
2	CF-SCF-*-2	2	0450*2000	Φ60*1070	10
3	CF-SCF-*-3	3	0450*2500	Φ60*1600	10
4	CF-SCF-*-5	5	0 550*2400	Φ60*1400	19
5	CF-SCF-*-8	8	0700*2500	Φ60*1520	29
6	CF-SCF-*-10	10	0 700*3500	Φ60*1830	29
7	CF-SCF-*-15	15	0 900*3500	Φ60*1830	44
8	CF-SCF-*-20	20	0 900*3500	Φ60*2450	44
9	CF-SCF-*-30	30	0 1250*4500	Φ86*2300	49
10	CF-SCF-*-45	45	0 1500*4800	Φ86*2600	64
11	CF-SCF-*-60	60	0 1800*5000	Φ86*2600	86
12	CF-SCF-*-80	80	02000*5500	Φ86*2800	108
13	CF-SCF-*-100	100	02200*5500	Φ86*2200	172
14	CF-SCF-*-120	120	0 2200*6000	Φ86*2600	172
15	CF-SCF-*-150	150	0 2200*6400	Φ86*2600	214

注：尺寸如有偏差，以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.

手动定制烛棒/Manual customization of candlesticks



产品信息/Product Overview

这台烛式过滤器的过滤面积是3平方米，根据客户物料的性质采用定制的烛式滤棒，过滤全程不用滤布，清洗彻底，适合处理高黏度或易结垢的液体。搭配了一套搅拌系统，省时省力。采用手动阀门，可根据实际情况调整过滤需求，操作简单，人工开启或者关闭阀门、拆卸滤芯及清洗；成本低，无复杂控制系统，设备价格和维护费用较低。

The filtration area of this candle filter is 3 square meters. Customized candle filter candles are used according to the properties of the customer's material. No filter cloth is needed during the entire filtration process, ensuring thorough cleaning. It is suitable for handling liquids with high viscosity or prone to scaling. Equipped with a mixing system, it saves time and effort. Manual valves are used, allowing for adjustment of filtration requirements according to actual conditions. The operation is simple, with manual opening or closing of valves, disassembly of filter cartridges, and cleaning; the cost is low, with no complex control system, and the equipment price and maintenance cost are relatively low.



高效密闭板式过滤机（卧式） /Skid-mounted filter press



产品信息/Product Overview

高效密闭板式过滤机（卧式）是一款全密闭、加压式、自动化程度高的固液分离设备，集过滤、洗涤、干燥、排渣于一体，广泛应用于石油、化工、油脂、食品、医药、环保等行业，是替代传统板框压滤机、叶片过滤机的理想高效过滤设备。

设备主体为卧式密闭压力容器，内部装有多层水平滤板或滤叶，物料在压力作用下进入筒体，液体透过滤布经流道排出，固体杂质被截留在滤布表面形成滤饼。整机在全密闭环境下完成过滤、挤压、洗涤、吹干、自动卸渣等工序，无泄漏、无挥发、无异味外泄，特别适合有毒、易燃、易挥发、有污染的物料。

该机具有过滤效率高、澄清效果好、滤饼含湿量低、可自动连续运行、劳动强度低、占地面积小、操作环境洁净等优点。可根据工艺要求配置助滤剂预涂、振动卸渣、液压开合、PLC 自动控制等系统，满足高精度、高环保、高自动化的生产需求，是现代工业实现清洁、高效、密闭化分离的关键设备。

The high-efficiency closed plate filter (horizontal) is a fully enclosed, pressurized, and highly automated solid-liquid separation equipment that integrates filtration, washing, drying, and slag discharge. It is widely used in industries such as petroleum, chemical, oil and fat, food, medicine, and environmental protection, and is an ideal high-efficiency filtration equipment to replace traditional plate and frame filter presses and vane filters.

The main body of the equipment is a horizontal closed pressure vessel, equipped with multiple layers of horizontal filter plates or filter leaves inside. Under pressure, the material enters the cylinder, and the liquid passes through the filter cloth and is discharged through the flow channel, while the solid impurities are trapped on the surface of the filter cloth to form a filter cake. The entire machine completes processes such as filtration, extrusion, washing, drying, and automatic slag discharge in a fully enclosed environment, without leakage, volatilization, or odor emission. It is particularly suitable for toxic, flammable, volatile, and polluting materials.

This machine boasts advantages such as high filtration efficiency, excellent clarification effect, low moisture content in the filter cake, automatic continuous operation, low labor intensity, small footprint, and a clean operating environment. It can be equipped with systems such as filter aid pre-coating, vibrating slag discharge, hydraulic opening and closing, and PLC automatic control according to process requirements, meeting the production needs of high precision, high environmental protection, and high automation. It is a key equipment for modern industry to achieve clean, efficient, and enclosed separation.

适用范围/Applications

本机广泛适用于石油化工、油脂、涂料树脂、食品饮料、医药、环保等行业，主要用于各类液体的脱色、除杂、澄清、提纯等固液分离工艺。特别适合易挥发、有毒、有异味、高粘度物料的密闭过滤，满足环保、无尘、自动化生产要求。

This machine is widely applicable in industries such as petrochemicals, oils and fats, coating resins, food and beverages, pharmaceuticals, and environmental protection. It is primarily used for solid-liquid separation processes such as decolorization, impurity removal, clarification, and purification of various liquids. It is particularly suitable for closed filtration of volatile, toxic, odorous, and high-viscosity materials, meeting the requirements of environmental protection, dust-free, and automated production.

立式硅藻土过滤器/Vertical diatomaceous earth filter



产品信息/Product Overview

立式硅藻土过滤机是以硅藻土为介质，利用硅藻土的细微性和多孔性去除液体里边的悬浮颗粒、胶体等杂质的过滤器装置。采用立式硅藻土过滤器，不易掉土、过滤效果更好、澄清效果明显，占地面积小、移动方便。

The vertical diatomaceous earth filter is a filter device that utilizes diatomaceous earth as the medium, exploiting its fineness and porous nature to remove suspended particles, colloids, and other impurities from liquids. By employing a vertical diatomaceous earth filter, there is less soil loss, better filtration efficiency, and a noticeable clarification effect. Additionally, it occupies a small area and is easy to move.

产品特点/Product Features

- 1、精度高：能有效拦截微小颗粒杂质，对于水中杂质去除率高，可使过滤后的水质达到较高的澄清度。
 - 2、耗材成本低：硅藻土是一种天然矿物质，资源丰富，价格相对较低，作为过滤介质，更换成本不高。
 - 3、自动化程度高：可配备自动化控制系统，实现自动过滤、反冲洗等操作，减少了人工干预，降低了劳动强度。
 - 4、占地面积小：立式结构设计，垂直安装，占用空间小，特别适用于空间有限的场所，如小型水处理厂、游泳池机房等。
 - 5、密封性好：采用先进的密封技术和材料，确保设备在运行过程中不会出现泄漏现象，保证过滤效果和运行安全。
1. High accuracy: It can effectively intercept tiny particulate impurities, achieving a high removal rate of impurities from water, and enabling the filtered water to attain a high degree of clarity.
 2. Low consumable cost: Diatomaceous earth, a natural mineral with abundant resources and relatively low price, serves as a filtering medium with low replacement cost.
 3. High degree of automation: It can be equipped with an automated control system to achieve automatic filtration, backwashing, and other operations, reducing manual intervention and labor intensity.
 4. Small footprint: With a vertical structure design and vertical installation, it occupies little space, making it particularly suitable for places with limited space, such as small water treatment plants, swimming pool machine rooms, etc.
 5. Excellent sealing performance: Advanced sealing technology and materials are employed to ensure no leakage occurs during equipment operation, thereby guaranteeing both filtration efficiency and operational safety.

产品规格/Product specifications

型号 Model	外形尺寸:H*W*D Dimensions	过滤面积(m²) Filtration Area	滤片数量(张) Number of filter sheets (pieces)	阀门口径 valve caliber	理论流量T/H theoretical flow	工作压力Mpa work pressure	配套泵 matching pump	电机功率(KW) Motor Power
PJS-3	1000*300*950	2	20	DN32	1-3	0.3	SHL2-50	0.55
PJS-5	1200*600*1350	3.4	29	DN32	3-5	0.3	SHL4-40	0.75
PJS-10	1200*600*1650	8.9	39	DN40	8-10	0.3	CHL12-40	2.4
PJS-15	1200*600*1800	12.3	59	DN50	12-15	0.3	SDL16-40	3.0
PJS-20	1200*600*2100	15.7	79	DN50	18-20	0.3	SDL20-30	4.0

双效蒸发器/double-effect evaporator



► 产品信息/Product Overview

双效蒸发器是一种萃取浓缩组合型机器,适用于植物、动物、中药、食品添加剂等热敏性物料的萃取、浓缩、膏体收集、渗滤、挥发性油提取、酒精回收等。新工艺技术参数的确定、中间试验、新品种的开发、珍贵药材的提取和药液的浓缩。双效蒸发器比单效蒸发器多了一套加热器和蒸发器,其蒸发效率更高,更节能。

The double-effect evaporator is a combined extraction and concentration machine, suitable for the extraction, concentration, paste collection, percolation, volatile oil extraction, alcohol recovery, etc. of heat-sensitive materials such as plants, animals, traditional Chinese medicine, food additives, etc. It is also used for determining new process technical parameters, conducting intermediate tests, developing new varieties, extracting precious medicinal materials, and concentrating medicinal liquids. Compared to a single-effect evaporator, a double-effect evaporator has an additional heater and evaporator, resulting in higher evaporation efficiency and greater energy savings.

► 适用范围/Applications

双效蒸发器适用于草药、中草药、动物药、食品添加剂等。用水、乙醇、甲醇、丙酮等提取、回收、浓缩有机溶剂。

The double-effect evaporator is suitable for herbs, Chinese herbal medicines, animal drugs, food additives, etc. It is used for extracting, recovering, and concentrating organic solvents such as water, ethanol, methanol, and acetone.



圆盘硅藻土过滤器/Disc diatomaceous earth filter



► 产品信息/Product Overview

该设备结合了干粉投加装置,进水单元,溶液槽,自动液位控制仪四个功能,集自动配料、溶解、投加为一体,将粉末状的絮凝剂溶解成絮凝剂溶液。

This equipment combines four functions: dry powder dosing device, water inlet unit, solution tank, and automatic liquid level controller. It integrates automatic batching, dissolution, and dosing, dissolving powdered flocculant into flocculant solution.

► 适用范围/Applications

食品饮料行业:果酒、葡萄酒、白酒、黄酒、酱油、醋、饮料、果蔬汁、糖浆、蜂蜜等的澄清过滤。

医药行业:抗生素、维生素、合成血浆、中药提取液等的过滤。

化学工业:树脂、无机酸、有机酸、醇、苯、醛、醚等化学制品的过滤。

Food and beverage industry: clarification and filtration of fruit wine, grape wine, Baijiu, yellow wine, soy sauce, vinegar, beverages, fruit and vegetable juice, syrup, honey, etc. Pharmaceutical industry: filtration of antibiotics, vitamins, synthetic plasma, and traditional Chinese medicine extracts. Chemical industry: filtration of chemical products such as resins, inorganic acids, organic acids, alcohols, benzene, aldehydes, ethers, etc.



► 产品特点/Product Features

- 1、过滤精度高:能有效去除微米级的颗粒杂质,使过滤后的液体具有较高的澄清度和纯净度。
 - 2、过滤面积大:多个圆盘状过滤元件叠加在一起,形成了较大的过滤面积,可在单位时间内处理较大流量的液体,提高过滤效率。
 - 3、操作稳定:运行过程中不易出现故障,可在一定的压力和温度范围内稳定工作。
 - 4、循环使用:在过滤过程中,随着杂质的积累,可通过反冲洗等方式对圆盘过滤元件进行清洗,使硅藻土过滤层得以再生,过滤器可重复使用,降低了使用成本。
1. High filtration accuracy: It can effectively remove particulate impurities at the micron level, ensuring that the filtered liquid has high clarity and purity.
 2. Large filtration area: Multiple disc-shaped filter elements are stacked together, forming a large filtration area that can process a large flow of liquid in a unit time, thereby improving filtration efficiency.
 3. Operational stability: It is less prone to malfunctions during operation and can work stably within a certain range of pressure and temperature.
 4. Recycling: During the filtration process, as impurities accumulate, the disc filter elements can be cleaned through methods such as backwashing, allowing the diatomaceous earth filtration layer to be regenerated. The filter can be reused, reducing the cost of use.



不锈钢板框过滤器/ Stainless Steel Plate and Frame Filter

产品特点/Product Features

1. 本机除配用电机外，其它机件均采用304或316L优质耐腐蚀不锈钢材料制成，适用于过滤各种PH值酸碱溶液。
 2. 本机应用加压密闭过滤，滤液损耗少，过滤质量好，效率高。
 3. 过滤部分由十层滤板组成，过滤面积大，流通量大。
 4. 可根据被滤溶液之不同生产工艺（初滤、脱活性炭、除微粒、半精滤、精滤）要求，更换不同滤膜、及根据用户生产流量之大小可适当减少或增加滤板层数，使之适合生产之需要，因此本机具有一机多用适用范围广之特点。
 5. 滤板采用平面螺纹网状形，结构先进，不变形，容易清洗，能有效地增长各种滤膜的使用寿命，从而降低和节约生产成本。
 6. 本机配备之不锈钢输液泵，其配用电机小，耗电省。机座下装有胶轮，操作方便，移动灵活，可供移动使用。（本机同规格，型号：层数，流量比老型号大2T/h-3T/h，本机已生产、型号：TYy-200、TYy-300-TYy-400）
1. Except for the motor, all other parts are made from high-quality corrosion-resistant stainless steel (304 or 316L), which is suitable for filtering acidic and alkaline solutions with a wide range of pH values.
 2. The machine employs pressurized closed filtration, which minimizes filtrate loss, ensures excellent filtration quality, and offers high efficiency.
 3. The filtering unit consists of ten filter plates, offering a large filtration area and a high capacity for filtration.
 4. Depending on the different production processes of the filtered solution (e.g., pre-filtration, activated carbon removal, particulate removal, semi-fine filtration, fine filtration), the filter can be equipped with various filter membranes. The number of filter plates can also be adjusted according to the required flow rate, making the machine flexible and suitable for a wide range of applications.
 5. The filter plates feature a flat, threaded mesh design, which is advanced, non-deforming, and easy to clean. This design significantly extends the lifespan of the filter membranes and reduces production costs over time.
 6. The machine is equipped with a stainless steel liquid pump, which uses a small motor for lower power consumption. It features rubber wheels at the bottom for easy operation and mobility, making it suitable for portable use. (For the same specifications, model, layer count, and flow rate, this machine increases capacity by 2-3 T/h compared to older versions. Available models include TYy-200, TYy-300, and TYy-400.)

产品优势/Product Advantages

1. 本机应用于制药、食品、饮料、水处理、酿造、石油、化工、防腐蚀、环保等行业，是各类液体进行过滤、澄清、提纯、除菌处理的新设备。
 2. 采用凸点式滤板，增大了导水截面积，减少了液体过滤，流通阻力，使液体任意流向不当死角，保持液体诸性能的稳定；凸点式滤板使滤材（滤膜、滤纸等）不易破损，延长了各种滤材的使用寿命。
 3. 所有密封部位全部安装了（乳白色硅橡胶密封圈，无毒耐高温）无渗漏，即在滤框的正反面，进出口 双折式卡环等密封部位都安装了圆形密封圈。
1. This machine is widely used in industries such as pharmaceuticals, food and beverages, water treatment, brewing, petroleum, chemicals, corrosion prevention, and environmental protection. It is a new device for filtering, clarifying, purifying, and sterilizing various liquids.
 2. With its protruding-point filter plate, this machine increases the water flow area, reduces filtration resistance, and avoids the creation of dead zones, which helps maintain the stability of liquid properties. The design also minimizes the risk of damage to filter materials (such as membranes and filter papers), extending their service life.
 3. All sealing areas are fitted with white silicone rubber sealing rings (non-toxic and heat-resistant) to prevent any leakage. These rings are installed in vital parts, including the front and back of the filter frame, the inlet and outlet, as well as the double-folded locking rings.

应用范围 Application Range

在制药、化工、食品等行业有广泛用途，应用在制药厂针剂药液之过滤，效果甚佳。
The machine is widely used in the pharmaceutical, chemical, and food industries, and is highly effective in filtering injectable drug solutions in pharmaceutical factories.



产品规格/Product specifications

型号规格 (mm)	层数 No. of Layers	过滤面积(m ²) Filtration Area	滤膜孔径 (μm) Filter Pore Size	过滤压力 (Mpa) Filtration Pressure	水流量 (T/h) Water Flow Rate	电机功率 (Kw) Motor Power	外形尺寸 (mm) Dimensions	进口 (mm) Inlet	出口 (mm) Outlet
LY Φ100	10	0.078	0.8	0.15	0.8	0.55	600x300x600	15	15
LY Φ150	10	0.170	0.8	0.15	1.5	0.55	650x380x650	20	15
LY Φ200	10	0.314	0.8	0.15	2.0	0.55	650x400x700	20	15
LY Φ300	10	0.7	0.8	0.2	4.0	1.10	700x500x800	25	20
LY Φ400	10	1.25	0.8	0.2	6.0	1.10	900x600x1000	38	25
LY Φ400	16	2.0	0.8	0.3	9.0	1.50	1000x600x1000	38	25
LY Φ400	20	2.5	0.8	0.3	10	1.50	1100x600x1000	38	25
LY Φ400	24	3.0	0.8	0.3	12	2.20	1200x600x1000	38	25
LY Φ400	32	4.0	0.8	0.3	14	2.20	1320x600x1000	45	25

注：尺寸如有偏差，以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.

层叠过滤器/Stacked Filter

产品信息/Product Overview

不锈钢层叠式过滤器是一种新型层叠式板框体过滤器，采用316L和304优质不锈钢材料制造而成，也可用耐腐蚀PP材料制造。此过滤器工艺制作精良，性能安全稳定，抗腐蚀，经久耐用，结构新颖，操作简便，是一款适应性广的多用途过滤设备。

The Stainless Steel Stacked Filter is a new model of stacked plate-frame filter, made from premium 316L and 304 stainless steel, or optionally from corrosion-resistant PP material. This filter features excellent craftsmanship, stable and reliable performance, corrosion resistance, and long-lasting durability. With its innovative design and user-friendly operation, it is a versatile and widely applicable filtration device.

产品特点/Product Features

- 大流量处理能力，缩短过滤周期。
- 网板孔小且均匀，可保证每层过滤网板上的滤材压力均匀。
- 可根据用户要求选用合适的滤材，如聚丙烯滤膜、增强型滤膜、滤纸、滤布、专用脱碳过滤膜等。
- 占地空间小，过滤面积大，耐压性好。
- 过滤快、流量大、过滤效果高。
- 过滤器结构设计合理，便于拆卸、组装和维护。
- 最多可一次性存放3-300kg的活性炭，平放活性炭可确保桶内充分存放，解决了处理活性炭的难题。
- Large flow capacity for shorter filtration cycles.
- Small, uniform mesh holes ensure even pressure on the filter material.
- Customizable filter materials, including polypropylene membranes, reinforced membranes, filter papers, filter cloths, and decarbonizing membranes.
- Compact design with a large filtration area and high pressure resistance.
- Fast filtration with high flow rates and excellent filtration efficiency.
- Easy to assemble, disassemble, and maintain due to the smart filter structure.
- Stores 3-300kg of activated carbon at once, ensuring full usage of space for better carbon handling.

应用范围 Application Range

- 电子元器件加工厂 • 葡萄酒、啤酒厂 • 石油、汽车厂 • 食品、饮料厂 • 精细化工厂 • 制药厂
- Electronics manufacturing plants • Wineries and breweries
- Petroleum and automotive manufacturing • Food and beverage production
- Fine chemicals industries • Pharmaceutical plants

产品规格/Product specifications

型号 Model	层数 No. of Layers	过滤面积(m²) Filtration Area	滤材尺寸 Filter Material Size	滤材微孔滤膜(微米) Filter Membrane Pore Size	过滤压力(Mpa) Filtration Pressure	流量(t/h) Flow Rate	存活性碳(kg) Activated Carbon Storage	电机功率(KW) Motor Power
LF-Ø300	5	0.7	Ø310	0.22-3	0.2-0.6	4	3	0.75
LF-Ø300	10	1.4	Ø310	0.22-3	0.2-0.6	8	6	1.1
LF-Ø300	15	2.1	Ø310	0.22-3	0.2-0.6	12	9	1.5
LF-Ø300	20	2.8	Ø310	0.22-3	0.2-0.6	16	12	2.2
LF-Ø400	10	2.5	Ø410	0.22-3	0.2-0.6	14	15	2.2
LF-Ø400	15	3.75	Ø410	0.22-3	0.2-0.6	21	20	2.2
LF-Ø400	20	5	Ø410	0.22-3	0.2-0.6	28	30	3
LF-Ø500	10	3.9	Ø510	0.22-3	0.2-0.6	25	35	3
LF-Ø500	20	7.8	Ø510	0.22-3	0.2-0.6	50	70	3
LF-Ø550	10	4.75	Ø560	0.22-3	0.2-0.6	35	40	4
LF-Ø550	20	9.5	Ø560	0.22-3	0.2-0.6	70	80	4
LF-Ø600	10	5.65	Ø610	0.22-3	0.2-0.6	60	100	4
LF-Ø600	15	8.47	Ø610	0.22-3	0.2-0.6	90	150	4
LF-Ø600	20	11.3	Ø610	0.22-3	0.2-0.6	120	200	4
LF-Ø800	10	10	Ø810	0.22-3	0.2-0.6	100	150	4
LF-Ø800	20	20	Ø810	0.22-3	0.2-0.6	200	300	4

注：尺寸如有偏差，以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.



PLATE-TYPE CLOSED FILTER SERIES



程控自动压滤机/Programmable Automatic Filter Press



► 产品信息/Product Overview

程控自动压滤机是过滤设备的一种,可实现全程通过编程利用电脑全自动控制整个压滤过程。程控自动压滤机,是在压滤机的基础上,根据用户对压滤机设备自动化程度的不同要求,选择增加自动拉板系统,曲张臂辅助卸渣系统,单杆水冲洗系统,翻板接液系统,PLC控制系统等辅助配套设施,以降低工人劳动强度,提高生产效率。

A Programmable Automatic Filter Press is a filtration device that utilizes computer-controlled automation throughout the entire filtration process. Built upon a conventional filter press, this version is designed to meet various levels of automation requirements. Optional auxiliary systems include an automatic plate shifting system, a cantilever arm discharge system, a single-rod water flushing system, a flip plate collection system, and a PLC control system. These systems reduce manual labor and enhance operational efficiency.

■ 产品参数/Product Parameters

滤板厚度:	规格定制
滤饼厚度:	多种型号
滤室数量:	30
处理能力:	强
适用对象:	多种
外形尺寸:	不同型号尺寸不同
性能:	高效过滤,精密过滤
样式:	其它
滤料类型:	其他
自动化程度:	程控自动
Filter Plate Thickness:	Customizable specifications
Cake Thickness:	Available in multiple models
Number of Filter Chambers:	30
Processing Capacity:	High
Applicable to:	Multiple types
Dimensions:	Varies by model
Performance:	Efficient and precise filtration
Style:	Other
Filter Material Type:	Other
Automation Level:	Programmable automatic

► 产品特点/Product Features

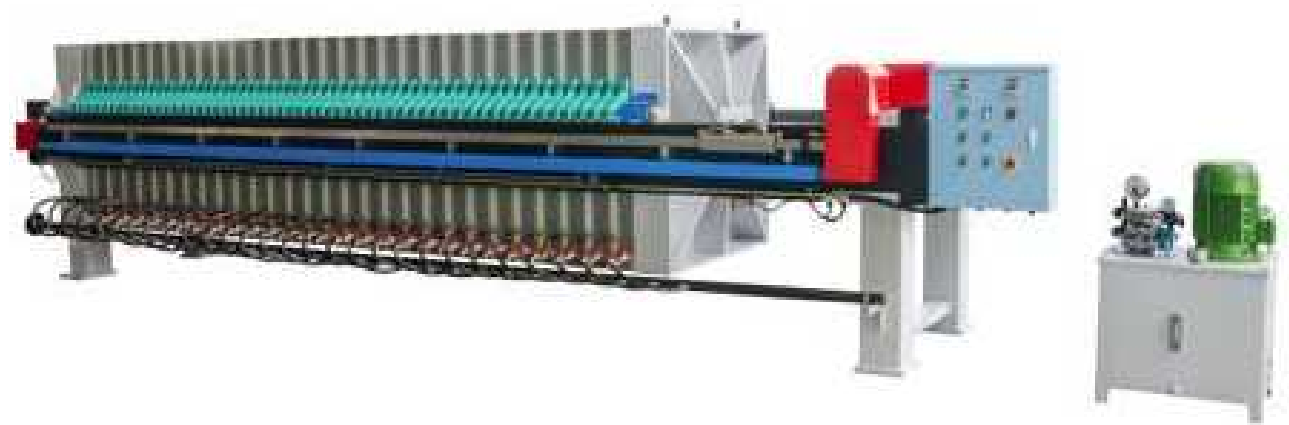
- 1、能够实现滤板压紧、过滤、压榨、反吹、洗涤、滤板松开、卸料等道工序的自动化控制;该机型配置了隔膜板,过滤后通过水压或气压改变滤室容积,对滤饼进行压榨,进一步降低滤饼含水量。滤板为增强聚丙烯模压而成,隔膜板为增强聚丙烯模压热合而成,具有国际水平。
 - 2、电气元件和液压元件均采用名牌厂家产品,使用寿命长,因此节能高效滤榨机是理想的过滤设备。
 - 3、采用机、电、液一体化设计制造,充分利用长油缸行程一次拉多块板,比普通型大大缩短卸料时间;由于拉板电机采用变频电机,拉板卸料耗时又短,所以比普通型更加节能。
1. This machine automates the entire process: filter plate pressing, filtration, squeezing, backwashing, washing, plate release, and discharge. It comes with a diaphragm plate, which utilizes water or air pressure to adjust the filter chamber's volume post-filtration, squeezing the filter cake to reduce moisture content. The filter plates are made of reinforced polypropylene, and the diaphragm plates are made from reinforced polypropylene and heat-sealed, meeting global standards.
2. Both the electrical and hydraulic components are from reputable manufacturers, ensuring a long lifespan. This energy-efficient, high-performance filter press is the ideal filtration equipment.
3. With a fully integrated design combining mechanical, electrical, and hydraulic systems, this machine takes advantage of the extended stroke of the oil cylinder, enabling the simultaneous pulling of multiple plates. This significantly reduces discharge time compared to the standard model. The variable frequency motor for the plate shifting system also speeds up the unloading process, making it more energy-efficient than traditional models.

► 适用范围/Applications

适用于化工、冶金、制药、轻工、煤炭、食品、纺织、环保、能源等行业固液分离过程。

Ideal for solid-liquid separation processes in industries including chemicals, metallurgy, pharmaceuticals, light industry, coal, food, textiles, environmental protection, and energy.

程控自动高压聚丙烯隔膜压滤机
Programmable Automatic High-Pressure Polypropylene Diaphragm Filter Press



► 产品信息/Product Overview

程控自动高压聚丙烯隔膜压滤机是采用高压聚丙烯作为隔膜材质的自动压滤机,隔膜压滤机与普通厢式压滤机的主要不同之处就是在膜板的两侧加装了两块弹性膜,运行过程中,可将高压流体介质注入隔膜板中。当滤饼填满整个过滤腔时,设备停止过滤,然后向滤板中填充膨胀物(如水或气),这时整张隔膜就会鼓起,使压力作用于滤饼,随着压力的不断增大,将滤饼中能够穿过滤布的液体压出,从而实现滤饼的二次脱水,使得滤饼的含水率更低。

The Programmable Automatic High-Pressure Polypropylene Diaphragm Filter Press utilizes high-pressure polypropylene as the diaphragm material. Unlike traditional chamber filter presses, this machine features two elastic membranes installed on both sides of the diaphragm plate. During operation, a high-pressure fluid is injected into the diaphragm plate. When the filter cake completely fills the filtration chamber, the filtration process stops. Next, an expanding medium, such as water or air, is injected into the diaphragm plate, causing it to inflate. This inflating diaphragm applies pressure to the filter cake, and as the pressure builds up, the liquid that can pass through the filter cloth is pushed out. This process allows for secondary dewatering, significantly lowering the moisture content of the filter cake.

► 适用范围/Applications

洗煤、无机盐、酒精、化工、冶金、制药、轻工、煤炭、食品、纺织、环保、能源等行业固液分离过程。

Ideal for solid-liquid separation in various industries including coal washing, inorganic salts, alcohol, chemicals, metallurgy, pharmaceuticals, light industry, coal, food, textiles, environmental protection, and energy.

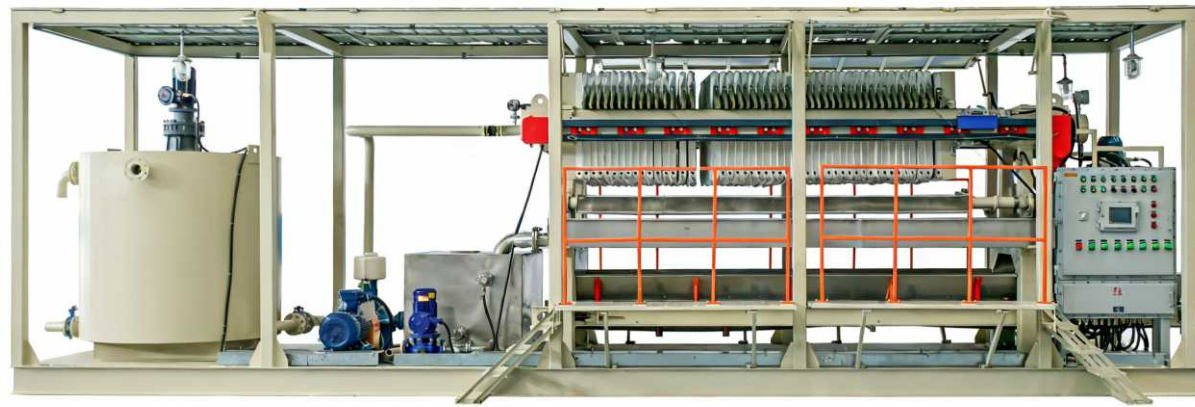
■ 产品规格/Product specifications

型号 Model	过滤面积(m²) Filtration Area	板外尺寸 OuterPlate Size(mm)	滤板厚度 Plate Thickness (mm)	滤饼厚度 CakeThickness (mm)	滤板数 Number of Filter Plate(块)	隔膜滤板数 Number of Mem braneFilter Plate(块)	滤室容积 ChamberVolume(L)	长x宽x高(mm) LxWxH	重量 Weight
X _M ^A ZG20/800-U _B ^K	20	800×800	60/70	30	9	10	313	3420x1350x1250	3.2
X _M ^A ZG25/800-U _B ^K	25				12	13	407	3800x1350x1250	3.4
X _M ^A ZG30/800-U _B ^K	30				14	15	470	4080x1350x1250	3.9
X _M ^A ZG40/800-U _B ^K	40				19	20	626	4730x1350x1250	4.5
X _M ^A ZG50/800-U _B ^K	50				24	25	798	5400x1350x1250	4.8
X _M ^A ZG60/800-U _B ^K	60				29	30	955	6060x1350x1250	5.3
X _M ^A ZG70/800-U _B ^K	70				34	35	1111	6720x1350x1250	5.7

滤板可选用密封型高压聚丙烯隔膜滤板/The filter plates are available with sealed high-pressure polypropylene diaphragm plates.

注:尺寸如有偏差,以实际图纸为准/Note: Please refer to the actual drawings for any discrepancies in dimensions.

撬块式压滤机/Skid-mounted filter press



产品信息/Product Overview

撬块式压滤机是一种集成化的过滤设备，它将压滤机及其配套组件安装在一个共同的底座上，形成一个完整的过滤系统。是可以整体安装、移动的一种集成方式，设备的移动、就位，使用撬杠或起重机就可方便地进行。其核心结构包括机架、滤板、液压系统等，机架采用工字型钢材焊接的撬装底座，确保设备稳定性和抗下沉能力，同时集成化的设计减少了现场安装工作量，仅需连接外部管道和电气即可运行。

The skid-mounted filter press is an integrated filtration device that mounts the filter press and its supporting components on a common base, forming a complete filtration system. It is an integrated approach that allows for overall installation and movement, and the equipment can be easily moved and positioned using a skid or crane. Its core structure includes a frame, filter plates, hydraulic system, etc. The frame adopts a skid-mounted base welded with I-beam steel to ensure equipment stability and anti-sinking capability. At the same time, the integrated design reduces the on-site installation workload, requiring only the connection of external pipelines and electrical components for operation.

产品特点/Product Features

1. 模块化设计，便于整体迁移和快速安装，大幅减少现场施工时间；
 2. 结构紧凑，占地面积较传统设备更小；
 3. 工厂预装保障设备稳定性，降低后期维护难度；
 4. 支持移动式作业，灵活适应不同场地需求，同时降低运行成本。
1. Modular design facilitates overall migration and quick installation, significantly reducing on-site construction time;
2. Compact structure, occupying a smaller area compared to traditional equipment;
3. Factory pre-installation ensures equipment stability and reduces the difficulty of later maintenance;
4. Support mobile operations, flexibly adapt to different site requirements, and reduce operating costs.



适用范围/Applications

广泛应用于石油化工、建筑工程、冶金、制药、污水处理等行业。在石油钻井、压裂返排液处理、印染污泥脱水等场景中表现突出，尤其适合分散作业点或需频繁迁移的工况，例如工地泥浆处理、高含硫气田污泥处置等。It is widely used in petrochemical, construction, metallurgy, pharmaceutical, wastewater treatment, and other industries. It excels in scenarios such as oil drilling, fracturing flowback fluid treatment, and printing and dyeing sludge dewatering. It is particularly suitable for scattered operation sites or conditions requiring frequent relocation, such as site mud treatment and high sulfur gas field sludge disposal.

车载式压滤机/Vehicle-mounted filter press



产品信息/Product Overview

车载式压滤机是一种可安装在车辆上便于移动作业的压滤设备，可以在不同地点进行移动和操作。这种设计使得车载式压滤机非常适合在野外、交通不便或短期使用的场合中使用，因为它不仅能够提供高效的固液分离功能，还能灵活地适应不同的工作环境。

The vehicle-mounted filter press is a type of filter press equipment that can be installed on vehicles for mobile operations, allowing for movement and operation at different locations. This design makes the vehicle-mounted filter press highly suitable for use in the wild, in areas with poor transportation, or for short-term use, as it not only provides efficient solid-liquid separation but also flexibly adapts to different working environments.

产品特点/Product Features

- 1、移动性强：可以随车辆移动，适应不同地点的需求。
 - 2、节省人力物力：自动化程度高，减少了人工操作和转移滤饼的需求。
 - 3、提高效率：通过皮带运输机等辅助设备，加快了过滤和转移过程。
 - 4、环境保护：减少了废弃物的排放，有助于环境保护。
1. High mobility: It can move with vehicles and adapt to the needs of different locations.
2. Save manpower and material resources: High automation reduces the need for manual operation and transfer of filter cakes.
3. Improved efficiency: The filtration and transfer processes have been accelerated through the use of auxiliary equipment such as belt conveyors.
4. Environmental protection: Reducing waste emissions contributes to environmental protection.

适用范围/Applications

车载式压滤机适用于环境污染污水应急处理等工程施工过程中产生的废浆或污水的现场脱水，也适用于高压喷射喷涂施工或钻孔桩等一些施工现场。可应用于砂浆泥浆脱水、洗煤脱水、油田钻探、隧道开挖、采矿、污水、建筑施工等领域。

The vehicle-mounted filter press is suitable for on-site dewatering of waste slurry or sewage generated during construction processes such as emergency treatment of environmentally polluted sewage. It is also applicable to some construction sites, such as high-pressure jet spraying or bored piling. It can be applied in various fields such as mortar and slurry dewatering, coal washing and dewatering, oilfield drilling, tunnel excavation, mining, sewage treatment, and construction.

工作原理Working Principle

在工作时，车载式压滤机将待处理的液体或悬浮物通过进料泵送入压滤机内，通过施加压力使液体通过滤布，而固体颗粒则被截留在过滤布上，形成滤饼。随后，滤饼可以通过输送系统被自动转移到运输车辆上，完成整个过滤和固液分离的过程。During operation, the truck-mounted filter press sends the liquid or suspended solids to be processed into the filter press through a feed pump. By applying pressure, the liquid passes through the filter cloth, while the solid particles are retained on the filter cloth, forming a filter cake. Subsequently, the filter cake can be automatically transferred to a transport vehicle through a conveying system, completing the entire filtration and solid-liquid separation process.



带式转鼓浓缩脱水机/Rotary Drum Belt Dewatering Machine



产品信息/Product Overview

带式转鼓浓缩脱水机是一种用于处理污泥的设备，它结合了浓缩和脱水两个过程，通过滤布或滤网对污泥进行连续处理，可以用于自来水厂、城市污水处理厂、纺织、畜牧、垃圾填埋场等工业污水处理中的污泥脱水。

The belt drum thickening and dewatering machine is a device used for sludge treatment, which combines the two processes of thickening and dewatering. It continuously processes sludge through a filter cloth or screen, and can be applied to sludge dewatering in industrial wastewater treatment, such as waterworks, urban wastewater treatment plants, textile, livestock, and landfill sites.

工作原理Working Principle

1. 污泥在进入转鼓浓缩带式脱水一体化设备之前，通过絮凝剂制备投加系统将高分子絮凝剂打入混合反应槽中；
 2. 在混合反应槽中，污泥与高分子絮凝剂经搅拌充分混合，污泥由微细颗粒迅速凝聚成大颗粒，并形成网状结构的大团絮凝体，然后进入缓慢旋转的预脱水转鼓中。在污泥被特殊装置运输到转鼓末端的过程中，大部分游离水通过滤布得以释放，达到浓缩效果，出水由过滤槽收集而与固体污泥分离；
 3. 经过预脱水的污泥由斜板滑到带式压滤机的上部滤带上，然后传输到下部滤带。在上、下滤带之间，由于逐步增压和剪切力的作用使污泥进一步脱水后排出；
 4. 污泥的产量和干度可由变速装置控制，清洗用水量可由液位控制系统调节。
1. Before the sludge enters the rotary drum thickening and belt dewatering integrated equipment, a high molecular flocculant is injected into the mixing reaction tank through the flocculant preparation and dosing system;
 2. In the mixed reaction tank, the sludge and polymeric flocculant are fully mixed through stirring. The sludge rapidly coagulates from fine particles into larger ones, forming a large flocculated body with a reticular structure. Then, it enters the slowly rotating pre-dewatering drum. During the transportation of the sludge to the end of the drum by a special device, most of the free water is released through the filter cloth, achieving concentration. The effluent is collected by the filter tank and separated from the solid sludge;
 3. The pre-dewatered sludge slides from the inclined plate onto the upper filter belt of the belt filter press, and then is transferred to the lower filter belt. Between the upper and lower filter belts, the sludge undergoes further dewatering due to the gradual increase in pressure and shear force, and is then discharged;
 4. The output and dryness of sludge can be controlled by a variable speed device, and the amount of cleaning water can be adjusted by a liquid level control system.

反渗透设备/reverse osmosis equipment



产品信息/Product Overview

反渗透设备是利用半透膜的原理对水进行净化处理的设备。其核心是反渗透膜，在压力作用下，只允许水通过，而杂质、盐分等被截留，以此实现水的净化。该设备一般由预处理、反渗透、后处理和控制系统组成。预处理去除大颗粒等杂质保护膜元件；反渗透系统通过高压泵和膜组件实现水的净化；后处理进一步杀菌和除杂；控制系统监测压力、流量等参数，保证设备稳定运行。它具有脱盐率高、水质稳定、自动化程度高、适应性强、运行成本低等优点，广泛应用于电子、化工、医疗、食品饮料、海水淡化、家庭等众多领域，为各行业提供高质量的用水。

A reverse osmosis device is a device that utilizes the principle of semipermeable membranes to purify water. Its core component is the reverse osmosis membrane, which, under pressure, allows only water to pass through while impurities, salts, and the like are retained, thus achieving water purification. The equipment typically consists of pretreatment, reverse osmosis, post-treatment, and a control system. Pretreatment removes large particles and other impurities to protect the membrane components; the reverse osmosis system purifies water through a high-pressure pump and membrane modules; post-treatment further sterilizes and removes impurities; and the control system monitors parameters such as pressure and flow to ensure stable operation of the equipment. It has advantages such as high desalination rate, stable water quality, high automation level, strong adaptability, and low operating costs. It is widely used in various fields such as electronics, chemical industry, medical care, food and beverage, seawater desalination, and household, providing high-quality water for various industries.

工作原理Working Principle

反渗透技术是利用半透膜的原理，在高于溶液渗透压的作用下，依据其他物质不能透过半透膜而将这些物质和水分离开来。当把相同体积的稀溶液和浓溶液分别置于半透膜的两侧时，稀溶液中的溶剂会自然穿过半透膜而自发地向浓溶液一侧流动，这一现象称为渗透。当向浓溶液一侧施加一个大于渗透压的压力时，溶剂的流动方向就会逆转，从浓溶液一侧流向稀溶液一侧，从而实现溶质和溶剂的分离，这就是反渗透的原理。

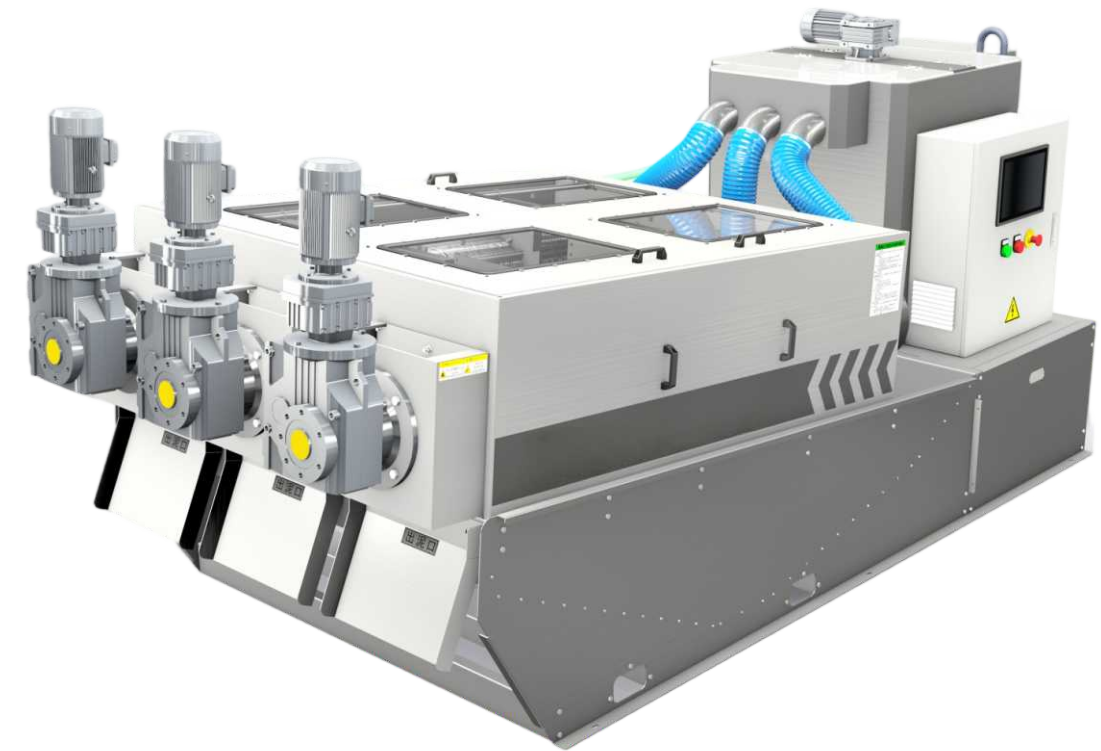
Reverse osmosis technology utilizes the principle of semipermeable membranes. Under the influence of a pressure higher than the osmotic pressure of the solution, it separates these substances from water based on the inability of other substances to pass through the semipermeable membrane. When dilute and concentrated solutions of the same volume are placed on both sides of the semipermeable membrane, the solvent in the dilute solution will naturally pass through the semipermeable membrane and spontaneously flow towards the concentrated solution side. This phenomenon is called osmosis. When a pressure greater than the osmotic pressure is applied to the concentrated solution side, the flow direction of the solvent will reverse, flowing from the concentrated solution side to the dilute solution side, thus achieving the separation of solute and solvent. This is the principle of reverse osmosis.

适用范围/Applications

反渗透纯水设备用于制药行业生产注射用水等，电子工业提供高纯度工艺用水，食品饮料行业生产饮用水、饮料用水，医疗行业用于血液透析、制剂制备，化工行业原料制备与产品清洗，还用于海水淡化、电力行业锅炉补给水处理、实验室分析、美容行业护肤品生产等。

Reverse osmosis pure water equipment is used in the pharmaceutical industry for the production of injection water, in the electronics industry for the provision of high-purity process water, in the food and beverage industry for the production of drinking water and beverage water, in the medical industry for hemodialysis and preparation of preparations, in the chemical industry for raw material preparation and product cleaning, and also for seawater desalination, boiler makeup water treatment in the power industry, laboratory analysis, and the production of skin care products in the beauty industry.

叠螺式污泥脱水机/Stacked spiralsludgedehydrator

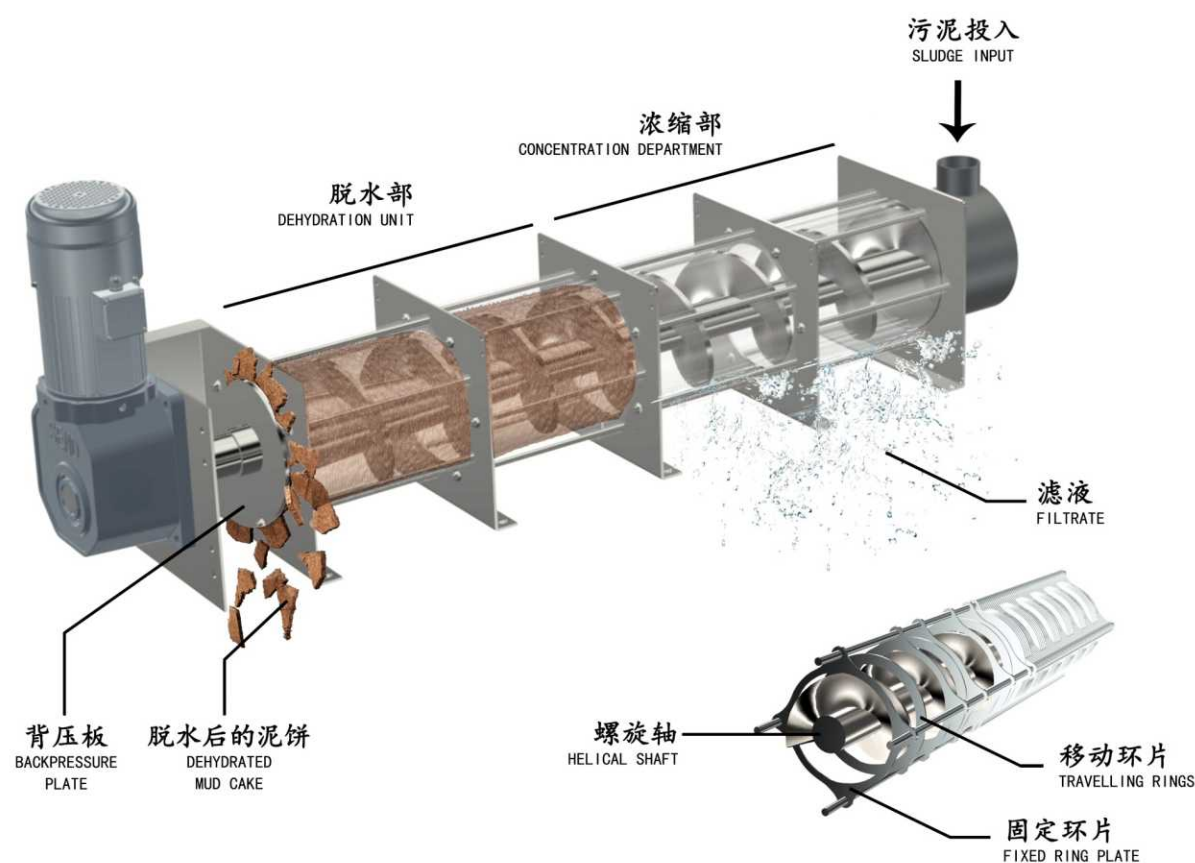


产品特点/Product Features

- 1、叠螺机适用于高、低浓度污泥的脱水。进行低浓度(2000mg/L)污泥的脱水时，无需建设浓缩池、贮存池，降低建设成本，减少磷的释放和厌氧臭气的产生。
- 2、不堵塞，减少冲洗用水量，节省水费，减少清洗用水回流造成的内循环负担。
- 3、电控柜、絮凝混合槽和脱水主体一体化，减少占地面积，安装起来简单方便。
- 4、脱水机基本处于封闭作业，且处理稳定、及时，使现场臭气减少到很低，改进工人的工作环境。
- 5、实现全自动24小时运行，减少操作工人的劳动强度。
- 6、螺旋轴运转速度低，一分钟为2-3转，耗电低，现场基本没有振动和噪音。
- 7、机体几乎全部采用不锈钢材质，能够很大限度延长使用寿命。更换部件只有螺旋轴和游动环，使用周期长。
- 8、日常维护时间短，维护作业简单。

1. The stack screw machine is suitable for dewatering high and low concentration sludge. When dewatering low concentration (2000mg/L) sludge, there is no need to construct a concentration tank or storage tank. Low construction cost, reduced phosphorus release, and minimized production of anaerobic odor.
2. It prevents blockage, reduces water consumption for flushing, saves water costs, and mitigates the burden of internal circulation caused by backflow of cleaning water.
3. The electric control cabinet, flocculation mixing tank, and dewatering unit are integrated, reducing the occupied area and making installation simple and convenient.
4. The dehydrator operates in a mostly enclosed environment, ensuring stable and timely treatment, which significantly reduces on-site odor and improves the working environment for workers.
5. Realize fully automated 24-hour operation to reduce the labor intensity of operating workers.
6. The spiral shaft operates at a low speed, rotating 2-3 times per minute, consuming little electricity, and producing virtually no vibration or noise on site.
7. The machine body is almost entirely made of stainless steel, which can significantly extend its service life. The only replaceable parts are the screw shaft and the traveling ring, ensuring a long service cycle.
8. The routine maintenance time is short and the maintenance tasks are simple.

叠螺式污泥脱水机/Stacked spirals sludge dehydrator

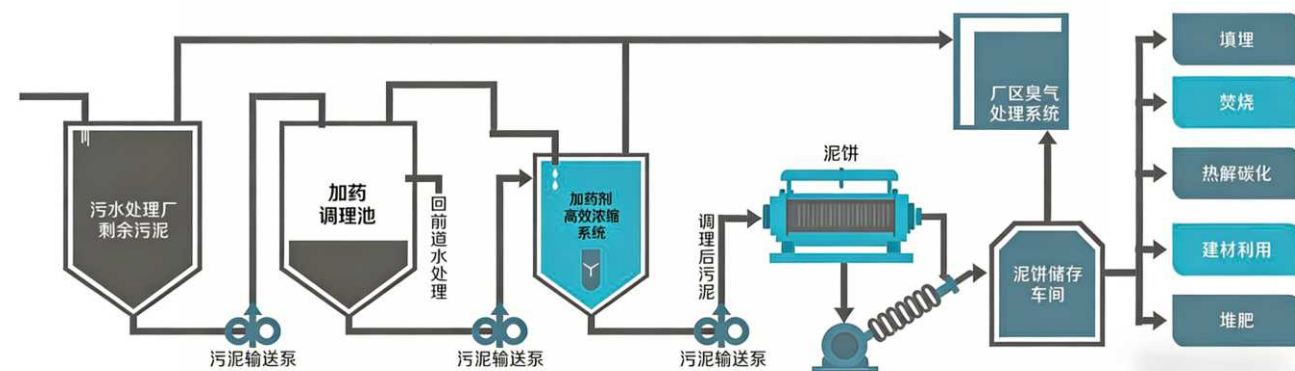


► 工作原理/Working Principle

设备运行时，污泥从进料口进入滤筒后受到螺旋轴旋片的推送而向卸料口移动，由于螺旋轴旋片之间的螺距逐渐缩小，因此污泥所受的压力也随之不断增大，并在压差作用下开始脱水，水份从固定环与活动环片过滤间隙流出，同时设备依靠固定板和活动板之间的自清洗功能，清扫过滤间隙防止堵塞，泥饼经过充分的脱水后在螺旋轴的推进作用下从卸料口排出。根据污泥性质不同本公司已研发出针对性机器，结构上更加实用，使用成本更低。

When the equipment is operating, sludge enters the filter cylinder through the feed inlet and is pushed by the spiral shaft blades towards the discharge outlet. Due to the gradually decreasing pitch between the spiral shaft blades, the pressure on the sludge increases continuously, and under the action of pressure difference, dehydration begins. Water flows out from the filtration gap between the fixed ring and the movable ring blades. At the same time, the equipment relies on the self-cleaning function between the fixed plate and the movable plate to clean the filtration gap and prevent blockage. After sufficient dehydration, the mud cake is discharged from the discharge outlet under the propulsion of the spiral shaft. According to different sludge properties, our company has developed targeted machines with more practical structures and lower usage costs.

► 污泥处理工艺流程Sludge treatment process flow



叠螺式污泥脱水机/Stacked spirals sludge dehydrator

► 计量槽/measuring tank

污泥通过污泥输送泵被输送到计量槽内，多余的部分从回流管回流至污泥贮存池。

The sludge is transported to the metering tank via the sludge transfer pump, and the excess part flows back to the sludge storage tank through the return pipe.

► 出泥口/浓缩污泥排出口/Sludge outlet/concentrated sludge discharge outlet

设置在出口的背压板产生反方向的阻挡力，从而使本体腔内的压力进一步升高使污泥更加充分脱水，以泥饼形式从出泥口排出。“污泥浓缩机经出泥口排出的是浓缩污泥”污泥浓缩机的出泥口例不设置背压板。

The back pressure plate set at the outlet generates a blocking force in the opposite direction, thereby further increasing the pressure within the main body cavity and causing contamination. The sludge is more fully dehydrated and discharged from the sludge outlet in the form of a sludge cake. "The sludge thickener discharges concentrated sludge through the sludge outlet." The outlet of the "mud" sludge thickener is not equipped with a back pressure plate.

► 絮凝混合槽/flocculation mixing tank

通过计量后的污泥在絮凝混合槽内与注入的高分子絮凝剂充分搅拌混合，形成良好的矾花。

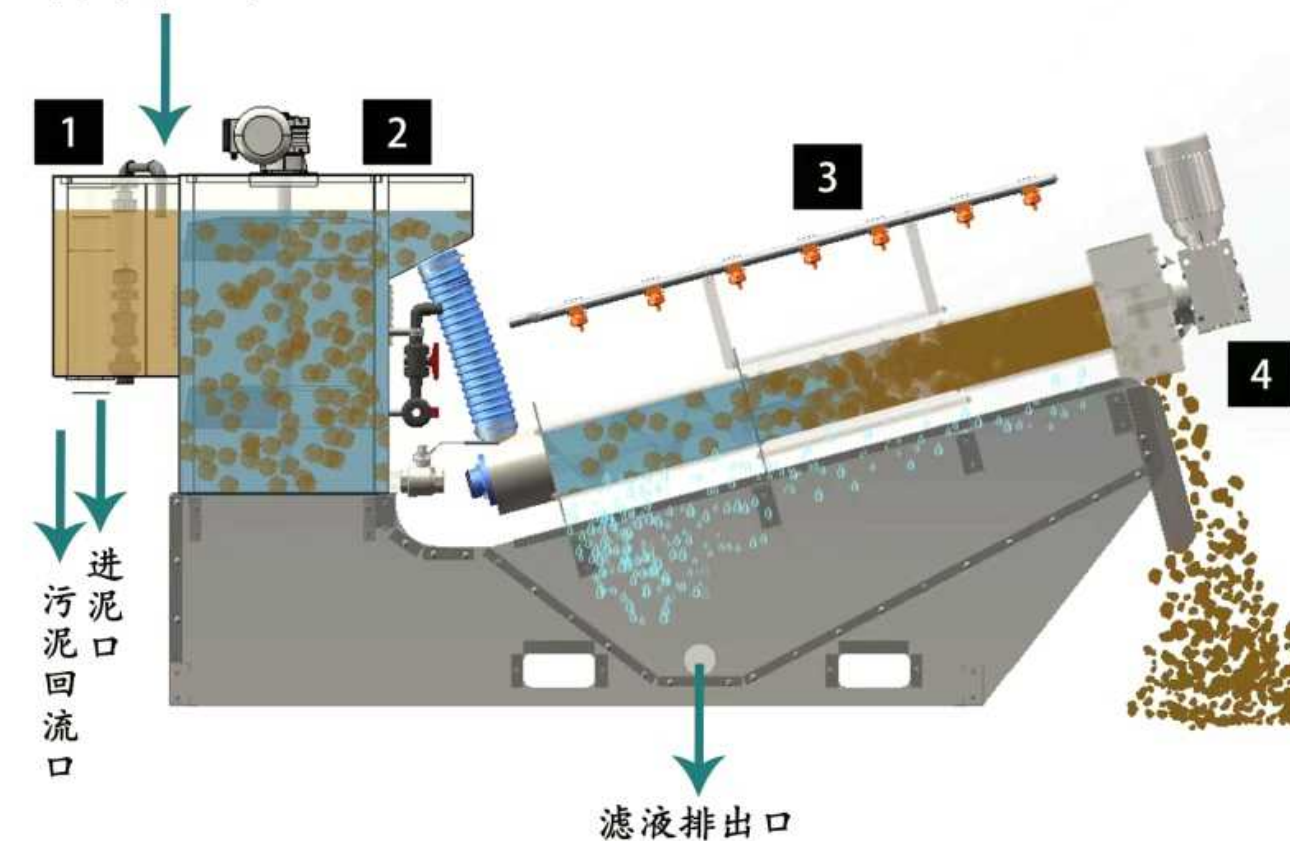
After metering, the sludge is thoroughly stirred and mixed with the injected polymeric flocculant in the flocculation mixing tank, forming good alum flocs.

► 脱水本体/dehydrated body

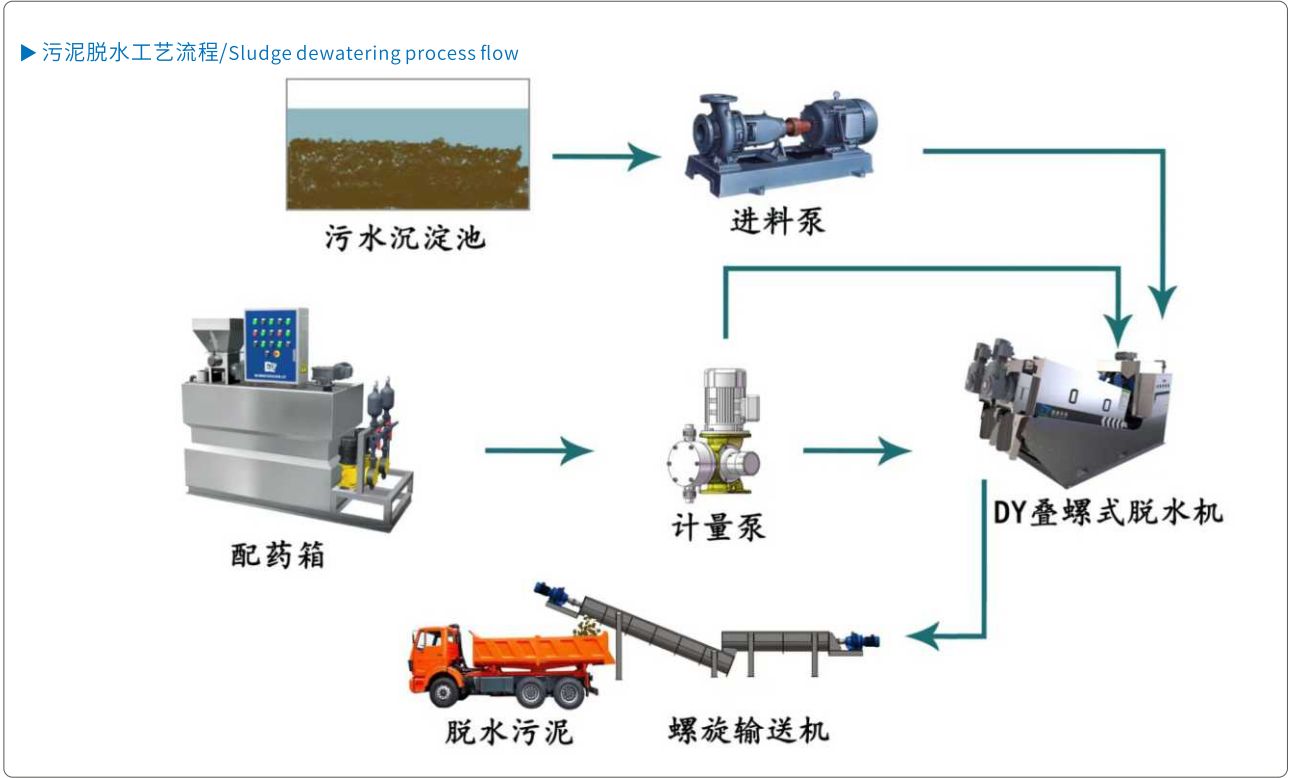
污泥通过进泥口进入脱水主体后，在前段的浓缩部顺势发生重力浓缩，大部分液体排除，在脱水部由于内腔压力的持续升高被充分脱水。“污泥浓缩机的脱水本体不包含脱水部”。

After entering the dewatering main body through the sludge inlet, the sludge undergoes gravity concentration in the preceding concentration section, where most of the liquid is separated. Excluding, the dewatering section is fully dewatered due to the continuous increase in internal chamber pressure. "The dewatering body of the sludge dewatering machine does not include dehydration section."

高分子絮凝剂注入



叠螺式污泥脱水机/Stackedspiralsludgedehydrator



■ 产品规格/Product specifications

型号 Model	外观尺寸 Overall Dimensions			总功率total power (kW)	重量Weight (kg)	
	L	W	H		空载no-load	运行run
DYDL-101	2200	800	1300	0.74	178	245
DYDL131	2400	800	1300	0.74	205	300
DYDL132	2600	1100	1300	.11	305	450
DYDL201	2900	800	1500	1.1	250	390
DYDL202	300D	1100	1500	2.05	450	650
DYDLZ51	290D	800	500	.3	430	680
DYDL252	3000	1100	1500	2.2	800	1200
DYDL301	3300	900	1720	1.65	700	1230
DYDL302	3500	1200	1720	2.2	300	2050
DYDL303	3500	1600	1700	4.4	1750	3100
DYDL351	365D	900	1800	1.65	850	2030
DYDL352	3650	300	1800	22	1600	3450
DYDL353	3900	800	2000	2.6	2200	4100
DYDL401	4300	1100	1900	2.2	1350	500
DYDL402	4300	1400	900	3.3	2350	3650
DYDL403	4300	2000	1950	4.4	3050	4550
DYDL404	4300	2400	1950	6.6	4220	5730
DYDL501	5000	1200	1900	2.6	1510	3000
DYDL502	5100	600	1900	4.1	2800	4500
DYDL503	5100	2300	900	5.6	4100	5500
DYDL504	5100	2900	1900	8.2	5500	6500

叠螺式污泥脱水机/Stackedspiralsludgedehydrator

■ 选型参数表/Working Principle

型号 Model	Ds标准处理量 standard processing capacity 低浓度→高浓度 Low → High (concentration)	污泥流量 sludge flow					
		原水	剩余污泥	化学污泥	好氧污泥	气浮浮渣	浓缩污泥
		raw water	excess sludge	chemical sludge	aerobic sludge	floating scum	concentrated sludge
		2000mg/L	5000mg/L	10000mg/L	20000mg/L	30000mg/L	50000mg/L
DYDL101	4`10kg/h	0.75m³/h	0.5m³/h	0.5m³/h	0.35m³/h	0.25m³/h	0.12m³ ² /h
DYDL102	8*20kg/h	1.5m³/h	1.2m³/h	1m³/h	0.7m³/h	0.5m³/h	0.24m³/h
DYDL131	6~12kg/h	1.2m³/h	1m³/h	0.8m³/h	0.5m³/h	0.4m³/h	0.25m³/h
DYDL132	12-25kg/h	2.4m³/h	2m³/h	1.5m³/h	1m³/h	0.8m³/h	0.5m³/h
DYDL201	9~20kg/h	2m³/h	1.8m³/h	1.5m³ ² /h	0.8m³/h	0.6m³/h	0.4m³/h
DYDL202	18-40kg/h	4m³/h	3.5m³/h	3m³/h	1.5m³/h	1.2m³/h	0.8m³/h
DYDL251	15-35kg/h	3.5m³/h	3m³/h	2.5m³/h	1.5m³/h	1m³/h	0.75m³/h
DYDL252	30-70kg/h	7m³/h	6m³/h	5m³/h	3m³/h	2m³/h	1.5m³/h
DYDL301	30-60kg/h	7m³/h	6m³/h	5m³/h	3m³/h	2m³/h	1.2m³/h
DYDL302	60-120kg/h	14m³/h	12m³/h	10m³/h	6m³/h	4m³/h	2.4m³/h
DYDL303	90~180kg/h	20m³/h	18m³/h	15m³/h	9m³/h	6m³/h	3.5m³/h
DYDL351	45-90kg/h	12m³/h	9m³/h	6m³/h	4.5m³/h	3m³/h	1.8m³/h
DYDL352	90-180kg/h	24m³/h	18m³/h	12m³/h	9m³/h	6m³/h	3.5m³/h
DYDL353	30~270kg/h	36m³/h	27m³/h	18m³/h	13m³/h	9m³/h	5m³/h
DYDL401	80-200kg/h	15m³/h	12m³ ³	10m³/h	8m³/h	6m³/h	4m³/h
DYDL402	160-380kg/h	30m³/h	24m³/h	20m³/h	15m³/h	12m³ ² /h	8m³ ² /h
DYDL403	240-550kg/h	45m³/h	36m³/h	30m³/h	22m³/h	18m³/h	12m³/h
DYDL404	320-750kg/h	60m³/h	48m³/h	40m³/h	28m³ ^h	24m³/h	16m³/h
DYDL501	200-300kg/h	30m²/h	22m²/h	20m³/h	15m/h	12m³/h	8m²/h
DYDL502	400-600kg/h	50m³/h	40m³/h	35m³/h	30m³/h	22m³/h	13m³/h
DYDL503	600-900kg/h	70m³/h	60m³/h	55m³/h	45m³ ^h	33m³ ² /h	20m³/h
DYDL504	800-1200kg/h	90m²/h	80m³ ² /h	70m³/h	55m²/h	44m³/h	30m³/h

上述处理量为参考值，根据污泥性质的不同，处理量会有所偏差，详情请在选择时咨询我公司

上述处理量是指脱水后泥饼含水率在85%以下为基准的参考值污泥浓度没有上限，但前提是必须要具有流动性

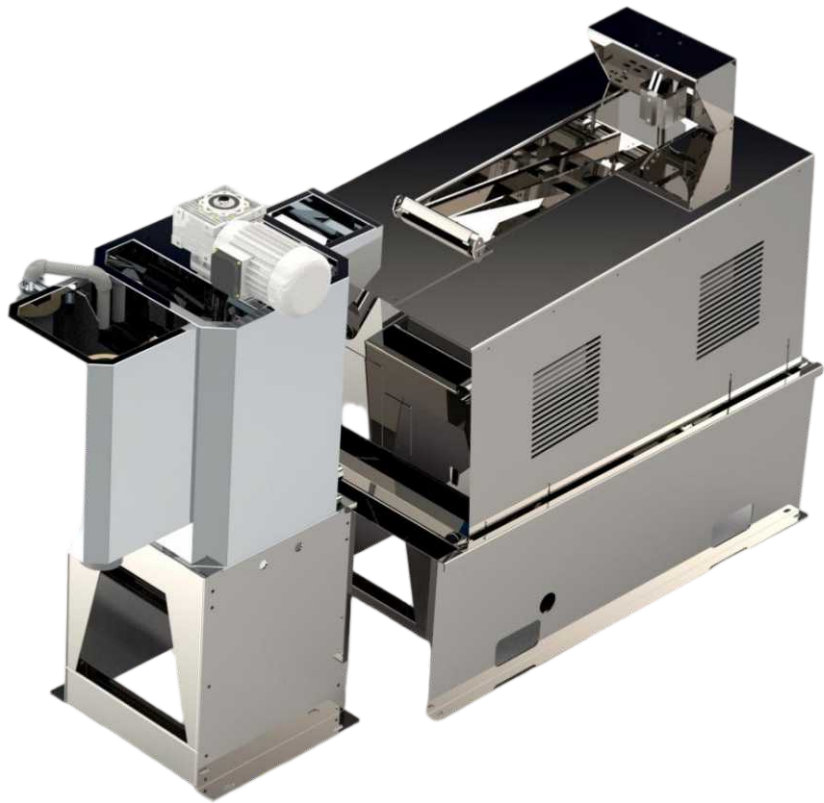
上述机型为我公司的标准配置，根据污泥的性质及客户的要求可以进行有针对性的规格变更，从处理量、含水率、固体回收率、运行稳定性等方面进一步提高脱水机的性能，详情请咨询我公司

The aforementioned processing capacity is a reference value. Due to variations in sludge properties, the processing capacity may deviate. For details, please consult our company during model selection

The aforementioned processing capacity refers to a reference value based on a water content of less than 85% in the mud cake after dewatering. There is no upper limit for sludge concentration, but it must be fluid

The aforementioned models are our company's standard configurations. Specific specifications can be adjusted according to the nature of the sludge and the requirements of the customer. We can further enhance the performance of the dewatering machine in terms of processing capacity, moisture content, solid recovery rate, and operational stability. For details, please consult our company

平板式固液分离机/Flat-plate solid-liquid separator



► 平板式固液分离机组成及其特点/Composition And Characteristics Of Plate Type Solid-liquid Separator

平板式固液分离机采用机、电、液一体化设计制造,包括平板式固液分离机本体(一级混合池、二级混合池、一级混合搅拌机二级混合搅拌机、固定式栅条、菱形回转轴、椭圆碟片、脱水段压板、气缸压力机构、传动减速电机、传动链条、传动齿轮。脱水段滤液槽、浓缩段滤液槽)、主体机架、密封门板、管路系统、物料输送系统和控制系统等部分。能够实现自动过滤、浓缩、脱水和物料输送等过程:由电柜控制,或按PLC可编程控制器设定的程序进行。

The flat-plate solid-liquid separator is designed and manufactured through the integration of mechanical, electrical, and hydraulic technologies. It comprises various components including the flat-plate solid-liquid separator body (primary mixing tank, secondary mixing tank, primary mixing agitator, secondary mixing agitator, fixed grating, diamond-shaped rotary shaft, elliptical disc, dewatering section pressure plate, cylinder pressure mechanism, transmission reduction motor, transmission chain, transmission gear, dewatering section filtrate tank, concentration section filtrate tank), main frame, sealed door plate, pipeline system, material conveying system, and control system. It is capable of achieving processes such as automatic filtration, concentration, dewatering, and material conveying. These processes are controlled by an electrical cabinet or according to the program set by a PLC (Programmable Logic Controller).

■ 选型参数表/Working Principle

型号 Model	绝干泥kg-DS/h absolutely dry mud	处理能力processing power		尺寸(m)L*W*H size	功率(kw) power	重量(kg) weight
		≤10000mg/L	≥20000mg/L			
DYPL-308	35-100	-4	-2	2.2*0.8*1.2	0.55	550
DYPL-512	60-175	-7	-3.5	2.40.9*1.1	1.5	750
DYPL-712	80-200	-10	-5	2.5*1.1*1.1	2.2	840
DYPL-914	100-320	-13	-7	2.8*1.5*1.2	2.2	1100
DYPL-1114	120-400	-16	-8	2.8*1.5*1.3	3	1300
DYPL-1316	150-450	-19	-10	3*1.8*1.5	3	1500

平板式固液分离机/Flat-plate solid-liquid separator

► 物料的推进和浓缩脱水/Material advance concentration and Dehydration Of materials

将一条条的菱形转轴串椭圆碟片后,放置于平放的平行固定栅条下方,碟片厚度小于栅条间隙,栅条高度小于椭圆的轴长,放置后约有1/3的椭圆片漏置干栅条上方.大部分在栅条下方.每组菱形转轴的轴向上,相邻栅条之间,只间隔一片碟片,相邻菱形转轴上的椭圆碟片成90°的相角,相邻的椭圆碟片旋转时形成啮合,但不接触。通过这样的结构,在齿轮的带动下,菱形转轴带动椭圆碟片同步旋转,将固定栅条上的污泥沿着旋转方向一波波的逐渐抛推至浓缩段、脱水段和出料口。固定式栅条间隙为1mm,而物料中的污泥等颗粒物,通过加药絮凝后形成更大的絮凝团,絮凝团直径大于栅条的间隙,随着物料被导入脱水段的固定栅象上,大颗粒物被栅条截留住,随着椭圆碟片的转动抛推到下段椭圆碟片所在区间,最终推入浓缩段。而物料中的大部分水,通过力作用,透过条直接掉至栅条下方的脱水段滤液横里,随着物料不断地被抛翻推进,物料中心的水分子也被均匀的推至外部,掉入栅缝之中。

在物料被推至浓缩段后,这部分物料大部分的自由水已在脱水段被脱掉了,光靠重力作用,絮凝团中的吸附水很难被分离出来,在这一阶段椭圆碟片外形越来越小将物料推入斜型压板中,压板上方通过气缸对物料施加压力。由于压板与栅条的间隙越来越小,随着物料的推进,物料所受的挤压力也越来越大,在挤压力和重力的双重作用下,将物料絮凝团中的游离水和部分吸附水挤压分离出来,进入栅条缝隙,最终掉入浓缩段下方的浓缩滤液池,而经过压力挤压脱水的物料最终形成泥饼从出料口输出。

After stringing the rhombic shafts together and connecting them to the elliptical discs, they are placed beneath the horizontally positioned parallel fixed bars. The thickness of the discs is less than the gap between the bars, and the height of the bars is less than the axial length of the ellipse. After placement, about one-third of the elliptical discs are left above the bars, with most of them beneath the bars. In each set of rhombic shafts, only one disc is placed between adjacent bars in the axial direction. The elliptical discs on adjacent rhombic shafts form a 90° phase angle, and when they rotate, they mesh with each other but do not touch. With this structure, driven by gears, the rhombic shafts synchronously rotate the elliptical discs, gradually pushing the sludge on the fixed bars in waves along the rotational direction to the concentration section, dewatering section, and discharge outlet. The gap between the fixed bars is 1mm, and the particles such as sludge in the material form larger flocculation clusters after being dosed and flocculated. The diameter of the flocculation clusters is larger than the gap between the bars. As the material is guided onto the fixed bars in the dewatering section, large particles are retained by the bars and are thrown and pushed to the area where the next elliptical disc is located, eventually being pushed into the concentration section. Most of the water in the material, under the force of gravity, directly falls through the bars into the filtrate channel beneath the bars in the dewatering section. As the material is continuously thrown and pushed forward, the water molecules in the center of the material are also evenly pushed to the outside and fall into the bar gaps.

After the material is pushed to the concentration section, most of the free water in this part of the material has already been removed in the dewatering section. Relying solely on gravity, the adsorbed water in the flocculated clusters is difficult to separate. In this stage, the elliptical disc shape becomes smaller and smaller, pushing the material into the inclined pressure plate. Above the pressure plate, a cylinder applies pressure to the material. As the gap between the pressure plate and the grid bars becomes smaller and smaller, and as the material is pushed forward, the squeezing force on the material becomes greater and greater. Under the dual action of squeezing force and gravity, the free water and some of the adsorbed water in the flocculated clusters of the material are squeezed out, enter the gaps between the grid bars, and finally fall into the concentrated filtrate tank below the concentration section. The material that has been squeezed and dewatered through pressure eventually forms a mud cake and is output from the discharge outlet.

► 产品优势/Product Advantage

1.不堵塞 Unblocked:无需对缝隙进行反冲洗 通过连续设置的椭圆转子缝隙之间进行不断的旋转,使固液的分离和自我清洗同时进行

There is no need to backwash the gaps. Through continuous rotation between the gaps of the elliptical rotor, solid-liquid separation and self-cleaning occur simultaneously

2.稳定的清洁能力:通过对滤缝的自我清洗,不会像其他过滤类型的脱水机因堵塞而导致处理能力的下降
2. Stable cleaning:capability Through self-cleaning of the filter gaps, it will not suffer from a decline in processing capacity due to blockage, as seen in other types of filtration-based dehydrators

3.强大的搬运能力:通过椭圆转子的回转自动对分离后的固体进行搬送
3. Strong handling capacity: The separated solids are automatically conveyed through the rotation of the elliptical rotor transport

4.维护容易:由于构造简单,维护也比较容易
4. Easy maintenance: Due to its simple structure, maintenance is also relatively easy

无轴螺旋输送机/Shaftless screw conveyor



设备概述/Equipment Overview

无轴螺旋输送机是一种无中心轴，靠螺旋体的旋转来推进并输送泥饼的设备。无轴螺旋输送机由驱动减速电机、支架、输送螺旋、型槽、尼龙衬板，盖板和进料口组成。其具有结构紧凑，节省空间，物料输送流畅，有效防止堵寒和缠绕物等特点。而且，整个输送过程在封闭的槽体内进行，物料无外溢，避免二次污染。无轴螺旋输送机是用来输送经过脱水程序后从污泥脱水机排出的泥饼输送装置。选型时需考虑污泥脱水机的排泥口底端与基础地面的高度。一般来说，进料口的宽度应稍大于滑泥板的宽度。

The shaftless screw conveyor is a device without a central shaft that relies on the rotation of the screw body to propel and transport mud cakes. It consists of a driving reduction motor, a frame, a conveying screw, a shaped trough, a nylon lining plate, a cover plate, and a feeding port. It features a compact structure, space-saving design, smooth material conveyance, and effective prevention of blockages and entanglements. Furthermore, the entire conveying process takes place within a closed trough, preventing material spillage and secondary pollution. The shaftless screw conveyor is used to transport mud cakes discharged from a sludge dewatering machine after the dewatering process. When selecting the model, it is necessary to consider the height difference between the bottom of the sludge discharge port of the sludge dewatering machine and the foundation ground. Generally speaking, the width of the feeding port should be slightly larger than that of the sliding mud plate.

产品规格/Product specifications

型号 Model	输送能力(m³/h) conveying capacity	输送长度(m) conveying length	安装角度(°) installation angle	总功率total power
DYWLS-220	~1	≤15m	0~30	设备的总功率以输送长度、安装角度和输送物料特性而定 The total power of the equipment depends on the conveying length, installation angle, and characteristics of the conveyed material
DYWLS-260	1.5~2	≤15m	0~30	
DYWLS-320	2.5~3	≤15m	0~30	
DYWLS-360	4~5	≤15m	0~30	

- 上述处理量为参考值，详情请在选型时咨询我公司
- 设备的总功率因输送长度、安装角度和输送物料特性而变化
- 螺旋体材质为不锈钢304或锰钢、U型槽材质为碳钢或不锈钢304
- 上述规格型号在变更时不预先通知，所有机型以最新发布的型号为准
- The aforementioned processing capacity is a reference value. For details, please consult our company during model selection
- The total power of the equipment varies depending on the conveying length, installation angle, and characteristics of the conveyed material
- The spiral body is made of stainless steel 304 or manganese steel, and the U-shaped groove is made of carbon steel or stainless steel 304
- The specifications and models mentioned above are subject to change without prior notice, and all models are subject to the latest released models

螺旋压榨机/Screw Press



产品规格/Product specifications

型号 Model	输送能力(m³/h) conveying capacity	输送长度(m) conveying length	安装角度(°) installation angle	出渣角度(°) slag discharge angle	总功率total power
DYWLS-220	~1	≤15m	0	45	设备的总功率以输送长度、安装角度和输送物料特性而定 The total power of the equipment depends on the conveying length, installation angle, and characteristics of the conveyed material
DYWLS-260	1.5~2	≤15m	0	45	
DYWLS-320	2.5~3	≤15m	0	45	
DYWLS-360	4~5	≤15m	0	45	

- 上述处理量为参考值，详情请在选型时咨询我公司
- 设备的总功率因输送长度、安装角度和输送物料特性而变化
- 螺旋体材质为不锈钢304或锰钢、U型槽材质为碳钢或不锈钢304
- 上述规格型号在变更时不预先通知，所有机型以最新发布的型号为准
- The aforementioned processing capacity is a reference value. For details, please consult our company during model selection
- The total power of the equipment varies depending on the conveying length, installation angle, and characteristics of the conveyed material
- The spiral body is made of stainless steel 304 or manganese steel, and the U-shaped groove is made of carbon steel or stainless steel 304
- The specifications and models mentioned above are subject to change without prior notice, and all models are subject to the latest released models

皮带输送机/BeltConveyor



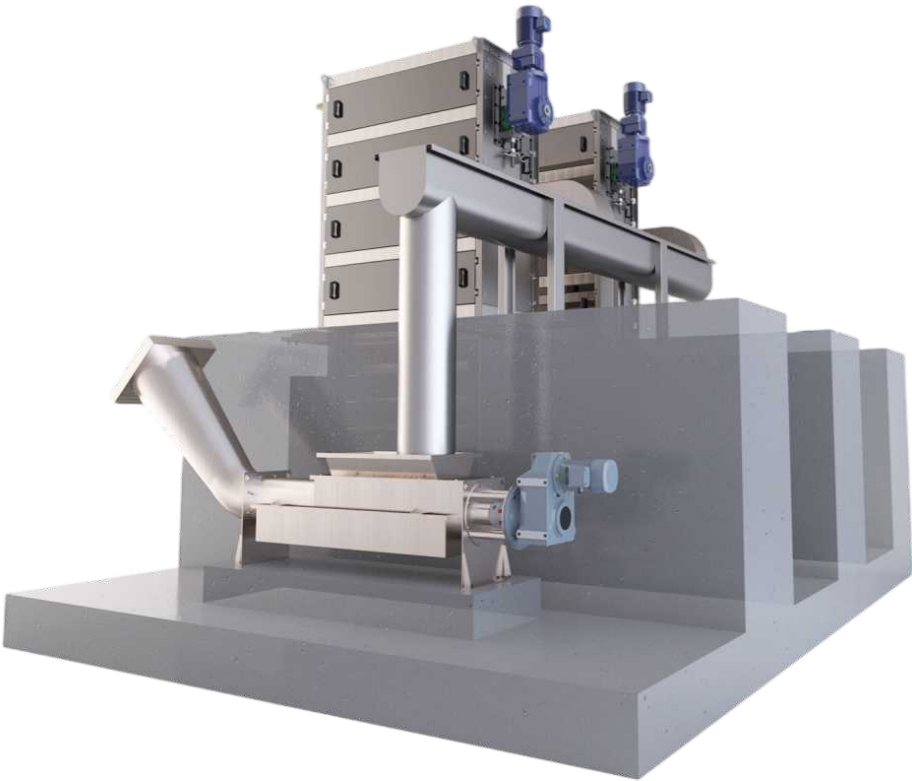
► 设备概述/Equipment Overview

皮带输送机是以挠性胶带作为物料承载件和牵引件的连续输送设备。根据摩擦原理，由运动而被运走。传动滚筒带动胶带，将物料输送到所需要的地方胶带绕经头部的主动滚筒和尾部的改向滚筒，形成一个无级的环节带，上下两段胶带都支撑在托辊上，拉紧装置给胶带以正常运转所需要的张紧力A white belt conveyor is a continuous conveying equipment that uses flexible tape as the material carrier and traction component. According to the principle of friction, it is moved by motion. The transmission drum drives the tape to transport the material to the required ground tape, which is wrapped around the active drum at the head and the reversing drum at the tail, forming an endless loop belt. The upper and lower sections of the tape are supported by the idler roller, and the tensioning device provides the necessary tension for the normal operation of the tape

■ 选型参数表/Working Principle

带宽(mm)	带速(m/s)	输送长度<10M电机功率	输送长度<10M电机功率	输送能力m³/h	皮带长度和倾斜角度
Bandwidth	Belt speed	Conveying length<10M, motor power	Conveying length<10M, motor power	Conveying capacity	Belt length and inclination angle
500	0.4	2.2	3	85	可根据现场要求定做 Customized according to on-site requirements
600	0.4	2.2	3	100	
800	0.4	3	4	145	
000	0.5	3	4	220	
200	0.5	3	5.5	260	
1500	0.5	4	5.5	320	
800	0.5	5.5	7.5	380	

高排水螺旋压榨机/HighDrainageScrewPress



► 工作原理/Working Principle

内进流格栅机捞起的废渣(栅渣)进入高排水螺旋压榨机进料口，电机、减速机带动螺旋叶片作定向旋转，废渣在螺旋叶传输线的旋转挤压下将废渣中的水挤干，废渣从排渣口排出，废液从机体底部的栅条中流进集水槽后排出。

螺旋经开槽的压力管中段起，输送段在压缩区结束。螺旋输送机的长度限制在一个短的出口之前，使得栅渣在压力管内被挤压。输送和压实通过一个强度极高的钢螺旋来完成，输送长度符合设计要求。螺旋压榨机有足够的刚度，确保无变形。即使在机渣很湿的情况下，也能很好的脱水。冲洗装置可对脱水段自动清洁。

高排水压榨机电气控制系统已包含在格栅除污机范围内，与格栅联动。

The waste residue (grid residue) picked up by the internal flow grid machine enters the feed inlet of the high drainage spiral press. The motor and reducer drive the spiral blades to rotate in a directional manner. The waste residue is squeezed out of the water in the waste residue by the rotation and compression of the spiral blade transmission line. The waste residue is discharged from the slag discharge outlet, and the waste residue flows into the collection tank through the grid bars at the bottom of the machine body before being discharged.

The spiral slotted pressure pipe starts from the middle section and ends at the compression zone in the conveying section. The length of the screw conveyor is limited to a short outlet, causing the slag to be squeezed inside the pressure pipe. The conveying and compaction are completed through a high-strength steel spiral, and the conveying length meets the design requirements. The screw press has sufficient rigidity to ensure no deformation. Even when the slag is very wet, it can still be dehydrated well. The flushing device can automatically clean the dehydration section.

The electrical control system of the high drainage press is included in the scope of the grid cleaning machine and is linked with the grid.

回转式耙齿格栅除污机/Rotary Rake Grille Decontamination Machine



► 设备概述/Equipment Overview

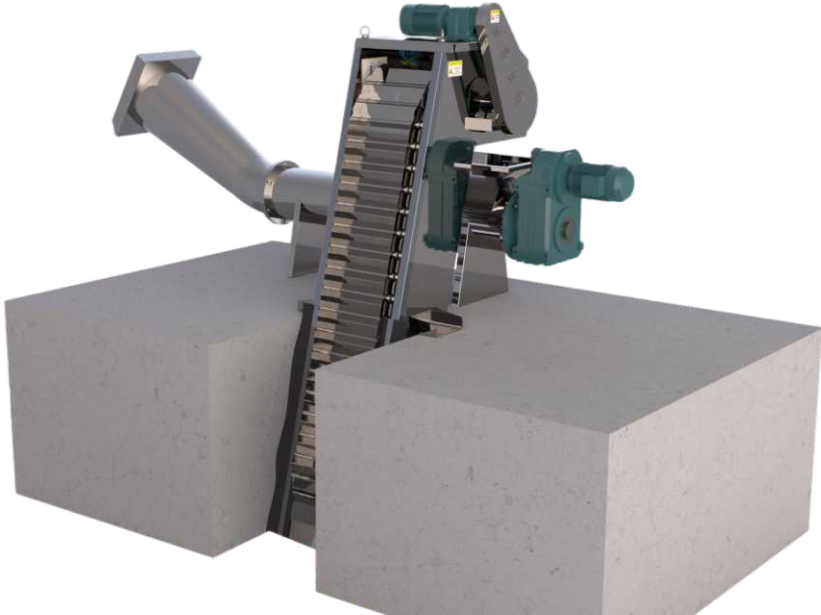
回转格栅清污机由尼龙或不锈钢材质制成的耙齿，按一定间隙排列次序装在耙齿轴上形成封闭式耙齿链，设备按一定角度安装在进水中当传动系统带动链轮作匀速定向旋转时设备的整个齿链便自上而下循环运动齿携带水中垃圾、杂物从污水中分离出来，流体通过耙齿间隙流过去，整个工作状态连续进行。耙齿链携带杂物到达上端反向运动时，促使杂物重力脱落。耙齿机械格栅清污机的最大优点是自动化程度高分离效率高动力小无噪音耐腐蚀性能好在无人看管的情况下连续稳定工作，由于该设备结构合理，在设备工作时，不会发生堵塞现象，日常维修工作量很小。

The rotary grid cleaning machine is made of nylon or stainless steel material, with rake teeth arranged in a certain gap sequence on the rake shaft to form a closed rake tooth chain. The equipment is installed at a certain angle in the inlet channel. When the transmission system drives the sprocket to rotate uniformly and directionally, the entire gear chain of the equipment circulates from top to bottom, carrying garbage and debris in the water and separating them from the sewage. The fluid flows through the rake tooth gap, and the entire working state is continuous. When the rake chain carries debris to the upper end and moves in reverse, it causes the debris to fall off by gravity. The biggest advantage of the rake toothed mechanical grid cleaning machine is its high degree of automation, good separation efficiency, small power, no noise, and corrosion resistance. It can work continuously and stably without supervision. Due to the reasonable structure of the equipment, there will be no blockage during operation, and the daily maintenance workload is very small.

■ 选型参数表/Working Principle

型号 Model	设备净宽(mm) Equipment net width	渠宽(mm) Canal width	过水面有效率Efficient crossing of water surface				功率power(kw)	
			栅隙Gate gap				渠深Canal depth	
			3mm	5mm	10mm	15mm	1.5(m)-5(m)-7.5(m)	
DYGS0.4	300	400	0.27	0.36	0.48	0.54	0.37	0.37
DYGS0.5	400	500					0.37	0.55
DYGS0.6	500	600					0.55	0.55
DYGS0.7	600	700					0.55	0.55
DYGS0.8	700	800					0.55	0.75
DYGS0.9	800	900					0.75	0.75
DYGS1.0	900	1000					0.75	1.1
DYGS1.1	1000	1100					1.1	1.1
DYGS1.2	1100	1200					1.1	1.1
DYGS1.3	1200	1300					1.1	1.5
DYGS1.4	1300	1400					1.5	1.5
DYGS1.5	1400	1500					1.5	1.5

阶梯式网版格栅除污机/Step Screen Grid decontamination Machine



► 设备概述/Equipment Overview

筛网格栅捞污机是一种可以连续自动拦截并清除流体中各种细小杂物的预处理专用设备。是以固液分离为目的的筛网式格栅除污装置，常用于需拦截清理细小悬浮物的污水处理项目中。

The sieve grid cleaning machine is a specialized pre-treatment equipment that can continuously and automatically intercept and remove various small impurities in the fluid. It is a screen type grid cleaning device designed for solid-liquid separation, commonly used in sewage treatment projects that require interception and cleaning of fine suspended solids.

► 设备特点/Equipment Characteristics

- 设备自动化程度高，分离效率高，无噪音，动力消耗小，耐腐蚀性好。
- 设备设置了过载安全保护装置，在设备发生故障时，会自动停机，可以避免设备超负荷工作。
- 格栅捞污机设备可以根据用户需要任意调节筛网大小。
- 设备结构设计合理，自身具有很强的自净能力，不会发生堵塞现象，所以日常维护工作量很少。
- The equipment has a high degree of automation, high separation efficiency, no noise, low power consumption, and good corrosion resistance.
- The equipment is equipped with an overload safety protection device, which will automatically shut down in the event of a malfunction, preventing the equipment from working under overload.
- The grid cleaning machine equipment can adjust the screen size according to user needs.
- The equipment structure is designed reasonably and has strong self-cleaning ability, so there will be no blockage, so the daily maintenance workload is minimal.

内进流网板格栅机/InternalFlowGridMachine



► 结构原理/Structural Principle

进流网板细格栅自机架、驱动系统、网板系统、反冲洗系统、除渣系统及电控系统六大部分组成。
The system consists of six main components: the inlet plate fine grid rack, the drive system, the plate system, the backwash system, the slag removal system, and the electrical control system.

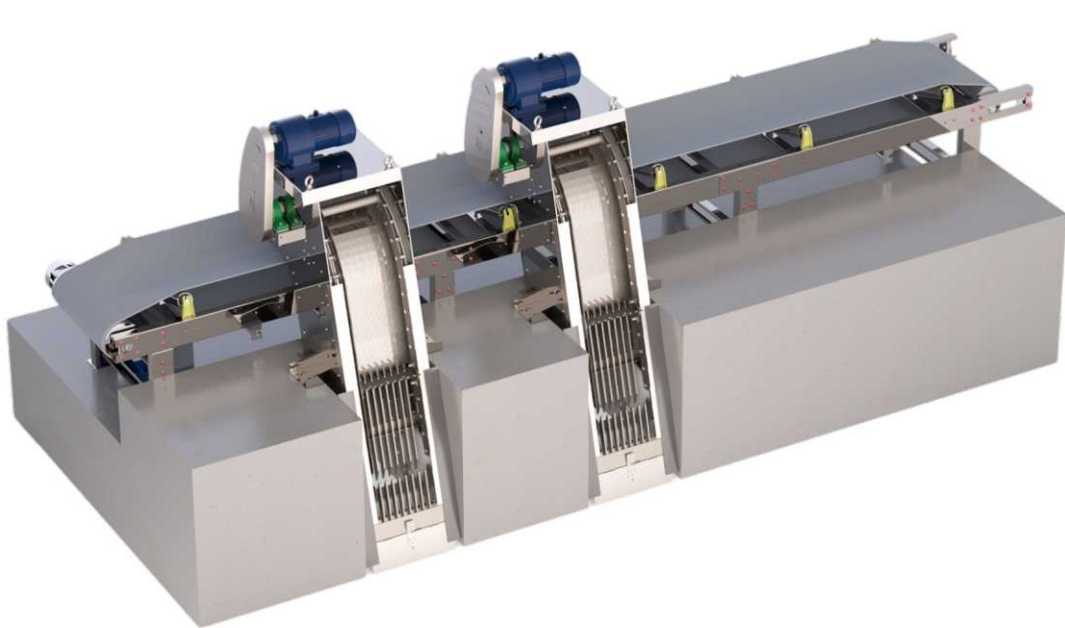
► 运行原理/Operating Principle

减速电机驱动链轮转动，链轮带动网板连续回转；污水从进水口进入格栅，经网板过滤，滤后水流向网板外侧，污物被截留在同板内表面，随着网板连续回转带至顶部；反冲洗系统冲洗洗板外侧，在冲洗水作用下污物被冲洗到收渣槽，并随着冲洗水一起流出排污口
The deceleration motor drives the sprocket to rotate, and the sprocket drives the plate to rotate continuously; The polluted water enters the grid through the inlet and is filtered by the grid. After filtration, the water flows towards the outside of the grid, and the pollutants are trapped on the inner surface of the same grid. As the grid continues to rotate, it reaches the top of the grid; The backwash system flushes the outside of the washing plate, and under the action of flushing water, the dirt is washed into the slag collection tank and flows out of the sewage outlet together with the flushing water

■ 选型参数表/Working Principle

规格型号Specification Model	600	800	900	1000	1200	1500
技术参数Technical Specifications						
孔板长度Orifice plate length (mm)	≥600mm可根据现场要求定做)					
可根据现场要求定做Customized according to on-site requirements	Customized according to on-site requirements					
过滤精度中Filtering accuracy	φ1-6mm					
拦截率Intercept rate%	95-99%					
过网流速Flow velocity across the network (m/s)	≤1					
运行水深Operating water depth H (m)	≥1.0m(根据现场要求定制)Customized according to on-site requirements					
设备功率Equipment power (KW)	0.75-1.5					
冲洗水压Flushing water pressure (MPa)	4 Bar					

回转式雨水格栅机/RotaryRainGrateMachine



► 设备概述/Equipment Overview

回转式雨水格栅机包括机架、驱动变速系统、传动导轮、支承轮以及绕其运动的封闭式回转牵引链，耙齿和栅条。在电机减速机的驱动下，回转牵引链由下往上作回转运动，当牵引链上的耙齿轴由下往上作运转到栅条的迎水面时，耙齿即插入栅条缝隙中由下往上作清捞时，另一齿则与其形成包围之势将固体杂物包围住，不让他脱漏，清除效率高且彻底。当耙齿运动到机器上部时，杂物靠自重自行脱落容器中或输送机上，把杂物送走。
The rotary water grid machine includes a frame, a drive variable speed system, a transmission guide wheel, a bearing wheel, and a closed rotary traction chain, rake, and grid bars that move around it. Under the drive of the motor reducer, the rotating traction chain rotates from bottom to top. When the rake shaft on the traction chain rotates from bottom to top to the water facing surface of the grid bar, the rake is inserted into the gap of the grid bar and cleaned from bottom to top. The other rake forms a surrounding force with it to enclose solid debris, preventing it from leaking and achieving high and thorough cleaning efficiency. When the rake moves to the upper part of the machine, debris falls off the container or conveyor by its own weight, and is transported.

► 设备特点/Equipment Characteristics

- 防止杂物可能进入牵引链中，将牵引链卡死，故设计了封闭式牵引链。
- 水下轴承组件采用了不锈钢材料，配以耐磨钢轴承，免去了水下部件的日常维修。
- To prevent debris from entering the traction chain and causing it to get stuck, a closed traction chain has been designed.
- The underwater bearing components are made of stainless steel material and equipped with wear-resistant steel bearings, eliminating the need for daily maintenance of underwater components.

■ 选型参数表/Working Principle

规格型号Specification Model	DYYS-800	DYYS-1000	DYYS-1200	DYYS-1500	DYYS-1600	DYYS-1800
技术参数Technical Specifications						
设备宽度Equipment width (mm)	800	1000	1200	1500	1600	1800
沟宽Ditch width W (mm)	900	1100	1300	1600	1700	1900
沟深Ditch depth H (mm)	根据要求定制Customize according to requirements					
安装角度installation angle	60°、65°、75°、80°					
栅条间距Grid spacing (mm)	10、15、20、25、30、40、50、60、80					
排渣高度Slag discharge height H1 (mm)	400-100(根据要求定制, 常规为Customized according to requirements, the standard is800)					
设备运转速度Equipment operating speed (m/min)	1.8					
设备功率Equipment power (KW)	0.75-3.7					

转鼓格栅机/DrumGrilleMachine



► 设备概述/Equipment Overview

该采用转鼓螺旋式，由圆形筛筒作为栅面，与水平面成35°安装在水渠中，当污水从格栅维头流入筛筒内，大于栅隙的滤渣被拦截，沉积在筛筒内表面，整个筛筒由电机驱动旋转，筛筒上方的清渣刷与冲水机构对筛面进行清洗，将滤渣冲落入中央物料槽内，由输送螺杆提升，经压榨、脱水后，由卸料口落入物料箱或输送机进行外运处理。
This adopts a rotary screw type, with a circular screen cylinder as the grid surface, installed in the water channel at a 35 ° angle to the water level. When the sewage flows into the screen cylinder from the grid head, the filter residue larger than the grid gap is intercepted and deposited on the surface of the screen cylinder. The entire screen is driven to rotate by a motor, and the cleaning brush and flushing mechanism on the screen cylinder clean the screen surface, flushing the filter residue into the central material tank, lifting it by the conveying screw, and after pressing and dehydration, it falls into the discharge port. Material boxes or conveyors are used for external transportation processing.

► 设备特点Equipment Characteristic

- 整机结构紧凑，占地面积小，易于安装操作和维护；
- 栅条间隙小，一般可设计在6-12mm范围内；
- 截污效率高，封闭式输送，对环境不产生污染；
- 可实行全自动控制，运转平稳、能耗低、噪声小；
- 运行过程中实行自动清洗，无堵塞。
- The whole machine has a compact structure, small footprint, and is easy to install, operate, and maintain;
- The gap between the bars is small and can generally be designed within the range of 6-12mm; High interception efficiency, enclosed transportation, no pollution to the environment;
- It can achieve full automatic control, smooth operation, low energy consumption, and low noise;
- During operation, perform automatic cleaning without any blockages.

■ 选型参数表/Working Principle

型号model												
参数parameter		-600	-800	-1000	-1200	-1400	-1600	-1800	-2000	-2200	-2400	-2600
宽度Width B (mm)		600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600
渠道宽度Channel width B. (mm)		620	820	1020	1220	1440	1640	1840	2040	2240	2440	2640
栅条间隙Inter bar Chen B (mm)		1月5日										
安装角度Installation angle a (°)		35										
渠道深度Channel depth H (mm)		H3+300~500										
卸料口至平台高度Distance H1 (mm) from discharge port to platform		1000~1500										
旋转速度Rotation speed n (r/min)		≈26										
电机功率Motor power N (kw)		1.1			1.5				2.2			
安装尺寸Installation size (mm)	L	860	1100	1340	1580	1810	2040	2280	2670	2700	3080	3410
	L1	330	450	560	660	780	910	1000	1120	1230	1350	1460
	L2	125	125	125	125	125	125	125	125	125	125	125
	L3	1230	1420	1420	1310	1590	1590	1590	1520	1520	1520	1520
	H2	400	520	670	800	930	1110	1230	1300	1500	1680	1750
土理载荷Geotechnical load	P,(KN)	6.6	7.7	9.8	11	18.7	21	23.4	26.1	36.6	40.4	45
	P,(KN)	3.3	3.86	4.9	5.5	9.4	10.5	11.7	13.1	18.3	20.2	22.3

斜筛式固液分离机/InclinedScreenTypeSolidLiquidSeparator



► 设备概述/Equipment Overview

斜筛式螺旋挤压固液分离机系采用螺旋挤压方式连续工作的固液分离机，适用于分离固相颗粒0.3mm料液中含固比例大而分离后要求含水率比较低的物料。特别适用于养殖场的牛粪、猪粪、鸡粪等禽畜类秸秆工程及处理人造板厂废水等纤维粗的有机废废弃物，脱水分离为液态有机肥和固态有机肥。本固液分离机通过将固液分离筒分为离心分离段和挤压分离段，即通过离心分离和挤压分离两种手段对沼渣进行固液分离 固液分离彻底，沼渣的含水量大大降低,减少了沼渣的晾晒时间并降低了烘干费用，为生产沼肥的用户节约了时间和成本。
The inclined screen spiral extrusion solid-liquid separator system adopts a continuous operation of spiral extrusion solid-liquid separator, which is suitable for separating materials with high solid content in 0.3mm solid particles and low water content after separation. Specially suitable for livestock straw processes such as manure, pig manure, and chicken manure in breeding farms, as well as the treatment of fibrous organic waste such as artificial board waste water, which is separated into liquid organic fertilizer and solid organic fertilizer through dehydration. This solid-liquid separator divides the solid-liquid separation cylinder into a centrifugal separation section and an extrusion separation section, which thoroughly separates the solid and liquid from the sludge through centrifugal separation and extrusion separation. The water content of the sludge is greatly reduced, reducing the drying time of the sludge and lowering the drying cost, saving time and cost for the production of biogas fertilizer.

► 设备特点/Equipment Characteristics

机身小巧，占地面积小，安装灵活便捷，可单台使用，也可实现多台并联，相互独立运行，节省土建资源;用电负荷小，分离效率高，单机处理量*可达50m3/h;应用范围广:筛筒的筛孔直径0.25-1mm，不同的禽畜场如猪场、牛场可根据粪便组成的不同来选择相对筛孔的固液分离机; Compact body, small footprint, flexible and convenient installation, can be used as a single unit, or multiple units can be connected in parallel and operate independently of each other, saving civil engineering resources; Low power load, high separation efficiency, and a single machine processing capacity of up to 50m3/h; Wide application range: The sieve hole diameter of the sieve cylinder is 0.25-1mm. Different livestock farms such as pig farms and cattle farms can choose solid-liquid separators with relative sieve holes according to the different composition of feces;

■ 选型参数表/Working Principle

型号model	处理量processing capacity	尺寸Dimensions (mm)			功率(kW)power	重量(kg)weight
		L	W	H		
DYXS-800	8-15m3/h	1700	1300	1600	4	380
DYXS-1200	15-25m3/h	2000	1300	1600	4	480
DYXS-1500	25-35m3/h	2300	1300	1600	4	580
振动筛材质Material of vibrating screen	筛网304L不锈钢冷轧碰焊技术，筛网间隙0.6mm Mesh 304L stainless steel cold rolling butt welding technology, mesh gap 0.6mm					
整机材质Material of the whole machine	整机304不锈钢，外壳厚2.0mm冷轧国标工业不锈钢板 The whole machine is made of 304 stainless steel, with a shell thickness of 2.0mm cold-rolled national standard industrial stainless steel plate					
振动电机Vibration Motor	40w三相异步震动电机：与筛框减震的结合完成了双福复合型功能，具有震动频率稳，噪音低的效果 40W three-phase asynchronous vibration motor: Combined with the screen frame damping system, it completes the dual Fu composite function, with stable vibration frequency and low noise effect					
螺旋spiral	304不锈钢冷轧独立磨具一次成型4mm厚90mm螺距：挤压滤水截面积效果为：450mm*260mm.滤水效果≥70% 304 stainless steel cold-rolled independent grinding tool, one-time forming, 4mm thick, 90mm pitch: extrusion, water filtration cross-sectional area effect: 450mm * 260mm, water filtration effect ≥ 70%					
去渣率Slag removal rate	>90%					

滚筒挤压机/Roller Extruder



► 运行原理/Operating Principle

原液池的液体通过切割式铰刀输送泵，将粪便送入滚筒式固液分离机内，经过不锈钢滚筒微滤网进行前期预脱水(出水可以选择重新进入沉淀池或者调节池以及后端的污水处理系统)，预脱水后的含水较少的滤渣固体，经过滚筒螺旋推送装置进入固液分离螺旋挤压机通过螺旋挤压机的再一次压榨过滤即可分离出含水较少的滤渣可以直接装袋、储存运输非常方便。

The liquid in the original liquid tank is transported by a cutting type reamer pump, and the feces are sent into a drum type solid-liquid separator. After passing through a stainless steel drum microfiltration screen, it undergoes pre dehydration (the effluent can choose to re-enter the sedimentation tank or regulating tank, as well as the sewage treatment system at the back end). The pre dehydrated filter residue with less water content enters the solid-liquid separation screw extruder through a drum screw pushing device, and can be separated into filter residue with less water content through further pressing and filtration by the screw extruder. It can be directly bagged, stored, and transported very conveniently.

滚筒式固液分离机使用范围：畜禽养殖粪便处理

Application scope of drum type solid-liquid separator:
treatment of livestock and poultry manure

水力筛/Hydraulic Screen



► 设备概述/Equipment Overview

待处理废水通过溢流堰均匀分布到弧形筛网上，由于筛网表面间隙小、平滑，而背面间隙大，水体不断冲刷筛网，起到清洗筛网的作用，不易阻塞，固态物质被截留在网面上，通过筛网的水从筛板缝隙中流出，进入下一处理工段；同时在重力作用下，拦截的固态物聚集并沿筛网表面滚动至螺旋压榨系统，从而达到固液分离目的。

The wastewater to be treated is evenly distributed on the arc-shaped screen through the overflow weir. Due to the small and smooth gaps on the surface of the screen and the large gaps on the back, the water continuously flushes the screen, playing a role in cleaning it and not easily blocking it. Solid substances are trapped on the screen surface, and the water passing through the screen flows out from the gaps of the screen plate and enters the next treatment section. At the same time, under the action of gravity, the intercepted solid substances aggregate and roll along the surface of the screen to the spiral pressing system, thus achieving the purpose of solid-liquid separation.

► 设备特点/Equipment Characteristics

- 构造简单。水力筛(水力筛网)包含筛网，筛网架，进水管，布水管等。
- 处理效率高。用于污水处理时，BOD去除效率约等于初次沉淀。用于生活污水处理，水力筛网每米宽度的流量通过能力约为2000m³/d，作用与一座180m²的澄清池相近，一个水力筛网占地面积仅不到5m²。
- 定期冲洗，保证正常运行。
- 维护方便。
- Simple construction. Hydraulic sieve (hydraulic sieve) includes sieve mesh, sieve mesh frame, inlet pipe, water distribution pipe, etc.
- High processing efficiency. When used for sewage treatment, the removal efficiency of BOD is approximately equal to that of initial sedimentation. Used for domestic sewage treatment, the hydraulic screen has a flow capacity of approximately 2000m³/d per meter width, similar to a 180m² clarification tank. A hydraulic screen occupies an area of less than 5m².
- Regular flushing to ensure normal operation.
- Easy to maintain.

外进流滚筒微滤机/ExternalFlowRollerMicrofilter



► 工作原理/Working Principle

“交流转速电机通过减速机驱动栅网筒体，污水通过入口阀到水箱，通过缓冲均布的箱板上升到过滤器水位线。水通过网格的间隙进入筒体，并从栅网筒的底部排出，并清洁网格。大于栅格间隙的杂质和纤维状有机物质被网格阻挡并被旋转的栅网筒体带到筒体的另一侧。经卸料机卸至排渣斗，处理后的垃圾含水量比原有设备低 于30%-50%，过滤后的污水流入出水箱，并经排水口排出。
The AC speed motor drives the grid cylinder through the reducer, and the sewage enters the water tank through the inlet valve and rises to the filter water level through the buffer evenly distributed box plate. Water enters the cylinder through the gap of the grid and is discharged from the bottom of the grid cylinder, cleaning the grid. Impurities and fibrous organic substances larger than the grid gap are blocked by the grid and carried to the other side of the cylinder by the rotating grid cylinder. They are discharged to the slag discharge hopper by the unloader, and the treated garbage has a water content lower than 30% -50% of the original equipment. The filtered sewage flows into the outlet tank and is discharged through the drainage outlet.

内进流滚筒微滤机/Internal Flowdrum Microfilter



► 工作原理/Working Principle

滚筒微滤机是一种常见的过滤设备，工作原理是利用滚筒内部的微孔过滤网，将液体中的杂质和颗粒物过滤掉，实现液体的净化和分离。滚筒微滤机的滤网通常由 不锈钢丝或聚酯纤维制成，其孔径大小可以根据需要 进行调整。当液体通过滤网时，较大的颗粒物会被滤网拦 截，而较小的颗粒物则会通过滤网进入滚筒内部。在滚 筒内部，液体会被分成两部分，一部分是经过滤网过滤后的清洁液体，另一部分则是未被过滤的含有杂质和颗粒物的液体。滚筒微滤机广泛应用于化工、制药、食品、 饮料等行业中，可以用于液体的过滤、分离、净化等工作。其优点是过滤效率高、操作简单、维护方便等，工作原理简单明了，可以有效地将液体中的杂质和颗粒物过滤掉，从而实现液体的净化和分离。在实际应用中，需要注 意定期清洗滤网，以保证设备的正常运行。
Drum microfilter is a common filtering device that works by using the microporous filter inside the drum to filter out impurities and particles in the liquid, achieving purification and separation of the liquid. The filter screen of the drum microfilter is usually made of stainless steel wire or polyester fiber, and its pore size can be adjusted as needed. When the liquid passes through the filter, larger particles will be intercepted by the filter, while smaller particles will enter the drum through the filter. Inside the drum, the liquid will be divided into two parts, one is the clean liquid filtered through the filter screen, and the other is the unfiltered liquid containing impurities and particles. Drum microfiltration machines are widely used in industries such as chemical, pharmaceutical, food, and beverage, and can be used for liquid filtration, separation, purification, and other tasks. Its advantages are high filtration efficiency, simple operation, easy maintenance, etc. The working principle is simple and clear, which can effectively filter out impurities and particles in the liquid, thereby achieving purification and separation of the liquid. In practical applications, it is necessary to pay attention to regularly cleaning the filter screen to ensure the normal operation of the equipment.

■ 设备参数/Equipment Parameter

型号 model	处理量 processing capacity	筛鼓直径(mm) Screen drum diameter	筛鼓长度(mm) Length of foil drum	设备总长(mm) Total equipment length	设备高度(不含腿)(mm) Equipment height (excluding legs)	固定腿高度(mm) Fixed leg height	固定腿间隙(mm) Fixed leg gap	功率(kw) power	重量(kg) weight
DYWL500	5-10m³/h	500	1700	2800	740	500	400	0.75	550
DYWL600	10-30m³/h	600	1700	ZB00	760	500	500	0.75	600
DYWL700	3050m³/h	700	1700	2800	850	500	550	1.1	650
DYWL800	50-80m³/h	800	1700	2800	960	500	600	1.1	750
DYWL900	90-120m³h	900	1700	2800	1060	500	700	1.1	850
DYWL1000	120-150m³/h	1000	2500	3600	1170	600	700	15	980
DYWL1200	150-200m²h	1200	2500	3600	1420	600	750	15	1200
DYWL1500	200-300m³h	1500	2500	3600	1700	600	900	22	1350

砂水分离器/Roller Extruder

► 工作原理/Working Principle

砂水分离器的工作原理是基于物理原理,利用离心力和重力的作用将水中的杂质分离出来。砂水分离器的主要组成部分包括进水口、旋转筒、出水口、废渣口等。当水从进水口进入旋转筒时,由于旋转筒的高速旋转,水中的砂、泥、杂质等物质会受到离心力的作用,向旋转筒的外侧移动。而水分子则受到重力的作用,向旋转筒的中心移动,这样砂、泥、杂质等物质就会被分离出来,沉积在旋转桶底部形成废渣。The working principle of a sand water separator is based on physical principles, using centrifugal force and gravity to separate impurities from water. The main components of a sand water separator include an inlet, a rotating cylinder, an outlet, and a waste outlet. When water enters the rotating drum from the inlet, due to the high-speed rotation of the drum, substances such as sand, mud, and impurities in the water will be subjected to centrifugal force and move towards the outside of the rotating drum. And water molecules are subject to the action of gravity and move towards the center of the rotating drum, so that sand, mud, impurities and other substances will be separated and deposited at the bottom of the rotating drum to form waste residue.



旋流沉砂器 Cyclone Sand Sink

► 工作原理/Working Principle

旋流沉砂器是一种利用旋涡离心分离物料的设备,通过旋涡收缩、降速、分离和集中这四个步骤,将固体颗粒和液体实现了分离,特别适用于粒径较小、浓度较低的悬浮液体的固液分离。Cyclone sand separator is a device that uses vortex centrifugal separation to separate materials. Through four steps of vortex contraction, deceleration, separation, and concentration, solid particles and liquids are separated, making it particularly suitable for solid-liquid separation of suspended liquids with small particle size and low concentration.



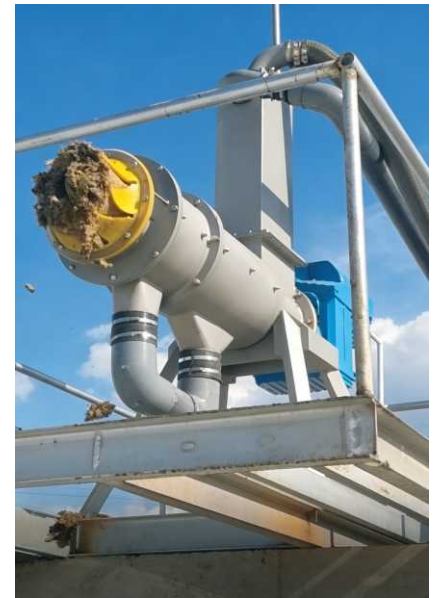
全不锈钢双网式固液分离机/All-stainless steel double-mesh solid-liquid separator

► 产品简介/product brief introduction

本设备是我公司融合欧洲同类机型的优点及先进的设计理念,结合我公司多年的实践经验研制而成,双段分级滤网,自动校正同心度,配备重工级的斜面硬齿轮减速机,定制扇形尼龙阻料板,具有出料效果好,性能稳定,使用寿命长,故障率低等特点,适合要求较高的养殖企业使用。This equipment is the result of our company's integration of the advantages of similar models in Europe and advanced design concepts, combined with our company's developed based on years of practical experience, this two-stage graded filter screen automatically corrects concentricity and is equipped with heavy-duty grade The inclined surface hard gear reducer and custom fan-shaped nylon material blocking plate feature excellent discharge effect and stable performance. It features a long service life and low failure rate, making it suitable for use in breeding enterprises with higher requirements.

► 产品用途/product use

该机可广泛做为猪、牛、鸡、马等养殖场对动物家禽粪便、沼渣沼液集中预处理;工业上对酒糟、药渣、淀粉渣、酱渣、屠宰厂、餐厨垃圾等高浓度有机污水的渣液分离有很好的效果。This machine can be widely used in pig, cattle, chicken, horse and other breeding farms for centralized pretreatment of animal and poultry manure, as well as biogas residue and liquid. It has a very good effect on the separation of residue and liquid in high concentration organic waste water such as distiller's grains, medicinal residues, starch residues, sauce residues, slaughterhouses and kitchen waste in industry.



实用性:该设备渣液分离速度快,经分离后的粪渣含水量在65-70%之间,出渣含水量可调整,可适用不同成份的饲料(如草及精饲料)。便于运输,其固粒物很适合作为鱼饲料和有机肥的原料等。

先进性:该设备去污能力强,无堵塞,清洗方便。经过处理的粪尿水含固率、化学耗氧量、总耗氧量、氮、磷的去除率可在70-95%之间。

耐用性:该机的筛网、蛟龙等不锈钢镀硬铬或碳化钨处理等制成,耐腐蚀、强度高,使用寿命长。

经济性:该机型自动化程度高,耗电量小,价格低。操作方便,只需按启动、停止按钮进行操作。

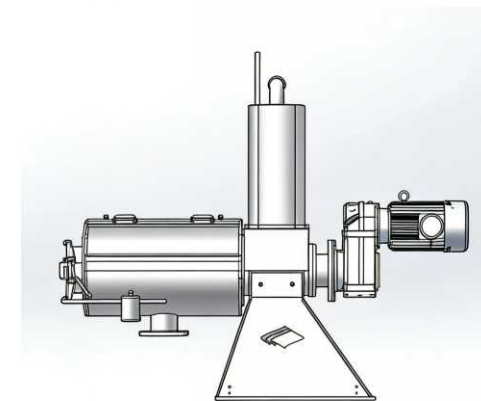
处理能力:物料含固率可处理的最大值SS=13-14%。

Practicality: This machine features a fast separation speed of residue and liquid. The moisture content of the separated manure residue is between 65% and 70%, and the moisture content of the discharged residue can be adjusted. It is suitable for different feed components (such as grass and concentrated feed). It is convenient for transportation, and its solid particles are very suitable as raw materials for fish feed and organic fertilizer, etc.

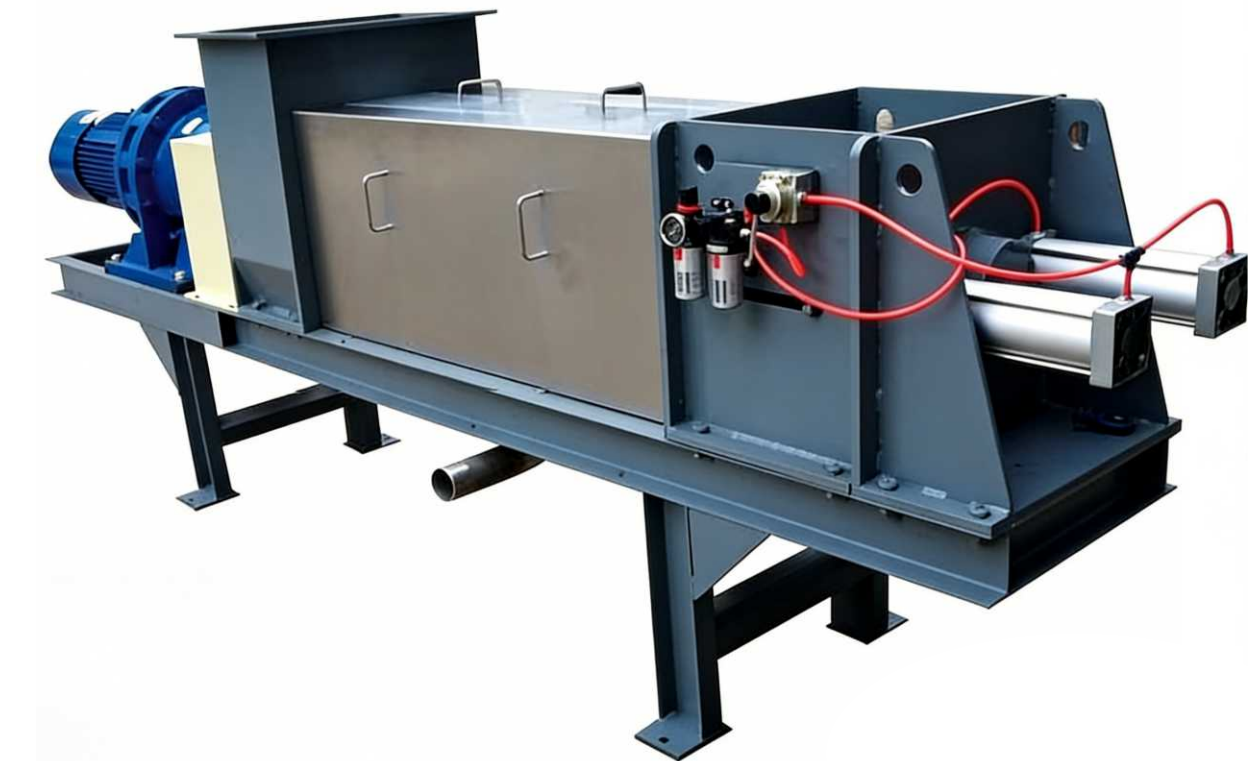
Progressiveness: This machine has strong decontamination ability, no clogging and is easy to clean. The removal rates of solid content, chemical oxygen demand, total oxygen demand, nitrogen and phosphorus in the treated fecal and urinary water can be between 70% and 95%.

Durability: The screen and dragon of this machine are made of stainless steel with hard chromium plating or tungsten carbide treatment, etc., which are corrosion-resistant, have high strength and a long service life.

Economic performance: This series features a high degree of automation, low power consumption and low price. The operation is convenient. Just press the start and stop buttons to operate.



二次牛粪脱水机/Secondary cow dung dehydrator



产品用途/product use

- 食品业酒渣、咖啡渣、中药渣、蔬果、菜渣、水产等加工挤压脱水。
- 食品加工、农产品加工、水产品加工、化工业、制浆造纸、纺织纤维、屠宰业。
- 纸浆污泥、染整纤维污泥、皮革污泥、城市下水道污泥、土木渣土、畜牧粪渣、屠宰业污泥…等脱水处理。
- Processing, extrusion and dewatering of food industry residues such as wine dregs, coffee dregs, Chinese medicine dregs, vegetable and fruit dregs, and aquatic products.
- Food processing, agricultural product processing, aquatic product processing, chemical industry, pulp and paper, textile fiber, slaughterhouse industry.
- Pulp sludge, dyeing and finishing fiber sludge, leather sludge, urban sewer sludge, construction waste, livestock manure residue, slaughterhouse sludge... Wait for dehydration treatment.

产品优势/Product advantages

- 设计清洗功能，滤网间歇式清洗及停机前清洗系统，降低滤网堵塞，清洗耗水量极少。
- 可间歇式或连续式运转，产能稳定，效能高，转速慢，动力消耗少。
- 同轴减速，直结式驱动设计，高扭力，低噪音，低震动，低能耗，操作费用低。
- 运用阿基米德螺旋原理，针对各种不同处理物性，设计出处理量大、效果稳定且渣滓含水率低之特殊组合螺杆。
- 螺杆外径采用碳化钨+镀硬铬处理，螺杆压缩比依物性设计其几何变化，挤压输送效率高，耐磨损，使用寿命长。
- Design a cleaning function, including intermittent cleaning of the filter screen and a pre-shutdown cleaning system, to reduce filter screen clogging and consume very little water for cleaning.
- It can operate intermittently or continuously, with stable production capacity, high efficiency, slow speed and low power consumption.
- Coaxial reduction, direct drive design, high torque, low noise, low vibration, low consumption, and low operating cost.
- By applying the Archimedes spiral principle, a special combination screw with large processing capacity, stable effect and low moisture content of the residue has been designed for various different properties of the treated substances.
- The outer diameter of the screw is treated with tungsten carbide and hard chromium plating. The compression ratio of the screw is designed with geometric changes based on physical properties, featuring high extrusion conveying efficiency, wear resistance and a long service life.

二次牛粪脱水机/Secondary cow dung dehydrator

设备参数/Equipment Parameter

型号 model	处理量(T/H)进料量/出渣量 Processing capacity	螺旋直径(mm) Spiral diameter	转速(r/min) Rotation speed	功率(KW) power	外形尺寸 长*宽*高 boundary dimension Length*width*height	重量(T) weight
DYZ-160T/Q	0.3-1.0/0.3	160	35	3.0	1900*420*800	0.45
DYZ-200T/Q	0.5-2/0.75	200	25	4.0	2500*550*900	0.55
DYZ-260T/Q	0.8-3/0.93	260	20	5.5	3100*650*980	0.70
DYZ-300T/Q/Y	1.5-4/1.4	300	16	7.5	3500*790*1220	1.0
DYZ-350T/Q/Y	3-8/2.0	350	16	15.0	3800*850*1350	1.5
DYZ-400Q/Y	5-13/2.5	400	10	18.5	4200*990*1420	2.0
DYZ-500Q/Y	8-18/3.3	500	9	22	5500*1200*1500	3.8
DYZ-630Y	15-35/4.2	630	9	45	6800*1350*1650	5.0
DYZ-800Y	25-50/7	800	7	75	7500*2200*2150	7.5

- 型号说明：D盾旗牌YZ压榨机200/260……螺旋直径，T弹簧压榨 Q气缸 Y液液压榨。
- 备注：处理量及含水率需视物性种类及进流浓度而有所不同。
驱动马力会根据物性种类及进流浓度不同而改变。
以上数据针对高纤维、高灰份渣滓物性。
- Model Description :D Shield Flag brand YZ Press 200/260……Screw diameter, T spring press, Q cylinder, Y hydraulic press.
- Note: The processing capacity and moisture content vary depending on the type of physical property and the influent concentration.
The driving horsepower will vary depending on the type of physical property and the concentration of the incoming flow. The above data are for the physical properties of high-fiber and high-ash residues



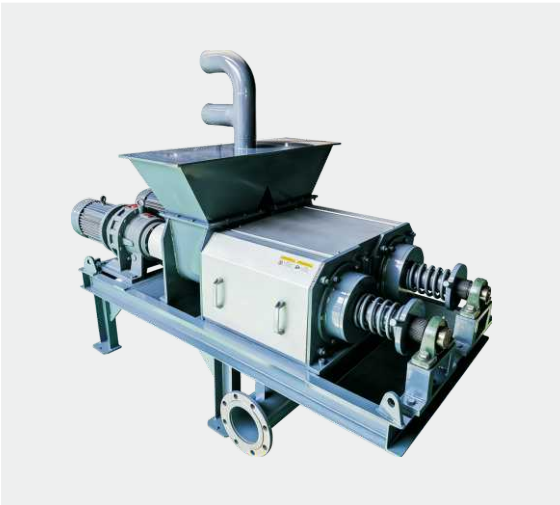
干湿分离机/Secondary cow dung dehydrator



► 工作原理/Working principle

用液下泵将原粪水提升至固液分离机内，挤压蛟龙将物料逐渐推向机体前方，不断提高前缘的压力，迫使物料中的水分在边压带滤的作用下挤出网筛。当压力大到一定程度时，截留在滤网内的滤渣会把卸料口顶开挤出卸料口，达到挤压出料的目的。固液分离机的工作是连续的，经螺旋挤压过滤分离出的废水可直接派送至沉淀池等。

The raw fecal water is lifted into the solid-liquid separator by a submersible pump. The squeezing screw gradually pushes the material towards the front of the machine body, continuously increasing the pressure at the front edge, forcing the water in the material to be squeezed out of the screen under the action of the side pressure belt filter. When the pressure reaches a certain level, the filter residue trapped in the filter screen will push open the discharge port and be squeezed out, achieving the purpose of squeezing out the material. The operation of the solid-liquid separator is continuous. The wastewater separated by screw extrusion filtration can be directly sent to sedimentation tanks and other places.



■ 设备参数/Equipment Parameter

处理能力(物料含固率可处理的最大值SS=13-14%.)Processing capacity (the maximum value of material solid content that can be processed is SS=13-14%.)									
型号 Model	功率(KW) power	输送泵配制 (kw) Preparation of conveying pump	处理量 (立方/小时) (4-15%含固量)Processing capacity (cubic/hour) (4-15% solid content)					备注 Remarks	物料类型Material type
			牛粪 Cow dung	猪粪 Pig manure	鸡粪 poultry dung	鸭粪 duck feces	沼液 Biogas liquid		
DGF-160T	3	1.5	1-3	1-3	1-3	1-3	1-3	根据情况 Customize the processing capacity according to the situation	原料存放时间和浓度 The storage time and concentration of raw materials will affect the actual processing capacity
DGF-200T	4	2.2	5-7	5-8	2-3	3-4	5-7		
DGF-240T	5.5	3.0	10-13	10-15	4-6	5-7	9-14		
DGF-280T	7.5	3.0	15-20	20-25	6-9	7-9	15-20		
DGF-320T	9.0	4.0	20-30	25-40	10-15	10-15	15-20		

注：分离后的固体部分和液体部分营养物质的含量会受分离前干物质含量和分离后固体部分中干物质含量的影响。

Note: The content of nutrient in the separated solid and liquid parts will be affected by the dry matter content before separation and the dry matter content in the solid part after separation.

高频筛式脱水机/High-frequency screen dehydrator

► 产品简介/product brief introduction

高频筛式固液分离机是我公司研发部门根据市场需求，结合物料特性及客户的反馈，精心研发出来的，有自主知识产权，投放市场后取得了良好的效果，是养殖污水固液分离中不可或缺的设备。高频筛通过电机驱动震动产生振动力，从而使筛面上的物料受到周期性的振动。这种振动作用导致物料在筛面上产生前后反复的移动，大小不同的颗粒在筛面上逐渐分离。在高频振动筛的作用下，液体能够通过筛孔落入下方的收集箱中，而较大或聚集的颗粒则被留在筛面上。截留的固体持续往前运动，落入螺旋压榨机中进一步压榨脱水，从而达到理想的干湿分离效果。高频筛式脱水机的过滤网采用316L的高通滤复合网，透水率高，精度50-150目可选，适用于一次固液分离之后的二次精滤脱水，极大的降低了污水中的含固率，有效减轻了下道水处理的负荷。

The high-frequency sieving solid-liquid separator is developed by our company's R&D department in response to market demands. It was carefully developed based on the characteristics of the materials and customer feedback, and has independent knowledge. The property rights have achieved good results after being put on the market, which is the solid-liquid separation of aquaculture wastewater and indispensable device.

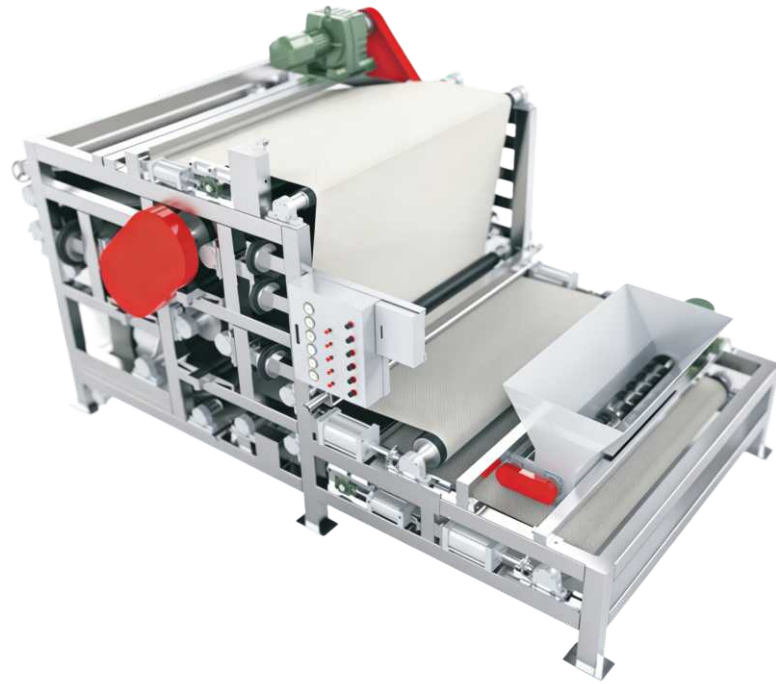
The high-frequency screen generates vibration force through motor-driven vibration, thereby causing the materials on the screen surface to vibrate periodically. This vibration effect causes the material to move back and forth repeatedly on the screen surface, and particles of different sizes gradually separate on the screen surface. Under the action of the high-frequency vibrating screen, the liquid can pass through the screen holes and fall into the collection box below, while larger or aggregated particles are left on the screen surface. The retained solids continue to move forward and fall into the screw press for further pressing and dewatering, thereby achieving the ideal dry-wet separation effect. The filter screen of the high-frequency screen dewatering machine adopts a 316L high-pass filter composite screen, which has a high water permeability rate and a precision of 50-150 mesh is available. It can be applied to the secondary fine filtration and dewatering after the first solid-liquid separation, greatly reducing the solid content in the sewage and effectively alleviating the load of the subsequent water treatment.



■ 设备参数/Equipment Parameter

	型号Model	DGPSF-280D(单层网)	DGPSF-280S(双层网)
	尺寸Dimensions (mm)	3450*1680*2400	3150*1680*2550
震动筛部分 Vibration s creen section	处理量processing capacity	最大处理量40/小时(根据物料浓度有所变化) Maximum processing capacity of 40/hour (varies depending on material concentration)	
	出料含水率Discharge moisture content	60%-70% SS去除率≥90%以上(根据物料浓度有所变化) 60% -70% SS removal rate ≥ 90% (varies depending on material concentration)	
	主体材质Main material	碳钢防腐(可选304或316材质), 304接水槽 Carbon steel anti-corrosion (optional 304 or 316 material), 304 water tank	
	滤网filter screen	多层316复合滤网, 150目(可匹配50-150目) Multi layer 316 composite filter screen, 150 mesh (can match 50-150 mesh)	
	配线箱Distribution box	304不锈钢、按钮起停、热机电保护、过载保护、缺相保护, 振动机变频调节 304 stainless steel, button start stop, thermal electromechanical protection, overload protection, phase loss protection, vibration machine frequency conversion adjustment	
	震动电机Vibration Motor	国标1.0KW震动电机2台 Two national standard 1.0KW vibration motors	国标1.5KW震动电机2台 Two national standard 1.5KW vibration motors
挤压部分 Squeezing part	绞龙auger	高锰钢制作, 特种耐磨合金喷涂 High manganese steel production, special wear-resistant alloy spraying	
	滤网filter screen	304不锈钢, 0.55mm缝隙 304 stainless steel, 0.55mm gap	
	电机motor	7.5KW国标电机 7.5KW national standard motor	
进出水口 inlet and outlet	法兰连接flange connection	进料口径DN80, 震动筛排水口DN150, 挤压机排水口径DN100 Inlet diameter DN80, vibrating screen outlet DN150, extruder outlet diameter DN100	

强力对辊压榨带式脱水机/Powerful double-roller pressing belt dehydrator



► 产品简介/product brief introduction

我公司在DY系列带机的基础上，研发出了强力对辊型压榨脱水机，该机具有自动化程度高、操作简单、处理量大、过滤效果好、劳动强度低等特点。广泛应用于高湿物料干燥前的脱水作业，如啤酒渣、农植物类、西兰花脱水、脐橙皮渣、甘蔗渣、豆腐渣、木渣、纸渣、浮萍、茶叶渣、中药提取尾渣、马蹄渣、食品果渣、木薯渣脱水等。

在牛粪垫料生产中作为二次压榨脱水设备，不破坏纤维长度，效果明显，取得了客户的好评。

Based on the DY series belt machine, our company has developed a powerful double-roller type press dewatering machine. This machine features high automation, simple operation, large processing capacity, good filtration effect and low labor intensity.

It is widely used in the dehydration operation of high-moisture materials before drying, such as beer dregs, agricultural plants, broccoli dehydration, navel orange peel dregs, sugarcane dregs, tofu dregs, wood dregs, paper dregs, duckweed, tea dregs, tail dregs from traditional Chinese medicine extraction, water chestnut dregs, food fruit dregs, cassava dregs dehydration, etc.

As a secondary pressing and dewatering equipment in the production of cow dung bedding, it does not damage the fiber length, has obvious effects, and has received high praise from customers.



强力对辊压榨带式脱水机 Powerful double-roller pressing belt dehydrator

强力对辊压榨带式脱水机/Powerful double-roller pressing belt dehydrator



■ DDY-2000系列带式密相脱水机参数/Parameters of the DDY-2000 series belt dense phase dehydrator

滤带宽度(m) Material type	重量 (t) Weight	主机功率(kw) Host power	处理量(m³/h) Processing capacity	滤饼含水率(%) Moisture content of the filter cake	外形尺寸(m) boundary dimension		
					长Length	宽width	高height
2	9	11	9-15	45-65	4.5	2.8	2.4

注：以上图片与参数仅供参考，请以实际订货时为准

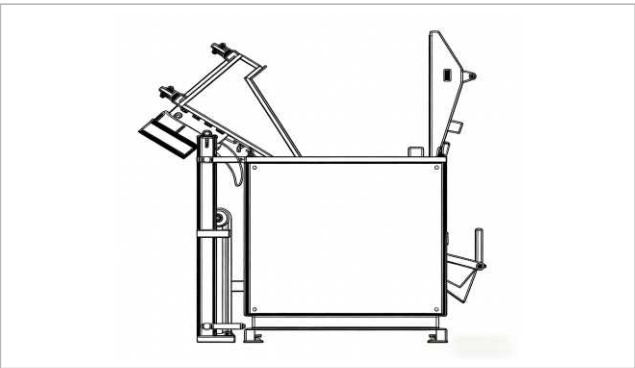
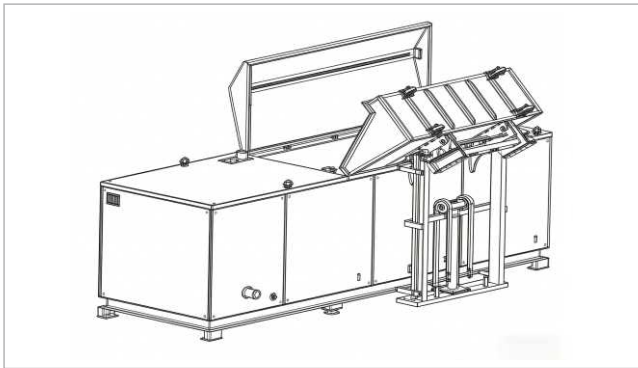
Note: The above pictures and parameters are for reference only. Please refer to the actual order time.

动物尸体无害化处理一体机/Integrated machine for harmless treatment of animal carcasses



► 适用范围/Scope of application

- 猪、牛、羊、马、鸡、鸭、鹅、兔等养殖企业。
- 动物尸体无害化处理中心。
- 屠宰单位。
- 动物园、试验检验单位。
- Pig, cattle, sheep, horse, chicken, duck, goose and livestock breeding enterprises.
- Animal Carcass Harmless Treatment Center.
- Slaughter unit.
- Zoos and testing and inspection units.



► 产品性能指标/Product performance indicators

- 产品一体化处理，废弃物的切割、搅碎、发酵、杀菌干燥均在密闭机器内24小时完成。
- 采用生物复合发酵菌对动物尸体进行粉碎发酵处理，通过加热导热油至100℃对发酵物进行高温杀菌，最高温度可达132℃,最快10小时将动物尸体降解为有机肥。
- 生产的有机肥有机质达到67%,总养分是普通有机肥的1.5倍。
- 采用机械料斗进行提升，切割刀体采用螺旋式结构，处理后的骨粒小于20mm。
- The product is processed inan integrated mammer.The cutting,crushing, fementation,sternization and drying of waste areal completed in aclosed machinewithin 24 hours,
- The animal carcasses are crushedand fermented by using biological compoundfementationbacteria.The fermented matenias are stenlizedat high temperature by heating the heat transfer ol to 100℃ .
- The maximum temperature can reach 132℃,and it candegrade arimal carcasses into organic ferthze in asfast as 10 hours.
- The organic matter content ofthe producedorganic fertilizer reaches 67%,an the totalnutients are 1.5 times that of ordinary organic fertilizer.
- The mechanicalhopperis usedforlifting,and the cuting knife body adopts aspralstructure.The processed bone particles areless than 20mm.

► 产品创新优势/Product innovation advantage

- 生物降解高温杀菌。
- 尸体有机物快速矿化和腐殖质化。
- 杀灭病原微生物和虫卵。
- 智能控制技术。
- 冷凝降温除湿除臭技术。
- 一体化设计。
- 多种加热方式。
- Biodegradable high-temperature stenilization.
- Rapid mineralization and humication of organicmatterin corpses.
- Kil pathogenic microorganismsand eggs.
- Intelligent control technology.
- Condensation cooling dehumidification and deodorization technokogy.
- Integrated design.
- Multiple heating methods.

产品运营成本/Product operating cost

- 1、专用菌成本：1公斤x50元/公斤=50元
- 2、处理时间：16-24小时
- 3、24小时耗电成本：180度x0.6元=108元
- 4、辅料：150-200KG 50元
- 5、人工工资：100元(3-5小时)
- 6、合计：308元
1. Specialized bacteria cost: 1 kilogram x50 yuan/kilogram =50 yuan
2. Processing time: 16- 24 hours
3. 24-hour power consumption cost: 180 KWH x0.6 yuan =108 yuan
4. Auxiliary materials: 150-200KG, 50 yuan
5. Labor wage: 100 yuan (3-5 hours)
- 6.Total: 308 yuan

动物尸体无害化处理一体机/Integrated machine for harmless treatment of animal carcasses

■ 产品配置及参数/Product configuration and parameters

产品型号	批处理量	单头处理最大重量	有效容积	批处理时间	电机功率	加热功率
Model number	Processing capacity	Maximumprocessingcapacity	Effective volume	Processing time	Motor power	Heatingpower
DWHC-6	0.3吨(t)	30KG	600L	12小时(h)	2.2kw	3*2kw
DWHC-13	0.6吨(t)	100KG	1200L	12小时(h)	3kw	3*3kw
DWHC-20	1吨(t)	300KG	2000L	12小时(h)	4kw	3*4kw
DWHC-26	1.2吨(t)	400KG	2600L	12小时(h)	5.5kw	3*4kw+3*4kw
DWHC-30	1.5吨(t)	450KG	3000L	12小时(h)	5.5kw	3*6kw+3*6kw
DWHC—40	2吨(t)	480KG	4000L	12小时(h)	15kw	3*4kw+6x6kw
DWHC—67	3吨(t)	500KG	6700L	12小时(h)	15kw	6*4kw+6*6kw

产品型号	耗电量环境温度25℃以上	最高使用温度	控制形式	适用范围	批次/运行成本
Model number	Powerconsumption	Maximumoperatingtemperature	Controlform	Scope ofapplication	Batch/Operating cost
DWHC-6	90-100℃	130	PLC+触摸屏自动控制 PLC+touch screen automatic control	鸡鸭鹅chickens, ducks, and geese	90元/批
DWHC-13	120-140℃	130		羊sheep	170元/批
DWHC-20	160-180℃	130		猪pig	250元/批
DWHC-26	180-200℃	130		猪pig	300元/批
DWHC-30	200-220℃	130			350元/批
DWHC—40	600℃	130			400元/批
DWHC—67	600-650℃	140		牛cattle	600元/批

► 收入/Income

- 1、副产品，有机肥料550公斤x1元=550元
- 2、政府补贴：1吨按10头计算，每头猪补助80元，合计800元
- 3、合计收入550+800=1350元
- 4、毛利润1350-308元=1042元

- 1.By-product, organic fertilizer, 550 kilograms x1 yuan =550 yuan
2. Government subsidies: One ton is calculated based on 10 pigs, with a subsidy of 80 yuan per pig.The total is 800 yuan.
- 3.The total income is 550+800= 1,350 yuan
4. Gross profit: 1,350 -308 yuan = 1,042 yuan



有机垃圾微生物处理大型设备/Large-scale equipment for microbial treatment of organic waste

► 产品简介/product brief introduction

有机垃圾微生物处理大型设备是我公司研发生产的集高效环保、智能化为一体的全自动微生物处理设备，处理量最高可达10吨，广泛适用于城镇居民小区、农村、企事业单位、食堂等产生大量有机垃圾的场所。

The large-scale microbial treatment equipment for organic waste is a fully automatic microbial treatment device developed and produced by our company, integrating high efficiency, environmental protection and intelligence. The maximum processing capacity can reach 10 tons, and it is widely applicable to urban residential areas, rural areas, enterprises and institutions, canteens and other places that generate a large amount of organic waste.

► 产品优势/Product advantages

设备优势:全自动控制,具备一键式操作功能,通过液晶显示屏操作,可自由切换手动与自动模式,垃圾就地化处理,合理化功率,节能式运行,节约人力物力。

资源化利用:产物为生物有机肥,符合国际有机肥标准,可循环利用于种植业,改善土壤环境。

无害化处理:高效降解家禽粪便等有机废弃物。无臭气排放处理,不产生有毒有害物质,不会对环境造成二次污染。

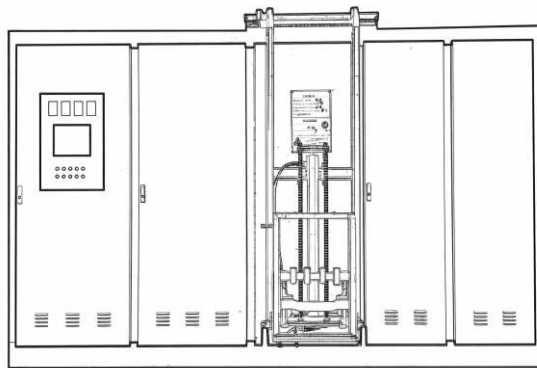
Equipment advantages: Fully automatic control, with one-click operation function, operated through the LCD screen, can freely switch between manual and automatic modes, on-site garbage treatment, rational power consumption, energy-saving operation, saving human and material resources.

Resource utilization: The product is bio-organic fertilizer, which meets international organic fertilizer standards and can be recycled in the planting industry to improve the soil environment.

Harmless treatment: Efficiently degrade organic waste such as poultry manure. There is no odor emission treatment, no toxic or harmful substances are produced, and it will not cause secondary pollution to the environment.

► 设备工艺流程/Equipment process flow

- **自动上料:** 人员将垃圾桶推至指定位置,电脑控制提升机进行自动上料,确保操作人员安全。
- **垃圾破碎脱水(预处理):**通过提升机等装置把垃圾倒入设备中,经过破碎机破碎后进入发酵仓发酵处理。
- **特制发酵仓,配合微生物高效发酵:**双发酵仓体的设计使发酵过程中搅拌更为均匀且受力更加分散,确保发酵效果与安全,发酵仓内物料在低温好氧条件下,经微生物快速发酵,发酵处理24小时后,即为有机肥料。设备发酵仓整体采用304不锈钢,使用寿命可达十五年。
- **智能液晶屏幕控制,一键式操作功能:**设备采用智能化控制系统,通过液晶显示屏可对处理过程中任何一步骤进行设定,并且具有一键式操作功能,全流程由设定的程序自动完成,可进行手动切换。
- **自动出料:** 点击出料按键,通过搅拌轴的反转程序,完成自动出料。
- **Automatic feeding:** Personnel push the trash can to the designated position, and the computer controls the elevator to perform automatic feeding to ensure the safety of the operators.
- **Garbage crushing and dewatering (pre-treatment):** Garbage is poured into the equipment through devices such as elevators. After being crushed by a crusher, it enters the fermentation tank for fermentation treatment.
- **The specially designed fermentation chamber, in combination with efficient microbial fermentation:** The design of the double fermentation chamber makes the stirring more uniform and the force more dispersed during the fermentation process, ensuring the fermentation effect and safety. The materials in the fermentation chamber are rapidly fermented by microorganisms under low-temperature and aerobic conditions. After 24 hours of fermentation treatment, they become organic fertilizers. The entire fermentation chamber of the equipment is made of 304 stainless steel, and its service life can reach fifteen years.
- **Intelligent LCD screen control, one-click operation function:** The equipment adopts an intelligent control system. Through the LCD screen, any step in the processing can be set, and it has a one-click operation function. The entire process is automatically completed by the set program and can be manually switched.
- **Automatic discharging:** Click the discharging button, and through the reverse rotation program of the stirring shaft, the automatic discharging is completed.



► 机垃圾微生物处理垃圾类别

The category of organic waste treated by microorganisms

餐厨废弃物、园林绿化垃圾、动物内脏、农业废弃物、可腐烂垃圾等。
Kitchen waste, garden and greenery waste, animal offal, agricultural waste, biodegradable waste, etc.

牛床垫料再生系统/Cattle mattress feed regeneration system

► 产品简介/product brief introduction

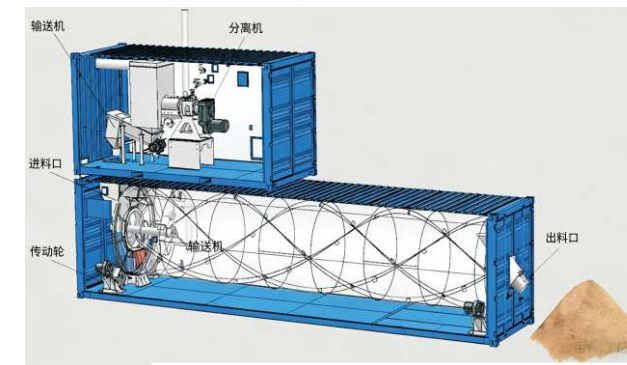
牛床垫料再生系统是一种从牛粪中分离出未消化的纤维物质做成有机垫料的高效系统,该系统是由一台螺旋挤压式固液分离机和一台不锈钢滚筒组成,集成安装在撬装里,设备安装方便,操作简单,故障率低;该设备每天可生产的垫料最高达48立方米。

The cow bedding regeneration system is an efficient system for separating undigested fiber substances from cow manure to make organic bedding. This system consists of a screw extrusion solid-liquid separator and a stainless steel drum, which are integrated and installed in a skid. The equipment is easy to install, simple to operate and has a low failure rate. This equipment can produce up to 48 cubic meters of bedding materials per day at most.

► 产品用途/product use

牛床是奶牛长时间生活之处,奶牛大部分时间喜欢躺在牛床上。奶牛每天有12~13个小时的时间是用来进行趴卧的,有35~175分钟站立在牛床上。奶牛喜欢在松软处卧息反刍,不喜欢在硬质地面休息,所以地面质量的好坏,不仅能影响舍内小气候和卫生状况,而且影响奶牛的休息和反刍,以及生产性能,将奶生全部限制在水泥地面的环境下,能改变奶牛的社会行为,干扰奶牛的休息行为及延长奶牛站立时间;奶牛感觉舒适则能增强健康,增加产奶量和生产寿命,究其原因则是改善了动物的福利。

that it improves the welfare of the animals. The cow bed is where cows live for a long time. Most of the time, cows like to lie on the cow bed. Cows spend 12 to 13 hours each day lying prone and 35 to 175 minutes standing on the crib. Cows prefer to rest and ruminate on soft ground rather than on hard ground. Therefore, the quality of the ground not only affects the microclimate and hygiene conditions in the shed, but also influences the rest and rumination of cows as well as their production performance. Confining all dairy cows to a cement ground environment can change the social behavior of cows, interfere with their rest behavior and prolong their standing time. If the milk producers feel comfortable, it can enhance their health, increase milk production and production lifespan. The reason for this is that it improves the welfare of the animals.



自动泡药机/Automatic medicine brewing machine



► 产品信息/Product Overview

该设备结合了干粉投加装置, 进水单元, 溶液槽, 自动液位控制仪四个功能, 集自动配料、溶解、投加为一体, 将粉末状的絮凝剂溶解成絮凝剂溶液。This equipment combines four functions: dry powder dosing device, water inlet unit, solution tank, and automatic liquid level controller. It integrates automatic batching, dissolution, and dosing, dissolving powdered flocculant into flocculant solution.

► 适用范围/Applications

全自动泡药机适用于溶解和连续添加药剂的工艺流程。常见的应用包括市政或工业废水的絮凝处理、污泥脱水过程中的絮凝剂泡制、饮用水净化处理、化工、造纸、冶金行业的废水处理的领域。The fully automatic chemical dissolving machine is suitable for processes involving the dissolution and continuous addition of chemicals. Common applications include flocculation treatment of municipal or industrial wastewater, flocculant preparation during sludge dewatering, purification treatment of drinking water, and wastewater treatment in the chemical, paper, and metallurgical industries.

► 产品特点/Product Features

精度可调: 全自动泡药机药剂投加量精确可调, 保证投料均匀、分散, 保证处理效果, 避免浪费。全自动控制: 该设备配备液位监测、报警等自动系统, 确保整个系统全自动运行, 提高操作效率, 减少手动干预, 节省人工。环保耐用: 该设备采用坚固耐用的结构设计, 全不锈钢壳体, 抗腐蚀性良好, 维护简单, 这确保了设备的质量可靠和长期使用。并且主电机采用变频电机, 以降低能耗和运营成本。Adjustable accuracy: The automatic medicine-soaking machine allows for precise adjustment of the dosage, ensuring uniform and dispersed feeding, maintaining treatment effectiveness, and preventing waste. Fully automatic control: This equipment is equipped with automatic systems such as liquid level monitoring and alarming, ensuring fully automatic operation of the entire system, improving operational efficiency, reducing manual intervention, and saving labor. Environmentally friendly and durable: This equipment features a sturdy and durable structural design, with an all-stainless-steel casing that exhibits good corrosion resistance and is easy to maintain. This ensures the quality reliability and long-term use of the equipment. Additionally, the main motor utilizes a variable frequency motor to reduce energy consumption and operating costs.



PAC全自动加药装置/PAC Automatic Dosing Device

■ 产品规格/Product specifications

型号 Model	泡药能力(L/h) medication soaking ability	外观尺寸Overall Dimensions(mm)			总功率total power (kW)	重量Weight (kg)	
		L	W	H		空载no-load	运行run
DYJY-500	500	1000	1030	1600	1.87	400	1500
DYJY-1000	1000	1845	1100	1750	2.62	450	2000
DYJY-1500	1500	2065	1100	1750	2.62	550	2650
DYJY-2000	2000	2340	1300	1800	2.62	750	3200
DYJY-3000	3000	2740	1500	1900	3.67	850	3680
DYJY4000	4000	3350	1846	1758	3.67	950	4800
DYJY-5000	5000	3350	1846	1950	3.67	1010	5000
DYJY-6000	6000	3350	1846	2100	6.67	1120	6200

- 上述处理量为参考值, 详情请在选择时咨询我公司
- 自动泡药机的材质为304不锈钢/PP 材质
- 上述规格型号在变更时不预先通知, 所有机型以最新发布的型号为准
- The aforementioned processing capacity is a reference value. For details, please consult our company during model selection
- The material of the automatic medicine-brewing machine is 304 stainless steel/PP material
- The specifications and models mentioned above are subject to change without prior notice, and all models are subject to the latest released models



PAM全自动一体化加药装置/PAM Automatic Integrated Dosing Device

自动泡药机通过各个溶液槽分级逐步完成泡药。溶液槽之间隔离, 保证每个溶液槽内的最佳反应时间和恒定浓度, 自动控制系统与存储槽上的液位控制器相连, 一旦液位达到低位, 机器会自动打开进水电磁阀, 启动干粉机投加干粉凝剂。当液位达到最高点时, 设备会自动停止进水和加药。The automatic medicine soaking machine completes the soaking process step by step through various solution tanks. The solution tanks are isolated to ensure the optimal reaction time and constant concentration within each tank. The automatic control system is connected to the liquid level controller on the storage tank. Once the liquid level reaches the low point, the machine will automatically open the inlet solenoid valve and start the powder machine to add powder coagulant. When the liquid level reaches the highest point, the equipment will automatically stop water intake and dosing.



板式可清洗过滤器/Washable Plate Filter

► 产品特性/Product Features

- 可拆卸外框设计
- 可清洗优质滤料 (建议清洗2-3次)
- 容尘量高
- 高强度
- 板式可清洗过滤器采用轻便的板式结构, 优质聚酯合成纤维, 初阻力低, 防火性能好
- Detachable frame design
- High-quality washable filter media (recommended cleaning 2-3 times)
- High dust holding capacity
- High strength and durability
- Lightweight plate structure, made with high-quality polyester synthetic fibers, low initial pressure drop, and excellent fire resistance

► 产品应用/Product Applications

- 空调与通风系统的预过滤, 避免系统内部积灰污染
- 大型空压机过滤
- 洁净室集中通风空调系统和回风过滤, 延长后级高效过滤器的使用寿命
- 普通工业厂房的通风系统, 达到对空气的一般洁净需求
- 一般建筑大楼空调之粗尘过滤系统
- Pre-filtration in HVAC systems to prevent dust contamination within the system
- Filtration for large industrial air compressors
- Return air filtration and pre-filtration in cleanroom ventilation systems, prolonging the lifespan of high-efficiency filters
- Ventilation systems that meet basic air quality standards in standard industrial buildings
- Coarse dust filtration for HVAC systems in general commercial buildings



► 结构说明/Structure Description

- 采用板式铝合金框架, 配ABS塑料角或者铝合金角, 结构平稳, 外框可拆卸设计, 方便更换滤料达到重复利用的目的。
- 采用过滤网加强筋, 进一步增强了过滤器坚固性。
- 滤料为优质的聚酯合成纤维, 可清洗再利用。蓬松紧密的纤维结构, 保证了较大的容尘量, 从而寿命增长。
- Plate-type aluminum alloy frame with ABS or aluminum alloy corners ensures a stable structure and easy filter media replacement for reuse.
- Mesh strengthening supports further improve the filter's sturdiness.
- High-quality polyester synthetic fiber media is washable and reusable, with a dense and fluffy structure that increases dust capacity and extends service life.

► 效率/Efficiency

G2, G3, G4, F5 (EN779)

■ 产品规格/Product specifications

名义尺寸 Nominal Size	实际尺寸 Actual Size	效率 Efficiency	额定风量 Rated Airflow	不同风量下的初阻力 Initial Pressure Drop under Different Airflow			建议终阻力 Recommended Final Pressure Drop
(英寸/Inch)	(mm)	En779	(m³/h)	(Pa)			(Pa)
WxHxD				70%	100%	120%	初阻力 2-2.5倍 2-2.5*Initial Pressure Drop
12x24x2	290x595x46	G2	1700	45	70	100	
20x24x2	490x595x46	G2	2800	45	70	100	
24x24x2	595x595x46	G2	3400	45	70	100	
12x24x2	290x595x46	G3	1700	65	95	135	
20x24x2	490x595x46	G3	2800	65	95	135	
24x24x2	595x595x46	G3	3400	65	95	135	
12x24x2	290x595x46	G4	1700	85	130	175	
20x24x2	490x595x46	G4	2800	85	130	175	
24x24x2	595x595x46	G4	3400	85	130	175	
12x24x2	290x595x46	G5	1700	100	140	205	
20x24x2	490x595x46	G5	2800	100	140	205	
24x24x2	595x595x46	G5	3400	100	140	205	

备注:①性能初阻力公差为+10%②可提供特殊尺寸制作 Note: ①. Initial pressure drop tolerance is +10%; ②Custom sizes available upon request

板式过滤器/Plate-Type Closed Filter

► 产品特性/Product Features

- 容尘量高
- 低阻力
- 容尘量高
- 板式可清洗过滤器采用轻便的板式结构, 优质聚酯合成纤维, 初阻力低, 防火性能好
- High dust holding capacity
- High strength and durability
- Lightweight plate structure, made with high-quality polyester synthetic fibers, low initial pressure drop, and excellent fire resistance

► 产品应用/Product Applications

- 空调与通风系统的预过滤, 避免系统内部积灰污染
- 大型空压机过滤
- 洁净室集中通风空调系统和回风过滤, 延长后级高效过滤器的使用寿命
- 普通工业厂房的通风系统, 达到对空气的一般洁净需求
- Pre-filtration in HVAC systems to prevent dust contamination within the system
- Filtration for large industrial air compressors
- Return air filtration and pre-filtration in cleanroom ventilation systems, prolonging the lifespan of high-efficiency filters
- Ventilation systems that meet basic air quality standards in standard industrial buildings



► 结构说明/Structure Description

- 采用板式铝合金框架, 配ABS塑料角或者铝合金角, 结构平稳。
- 采用覆网的聚酯纤维滤料, 使产品有更低的阻力和更大的容尘量。
- Plate-type aluminum alloy frame with ABS or aluminum alloy corners ensures a stable structure.
- Incorporates mesh-coated polyester fiber filter media for reduced resistance and increased dust capacity.

► 效率/Efficiency

G2, G3, G4, F5 (EN779)

■ 产品规格/Product specifications

名义尺寸 Nominal Size	实际尺寸 Actual Size	效率 Efficiency	额定风量 Rated Airflow	不同风量下的初阻力 Initial Pressure Drop under Different Airflow			建议终阻力 Recommended Final Pressure Drop
(英寸/Inch)	(mm)	En779	(m³/h)	(Pa)			(Pa)
WxHxD				70%	100%	120%	初阻力 2-2.5倍 2-2.5*Initial Pressure Drop
12x24x2	290x595x46	G2	1700	25	40	55	
20x24x2	490x595x46	G2	2800	25	40	55	
24x24x2	595x595x46	G2	3400	25	40	55	
12x24x2	290x595x46	G3	1700	35	55	70	
20x24x2	490x595x46	G3	2800	35	55	70	
24x24x2	595x595x46	G3	3400	35	55	70	
12x24x2	290x595x46	G4	1700	40	60	75	
20x24x2	490x595x46	G4	2800	40	60	75	
24x24x2	595x595x46	G4	3400	40	60	75	

备注:①性能初阻力公差为+10%②可提供特殊尺寸制作 Note: ①. Initial pressure drop tolerance is +10%; ②Custom sizes available upon request

板式可清洗过滤器/Washable Plate Filter

产品特性/Product Features

- 坚固的金属框架结构
- 优质无蓬松多层的合成纤维滤纸
- Durable metal frame structure
- High dust-holding capacity, low resistance
- Premium multi-layer synthetic fiber filter paper with no fluff
- Ultrasonic seamless bag structure
- 高容尘量，低阻力
- 超声波无缝密合袋结构

产品应用/Product Applications

- 空调与通风系统的预过滤，避免系统内部积灰污染
- 大型空压机过滤
- 洁净室集中通风空调系统和回风过滤，延长后级高效过滤器的使用
- 普通工业厂房的通风系统，达到对空气的一般洁净需求
- 一般建筑大楼空调之粗尘过滤系统
- Pre-filtration in HVAC systems to prevent dust contamination within the system
- Filtration for large industrial air compressors
- Return air filtration and pre-filtration in cleanroom ventilation systems, prolonging the lifespan of high-efficiency filters
- Ventilation systems that meet basic air quality standards in standard industrial buildings
- Coarse dust filtration for HVAC systems in general commercial buildings

结构说明/Structure Description

- 坚固防漏的框架结构。采用双层U型铝合金外框架，袋子由一个锁在U型框架内的支撑格栅撑开，与相邻的格栅将袋口紧密压住，并以特制硅胶密封，防止过滤器在搬运和使用过程中袋子脱落损坏。过滤器内有金属加强内卷，可以避免在过滤器安装和更换过程中划伤人使操作既简易又安全。
- Robust, leak-proof frame structure. It features a double-layer U-shaped aluminum alloy outer frame. The bag is supported by a grid that locks securely within the frame, and the opening is tightly sealed by adjacent grids and a special silicone gasket to prevent the bag from detaching or becoming damaged during handling and use. Additionally, the filter includes a metal-reinforced inner roll that helps avoid accidental scratches during installation and replacement, making the process safer and easier.



- 优质聚松的合成纤维滤料。滤料采用进口合成纤维滤纸，滤料由四层不同的无纺布经特殊工艺处理，形成加密的结构，从而使过滤器能达到高容尘量低阻力。而滤料中的针刺层和撒纤层也保证了滤料的过滤效率。
- High-quality polyester synthetic fiber. It uses imported synthetic fiber filter paper, processed through a special technique to form a dense structure with four layers of different nonwoven fabrics. This design enables the filter to achieve high dust-holding capacity with low resistance. The needled layer and fiber scattering layer within the media further ensure excellent filtration efficiency.
- 超声波无缝密合技术。超声波缝合技术，将袋子三面缝合，并在框架背面的拐角处以胶水剂密封，确保过滤器在恶劣的工作环境中亦不至破损。滤袋采用加强格栅，将袋子分成均匀横向的气流通道，使袋子可以最大限度的膨胀，从而使气流可以均匀的通过，大大提高了滤料的有效使用面积，增大了过滤器的容尘量，也降低了过滤器的压力。
- Ultrasonic seamless welding technology. Ultrasonic welding technology is used to seal the filter bag on three sides, with adhesive sealing the corners at the back of the frame for extra durability in tough conditions. The bag is supported by a reinforced grid, dividing it into even airflow channels, which helps the bag expand fully. This design improves the uniformity of airflow, increases the filter’s effective surface area, raises its dust-holding capacity, and reduces the overall pressure drop.

产品规格/Product specifications

名义尺寸	实际尺寸	袋数	涂料面积	额定风量	额定初阻力							建议终阻力	
Nominal Size	Actual Size	Number of Bags	Filter Media Area	Rated Airflow	Rated Initial Pressure Drop							Recommended Final Pressure Drop	
(英寸/Inch)	(mm)	个(PCS)	m³	(m³/h)	(Pa)							(Pa)	
WxHxD					G3	G4	F5	F6	F7	F8	F9	G3-G4	F5-F9
24x24x25	292x592x635	8	6.60	3400	37	45	55	58	90	95	125	250	450
20x24x25	490x592x635	6	4.94	5850	37	45	55	58	90	95	125	250	450
20x20x25	490x490x635	5	3.50	2300	38	47	55	58	90	95	125	250	450
12x24x25	287x592x635	4	3.30	1700	38	48	55	58	90	95	125	250	450
24x24x22	592x592x550	8	5.68	3400	40	49	60	65	100	115	135	250	450
20x24x22	490x592x550	6	4.26	2850	40	49	60	65	100	115	135	250	450
20x20x22	490x490x550	5	3.02	2300	42	50	60	65	100	115	135	250	450
12x24x22	490x592x550	4	2.84	1700	42	50	60	65	100	115	135	250	450
24x24x15	592x592x381	8	3.86	3400	45	58	70	75	110	120	145	250	450
20x24x15	490x592x381	6	2.90	2850	46	60	70	75	110	120	145	250	450
20x20x15	490x490x381	5	2.06	2300	46	60	70	75	110	120	145	250	450
12x24x15	287x592x381	4	1.94	1700	46	60	70	75	110	120	145	250	450

备注:①性能初阻力公差为+10%②可提供特殊尺寸制作 Note: ①. Initial pressure drop tolerance is +10%; ② Custom sizes available upon request

玻纤袋式过滤器/Fiberglass Bag Filter

产品特性/Product Features

- 坚固的全金属框架结构
- 优化的V型滤袋结构，阻力低，使用寿命长
- 超细玻璃纤维喷湿滤料整个使用周期内效率稳定
- Sturdy all-metal frame construction
- Optimized V-shaped bag structure, low resistance, and long service life
- Fine glass fiber spray media ensures stable efficiency throughout the service life

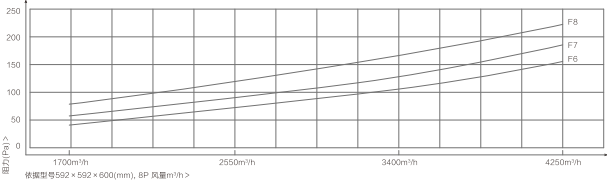


产品应用/Applications

- F6为商业和工业用通风空调系统的主过滤器，洁净室用通风空调系统的预过滤器
- F7、F8为商用、工业用、洁净室用通风空调系统的主过滤器
- F6: Primary filter for commercial and industrial HVAC systems; pre-filter for cleanroom HVAC systems
- F7, F8: Main filters for commercial, industrial, and cleanroom HVAC systems

初阻力—风量关系曲线图

Initial Pressure Drop vs. Airflow Curve



结构说明/Structure Description

- 框架采用镀锌钢板或铝型材外框
- 框架内采用镀锌钢板加强筋支撑，每一个滤袋都配一副加强筋，确保不会掉袋
- 滤料为熔喷超细玻璃纤维滤料，“V”型滤袋结构，确保利用更大的有效过滤面积，使用寿命长
- 最大允许终阻力为600Pa
- The frame is made of galvanized steel plate or aluminum profile
- The frame is reinforced with tin-plated steel support ribs, with each filter bag supported by a rib to ensure secure bag placement
- The filter media consists of melt-blown ultra-fine glass fiber, with a “V”-shaped bag design that maximizes effective filtration area and ensures long service life
- The maximum allowable final pressure drop is 600 Pa

效率/Efficiency

- F6、F7、F8 (EN779)

产品规格/Product specifications

实际尺寸 (mm)	袋数	涂料面积	效率	额定风量	不同风量下的初阻力			
Actual Size	Number of Bags	Filter Media Area	Efficiency	Rated Airflow	Initial Pressure Drop under Different Airflow			
	个(PCS)	m³		(m³/h)	(Pa)			
WxHxD					50%	75%	100%	125%
592x592x600	8	6	F6	3400	43	72	110	154
490x592x600	6	4.5	F6	2800	43	72	110	154
287x592x600	4	3.1	F6	1700	43	72	110	154
490x490x600	6	3.8	F6	2380	43	72	110	154
592x592x600	8	6	F7	3400	58	93	138	191
490x592x600	6	4.5	F7	2800	58	93	138	191
287x592x600	4	3.1	F7	1700	58	93	138	191
490x490x600	6	3.8	F7	2380	58	93	138	191
592x592x600	8	6	F8	3400	80	120	169	224
490x592x600	6	4.5	F8	2800	80	120	169	224
287x592x600	4	3.1	F8	1700	80	120	169	224
490x490x600	6	3.8	F8	2380	80	120	169	224

备注:①性能初阻力公差为+10%②可提供特殊尺寸制作 Note: ①. Initial pressure drop tolerance is +10%; ② Custom sizes available upon request

金属网过滤器/Metal Mesh Filter

产品特性/Product Features

- 可拆卸外框设计
- 外框采用铝合金框架
- 可清洗铝网,使用寿命长
- 阻力低
- Removable frame design
- Aluminum alloy frame construction
- Washable aluminum mesh for long service life
- Low resistance

产品应用/Applications

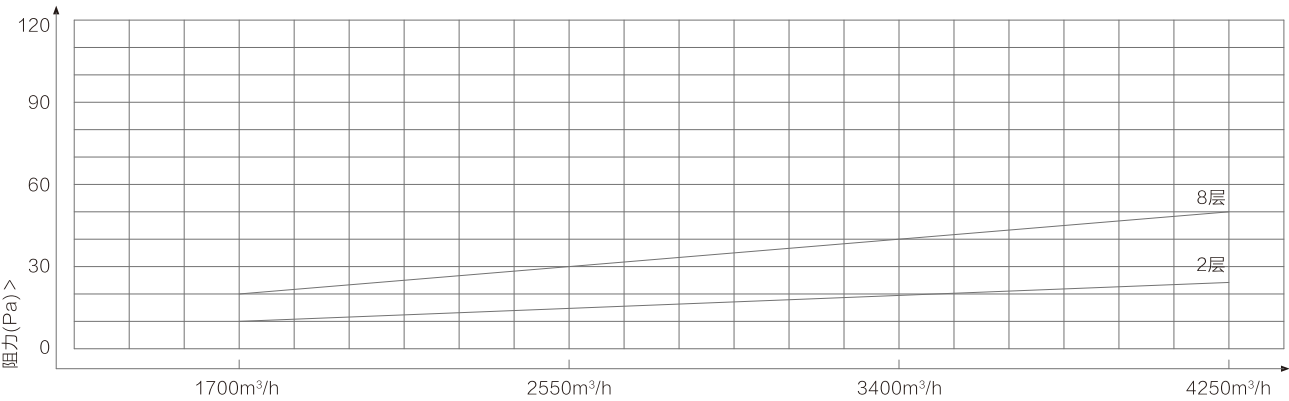
- 一般建筑大楼空调之粗尘过滤系统
- 工业级空气通风设备之初级过滤
- 要求耐酸碱,强度高,耐高温的通风系统
- 汽车总装车间的喷蜡房过滤
- 油/油脂分离器,除油烟机
- 配静电过滤器
- Coarse dust filtration for HVAC systems in commercial buildings
- Primary filtration in industrial air ventilation systems
- Ventilation systems requiring acid, alkali, high-strength, and high-temperature resistance
- Filtration for automotive waxing rooms in assembly lines
- Oil mist separators and range hood filters
- With electrostatic filtration systems

产品规格/Product specifications

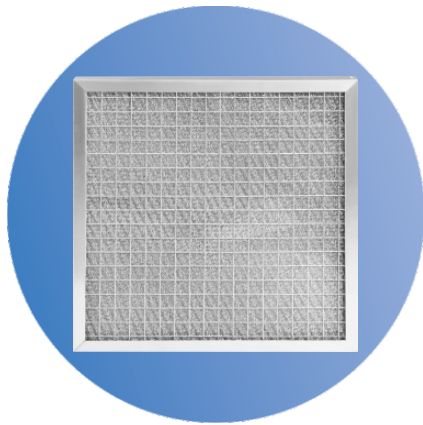
外型尺寸 Dimensions	额定风量 Rated Airflow	额定初阻力 Rated Initial Pressure Drop
mm)	(m³/h)	(Pa)
WxHxD		
290x595x20	1700	20
595x595x20	3400	20
290x595x46	1700	40
595x595x46	3400	40

备注:可接受非标定制 Note: Custom sizes available upon request

初阻力—风量关系曲线图/Initial Pressure Drop vs. Airflow Curve



依据型号595 × 595 × 46(mm), 28对应三种金属层 风量m³/h >



结构说明/Structure Description

- 全金属过滤器采用多层扩张网或不锈钢网为过滤器的专用滤材,经碾压成波浪形,以正确的角度彼此交叉叠合排列而成。
- 多层折金扩张网或不锈钢网是以不同的密度,孔径由粗到细的排列,使空气通过滤网时多次改变流动方向,增大其集尘能力及效率。
- 阻力低,使用寿命长,可反复清洗,经济性极高。
- 全铝质滤网或不锈钢滤网均具安全、坚固、耐高温、耐酸碱之特性。
- Made with multi-layer expanded metal or stainless steel mesh, the all-metal filter is shaped into waves and arranged in precise overlapping layers to ensure solid, effective filtration.
- The layers feature a range of pore sizes, from coarse to fine, causing the airflow to change direction multiple times as it passes through, which enhances dust collection and filtration performance.
- The filter offers low resistance, a long lifespan, and can be easily cleaned and reused, making it very cost-efficient.
- Both aluminum and stainless steel options provide strong, durable construction and are resistant to high temperatures, acids, and alkalis.

有隔板系列亚高效/高效/Baffle Series – Medium/High-Efficiency Filters

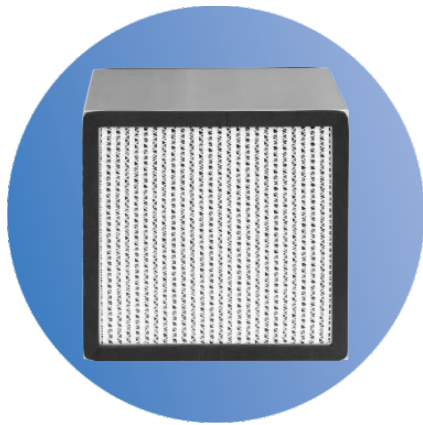
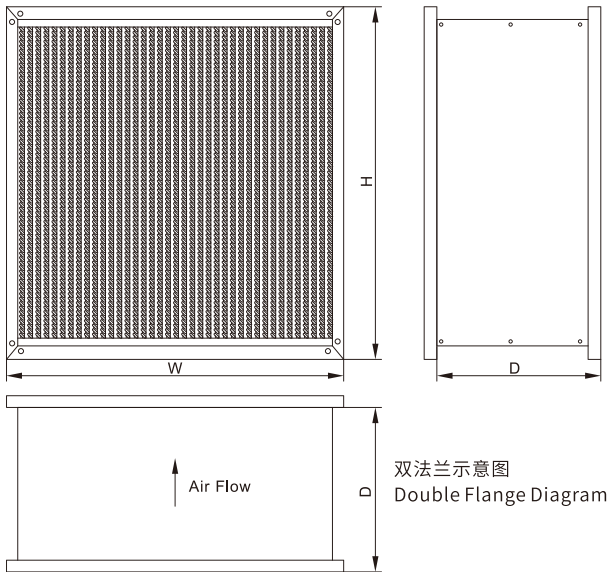
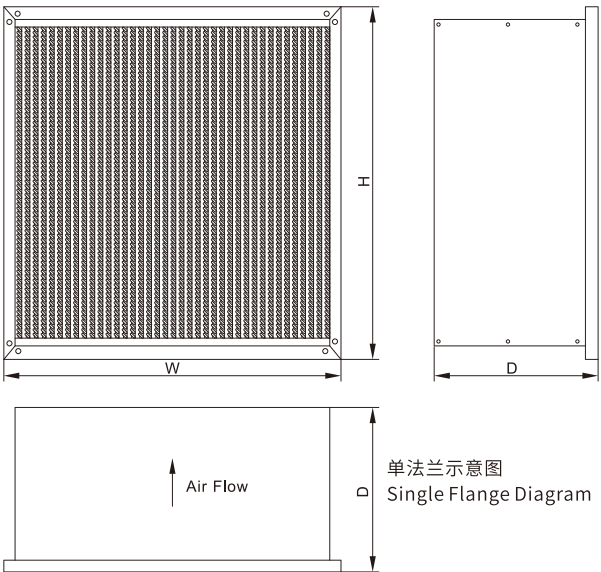
产品特性/Product Features

- 铝隔板,框架可提供无法兰、单法兰、双法兰、法兰厚度20mm
- 采用超细玻璃纤维滤纸
- 有隔板设计,效率高,阻力低,容尘量大
- 适用于变风量系统
- Aluminum separators; frame available with no flange, single flange, double flange, or flange thickness of 20mm
- Made with ultra-fine glass fiber filter paper
- Separator design for high efficiency, low resistance, and high dust holding capacity
- Suitable for variable air volume (VAV) systems

产品应用/Applications

- 洁净室用,商业及工业用通风空调系统的中效过滤器
- 高湿度环境的通风空调系统
- 变风量的通风空调系统
- 安装空间紧张的通风空调系统
- 防火要求高或通风温度较高的通风空调系统
- 广泛应用于洁净室及其他对空气洁净度有严格要求的领域
- Medium-efficiency filters for cleanrooms, commercial, and industrial HVAC systems
- HVAC systems in high humidity environments
- HVAC systems with variable air volume (VAV)
- HVAC systems with limited installation space
- HVAC systems requiring high fire safety standards or high ventilation temperatures
- Widely used in cleanrooms and other environments with strict air cleanliness standards

产品结构说明/Product Structure Description



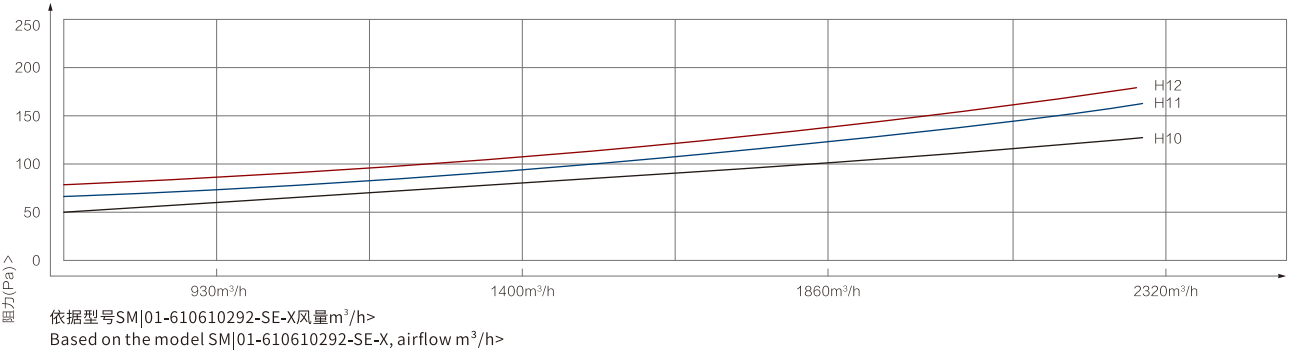
产品效率/Efficiency

- 中效:F6/F7/F8/F9 (EN779)
- 亚高效:85%@0.3μm (H10) 95%@0.3μm (H11) 99.5%@0.3μm (H12) (EN1822)
- 高效:99.95%@0.3μm (H13) 99.995%@0.3μm (H14) (EN1822)
- Medium Efficiency: F6/F7/F8/F9 (EN779)
- High-Medium Efficiency: 85% @ 0.3μm (H10), 95% @ 0.3μm (H11), 99.5% @ 0.3μm (H12) (EN1822)
- High Efficiency: 99.95% @ 0.3μm (H13), 99.995% @ 0.3μm (H14) (EN1822)

有隔板系列亚高效/高效/Baffle Series – Medium/High-Efficiency Filters

▶ 亚高效有隔板过滤器型号及参数/Medium Efficiency Filter with Separator - Modes and Specifications

初阻力—风量关系曲线图/Initial Pressure Drop vs. Airflow Curve



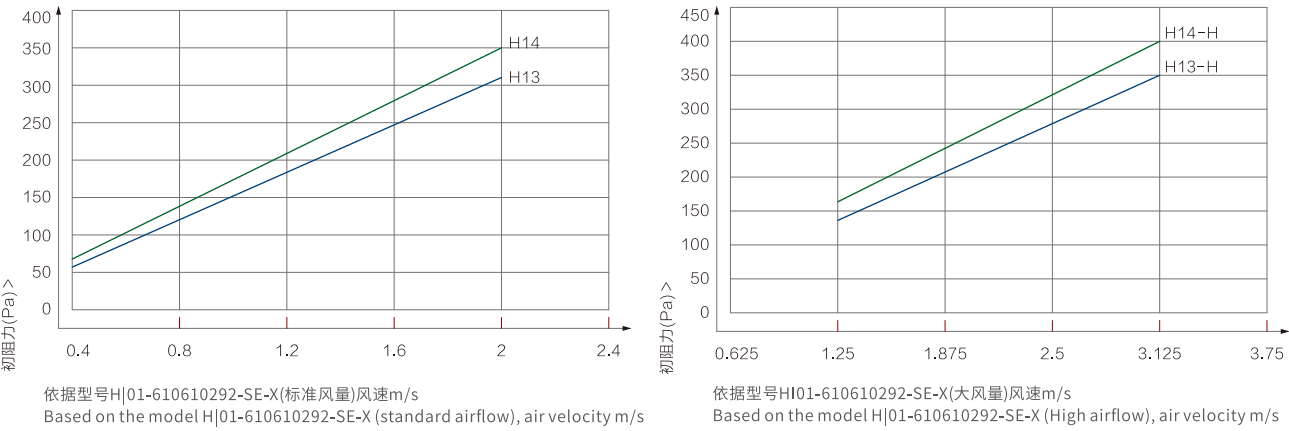
■ 产品规格/Product specifications

名义尺寸 Nominal Size	实际尺寸 Actual Size	隔板 Separator	法兰 Flange	额定风量 Rated Airflow	面风速 Face Velocity	额定初阻力 Rated Initial Pressure Drop			建议终阻力 Recommended Final Pressure Drop
(英寸/Inch)	(mm)			(m³/h)	(m/s)	(Pa)			(Pa)
WxHxD						H10	H11	H12	
12x24x3	305x610x80	铝隔板 Aluminum Separator	无法兰 No Flange	200	0.36	100	130	140	450
24x24x3	610x610x80			420	0.36	100	130	140	450
12x24x6	305x610x150			420	0.77	100	130	140	450
24x24x6	610x610x150			900	0.77	100	130	140	450
12x24x9	305x610x220			650	1.20	100	130	140	450
24x24x9	610x610x220			1400	1.20	100	130	140	450
12x24x12	305x610x292			860	1.60	100	130	140	450
24x24x12	610x610x292			1860	1.60	100	130	140	450

备注:①性能初阻力公差为+10%②可提供特殊尺寸制作 Note: ①. Initial pressure drop tolerance is +10%; ②Custom sizes available upon request

▶ 高效有隔板过滤器型号及参数/High-Efficiency Filter with Separator - Modes and Specifications

初阻力—风量关系曲线图/Initial Pressure Drop vs. Airflow Curve



有隔板系列亚高效/高效/Baffle Series – Medium/High-Efficiency Filters

■ 产品规格: 高效有隔板过滤器-标准风量/Product Specifications: High-Efficiency Filter with Separator - Standard Airflow

名义尺寸 Nominal Size	实际尺寸 Actual Size	隔板 Separator	法兰 Flange	额定风量 Rated Airflow	面风速 Face Velocity	额定初阻力 Rated Initial Pressure Drop		建议终阻力 Recommended Final Pressure Drop
(英寸/Inch)	(mm)			(m³/h)	(m/s)	(Pa)		(Pa)
WxHxD						H13	H14	
12x24x3	305x610x80	铝隔板 Aluminum Separator	无法兰 No Flange	200	0.36	249	280	初阻力 2-2.5倍 2-2.5*Initial Pressure Drop
24x24x3	610x610x80			420	0.36	249	280	
12x24x6	305x610x150			420	0.77	249	280	
24x24x6	610x610x150			900	0.77	249	280	
12x24x9	305x610x220			650	1.20	249	280	
24x24x9	610x610x220			1400	1.20	249	280	
12x24x12	305x610x292			860	1.60	249	280	
24x24x12	610x610x292			1860	1.60	249	280	

■ 产品规格: 高效有隔板过滤器-大风量/Product Specifications: High-Efficiency Filter with Separator - High Airflow

名义尺寸 Nominal Size	实际尺寸 Actual Size	隔板 Separator	法兰 Flange	额定风量 Rated Airflow	面风速 Face Velocity	额定初阻力 Rated Initial Pressure Drop		建议终阻力 Recommended Final Pressure Drop
(英寸/Inch)	(mm)			(m³/h)	(m/s)	(Pa)		(Pa)
WxHxD	WxHxD					H13	H14	
12×24×3	305x610x80	铝隔板 Aluminum Separator	无法兰 No Flange	400	0.60	249	280	初阻力 2-2.5倍 2-2.5*Initial Pressure Drop
20×24×3	610x610x80			800	0.60	249	280	
12×24×6	305x610x150			550	1.00	249	280	
24×24×6	610x610x150			1170	1.00	249	280	
12×24×9	305x610x220			850	1.55	249	280	
24×24×9	610x610x220			1820	1.55	249	280	
12×24×12	305x610x292			1120	2.00	249	280	
24×24×12	610x610x292			2400	2.00	249	280	

■ 产品规格: 高效有隔板过滤器-大风量低压损

Product Specifications: High-Efficiency Filter with Separator - High Airflow, Low Pressure Drop

名义尺寸 Nominal Size	实际尺寸 Actual Size	隔板 Separator	法兰 Flange	额定风量 Rated Airflow	面风速 Face Velocity	额定初阻力 Rated Initial Pressure Drop		建议终阻力 Recommended Final Pressure Drop
(英寸/Inch)	(mm)			(m³/h)	(m/s)	(Pa)		(Pa)
WxHxD	WxHxD							
12×24×12	305x610x292	铝隔板 Aluminum Separator	无法兰 No Flange	1700	2.90	330	380	初阻力 2-2.5倍 2-2.5*Initial Pressure Drop
24×24×12	610x610x292			3400	2.90	330	380	

备注:①性能初阻力公差为+10%②可提供特殊尺寸制作 Note: ①. Initial pressure drop tolerance is +10%; ②Custom sizes available upon request



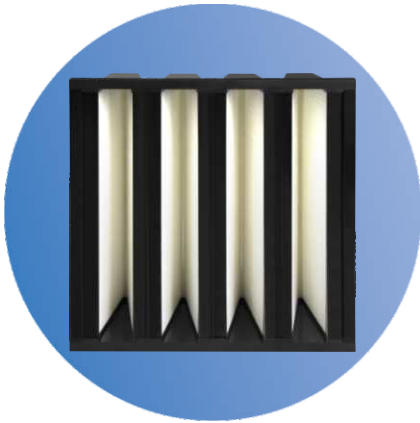
V型组合式过滤器(大风量过滤器)/V-Shaped Combined Filter (High Airflow Filter)

产品特性/Product Features

- V型低压损型滤网
- 无隔板设计, 玻璃纤维滤纸
- 容尘量高, 使用寿命长
- 结构坚固, 确保乱流条件下性能良好
- 可提供单法兰、无法兰
- 聚丙烯外框可完全焚烧废弃处理
- V-shaped filter mesh with low pressure drop
- No separator design, using glass fiber filter paper
- High dust holding capacity and long service life
- Sturdy construction to ensure good performance under turbulent conditions
- Available with single flange or no flange options
- Polypropylene frame is fully incinerable for disposal

产品应用/Applications

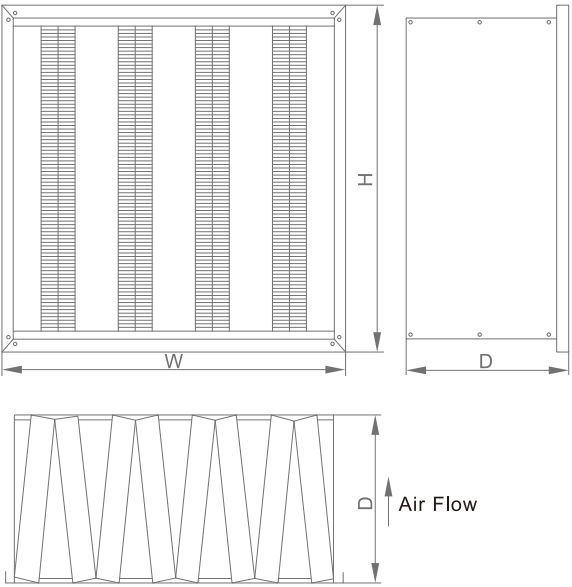
- 洁净室用, 商业及工业用通风空调系统的中效过滤器
- 高湿度环境的通风空调系统
- 变风量的通风空调系统
- 安装空间紧张的通风空调系统
- 广泛应用于洁净室及其他对空气洁净度有严格要求的领域
- Medium-efficiency filters for cleanrooms, commercial, and industrial HVAC systems
- HVAC systems in high humidity environments
- HVAC systems with variable air volume (VAV)
- HVAC systems with limited installation space
- Widely used in cleanrooms and other environments with strict air cleanliness standards



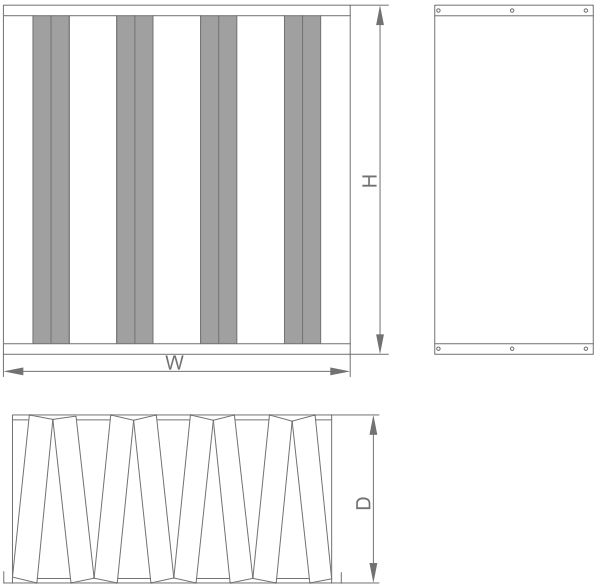
产品效率/Efficiency

- F6、F7、F8、F9、H10、H11、H12、H13、H14

产品结构说明/Product Structure Description



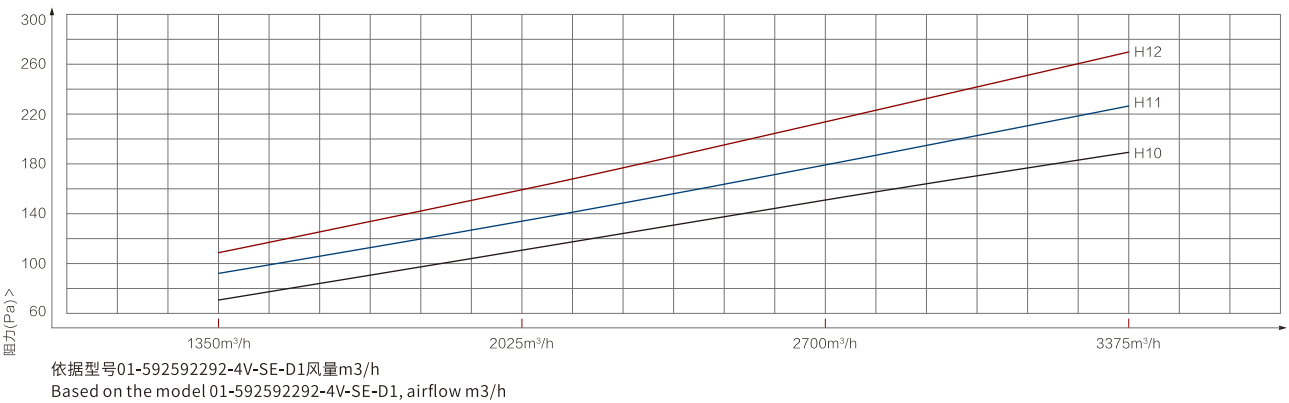
单法兰示意图
Single Flange Diagram



双法兰示意图
Double Flange Diagram

V型组合式过滤器/V-Shaped Combined Filter

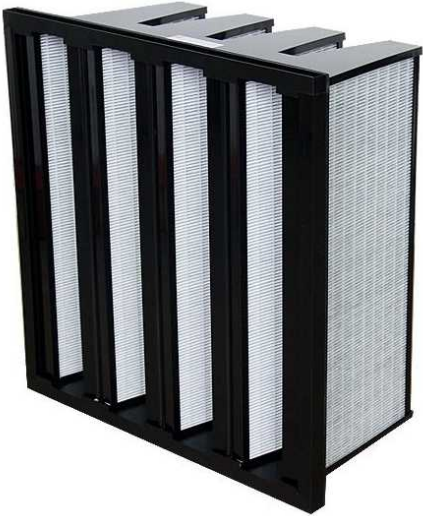
初阻力—风量关系曲线图/Initial Pressure Drop vs. Airflow Curve



产品规格/Product specifications

名义尺寸 Nominal Size	实际尺寸 Actual Size	滤块 Filter Block	法兰 Flange	额定风量 Rated Airflow	面风速 Face Velocity	额定初阻力 Rated Initial Pressure Drop			建议终阻力 Recommended Final Pressure Drop
(英寸/Inch)	(mm)	V	(无 / 单) (No/Single)	(m³/h)	(m/s)	(Pa)			(Pa)
WxHxD	WxHxD					H7	H8	H9	
12x24x12	287x592x292	2V	无法兰 / 钣金框 No Flange Sheet Metal Frame	1200	2.5	150	180	215	450
24x12x12	592x287x292	4V		1200	2.5	150	180	215	450
24x20x12	592x490x292	4V		2200	2.5	150	180	215	450
24x24x12	592x592x292	4V		2700	2.5	150	180	215	450

备注:①性能初阻力公差为+10% Note: ①. Initial pressure drop tolerance is +10%



高效无隔板过滤器/High-Efficiency Filter with No Separator

产品特性/Product Features

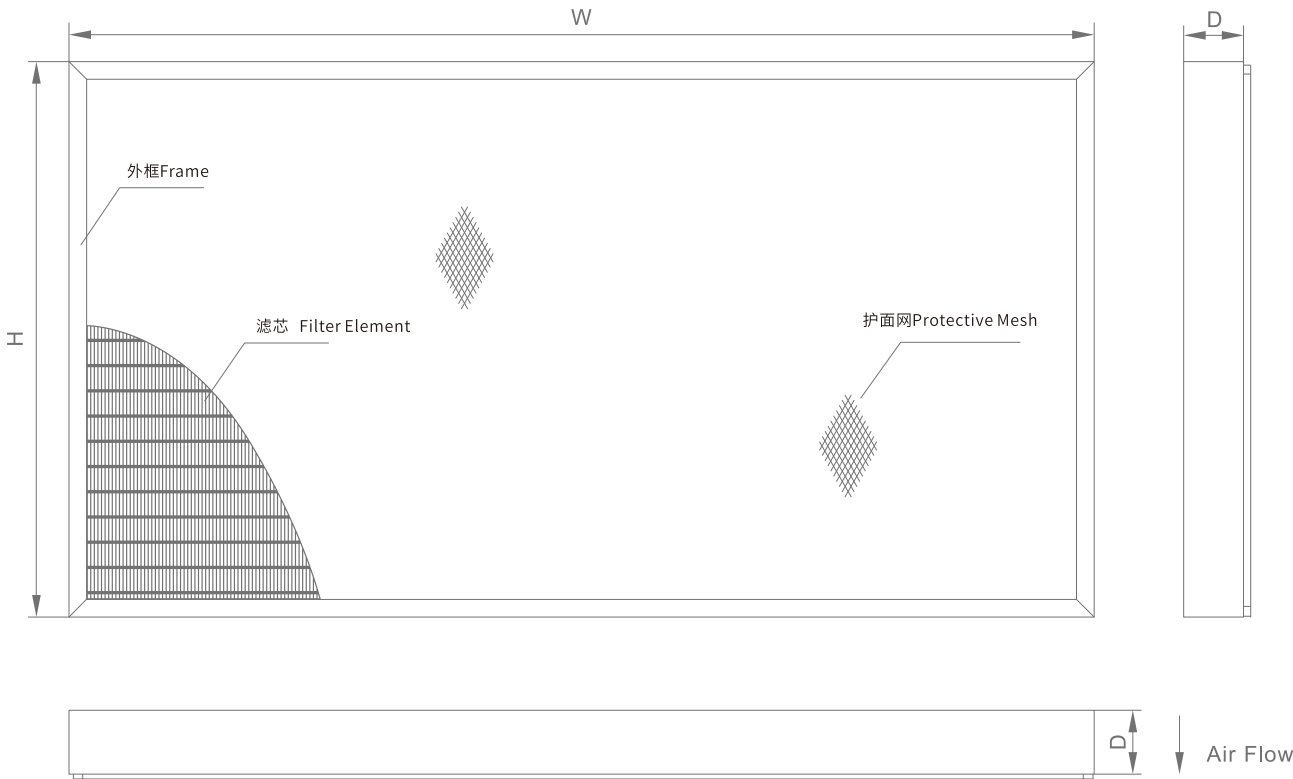
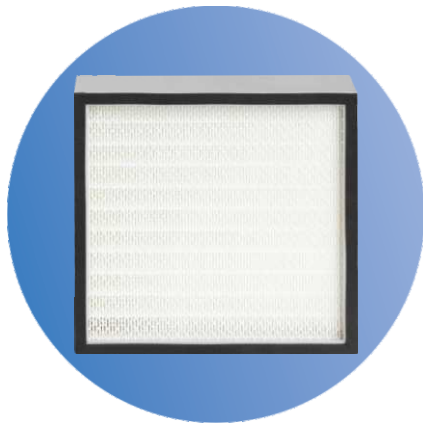
- 无隔板设计以降低运行成本
- 应用范围广，结构紧凑，节省仓储空间
- 超薄设计，节省安装空间
- No-separator design to reduce operational costs
- Wide application range, compact structure, saves storage space
- Ultra-thin design and space-saving

产品应用/Applications

- 洁净室用，商业及工业用通风空调系统的中效过滤器
- 高湿度环境的通风空调系统
- 变风量的通风空调系统
- 安装空间紧张的通风空调系统
- Medium-efficiency filters for cleanrooms, commercial, and industrial HVAC systems
- HVAC systems in high humidity environments
- HVAC systems with variable air volume (VAV)
- HVAC systems with limited installation space

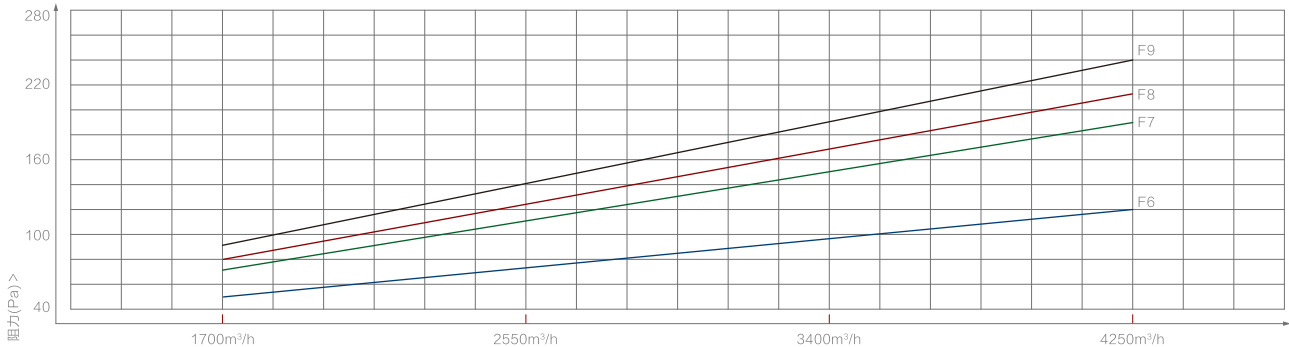
产品效率/Efficiency

- F6、F7、F8、F9 (EN779) H10 H11 H13 H14



高效无隔板过滤器/High-Efficiency Filter with No Separator

初阻力—风量关系曲线图/Initial Pressure Drop vs. Airflow Curve



产品规格/Product specifications

名义尺寸	实际尺寸	护面网	额定风量	面风速	额定初阻力				建议终阻力
Nominal Size	Actual Size	Protective Mesh	Rated Airflow	Face Velocity	Rated Initial Pressure Drop				Recommended Final Pressure Drop
(英寸/Inch)	(mm)		(m³/h)	(m/s)	(Pa)				(Pa)
W×H×D	W×H×D				F6	F7	F8	F9	
24×12×2	610×305×50	无 / 单面 / 双面护面网 No/Single-sided/Double-sided	350	0.6	90	110	122	145	300
24×24×2	610×610×50		700	0.6	90	110	122	145	300
24×12×3	610×305×70		600	1.0	90	110	122	145	300
24×24×3	610×610×70		1200	1.0	90	110	122	145	300
24×12×3	610×305×80		700	1.15	90	110	122	145	300
24×24×3	610×610×80		1400	1.15	90	110	122	145	300
12×12×4	289×289×95		600	2.5	100	147	169	190	350
24×12×4	594×289×95		1300	2.5	100	147	169	190	350
24×12×4	492×492×95		1900	2.5	100	147	169	190	350
24×24×4	594×594×95		2800	2.5	100	147	169	190	350
24×12×4	592×287×100		1300	2.5	100	147	169	190	350
24×24×4	592×592×100		2800	2.5	100	147	169	190	350

备注:①性能初阻力公差为+10%②可提供特殊尺寸制作 Note: ①. Initial pressure drop tolerance is +10%; ②Custom sizes available upon request

可更换高效送风口/Replaceable High-Efficiency Air Inlet

► 产品特性/Product Features

- 可更换式结构
- 机械密封, 液槽密封2种选择, 密封性能更好
- 可满足现场PA测试
- 通用性强
- Replaceable structure
- Mechanical seal, with two options for liquid groove sealing for better sealing performance
- Meets on-site PA testing requirements
- Highly versatile

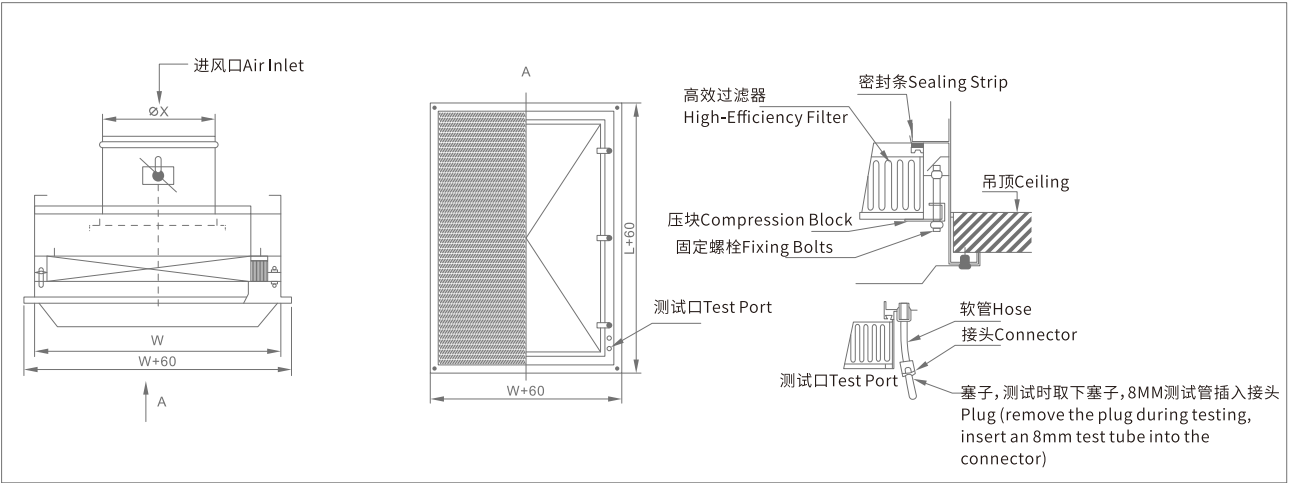
► 产品应用/Applications

- 专业应用于电子行业, 光伏太阳能行业, 食品行业等实验室或洁净室内; 医院手术室或制药厂等
- Specially used in laboratories or clean rooms in industries such as electronics, photovoltaic solar energy, and food; Used in hospital operating rooms or pharmaceutical factories

► 产品效率/Efficiency

99.99%@0.3μm (H13) 、99.999%@0.3μm (H14)

► 产品结构说明/Product Structure Description



► 材质表Material Specifications

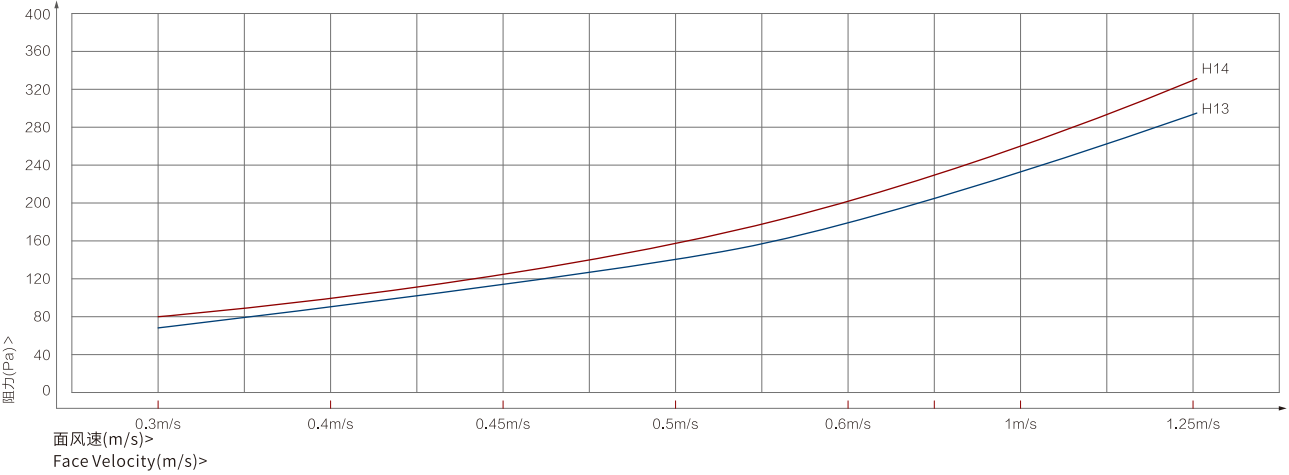
箱体/Housing	喷塑冷轧钢板/Powder-coated cold-rolled steel sheet
进风圈/Air Inlet Ring	喷塑冷轧钢板/Powder-coated cold-rolled steel sheet
均流板/Current Board	喷塑冷轧钢板孔板/Powder-coated cold-rolled steel perforated plate
压块/Compression Block	镀锌钢板/Galvanized steel sheet
护面网/Protective Mesh	喷塑铝板孔板/喷塑冷轧钢板孔板/不锈钢(SUS304) / Powder-coated aluminum perforated plate / Powder-coated cold-rolled steel perforated plate / Stainless Steel (SUS304)
调节阀/Regulating Valve	冷轧板喷涂/Powder-coated cold-rolled steel sheet
保温棉/Insulation Cotton	PE
高效过滤器/High-Efficiency Filter	见高效过滤器样本/Refer to the high-efficiency filter sample

► 适用条件/Applicable Conditions

最高温度(°C)/Maximum Temperature(°C)	80(176F)
最高湿度(% RH)/Maximum Temperature(% RH)	100

可更换高效送风口/Replaceable High-Efficiency Air Inlet

■ 初阻力—风量关系曲线图/Initial Pressure Drop vs. Airflow Curve



■ 进风圈及调节阀高度表/Air Inlet Ring and Regulating Valve Height Table

风口直径 Air Duct Diameter	风圈标准高度 Standard Height of Air Inlet Ring	调节阀标准高度 Standard Height of Regulating Valve
(mm)	(mm)	(mm)
φ250	60	230
φ300	60	280
φ350	60	330
φ450	60	430

■ 产品规格/Product specifications

过滤器尺寸 Filter Size	箱体尺寸(顶送风) Housing Size (Top Supply)	箱体尺寸(侧送风) Housing Size (Side Supply)	额定风量 Rated Airflow	圆形接口尺寸 Round Inlet Size	方形接口尺寸 Square Inlet Size	过滤器初阻 Initial Pressure Drop	
LxWxH(mm)	LxWxH(mm)	LxWxH(mm)	(m3/h)	(mm)		H13(Pa)	H14(Pa)
340×340×70	410×410×280	410×410×450	500	250	(mm)	280	300
340×340×90	410×410×300	410×410×450			200×200	250	270
484×484×70	554×554×280	554×554×450	1000	300		280	300
484×484×90	554×554×300	554×554×450			300×200	250	270
610×610×70	680×680×280	680×680×450	1500	350		280	300
610×610×90	680×680×300	680×680×450			400×200	250	270
870×570×70	940×640×280	940×640×450	2000	350		249	280
870×570×90	940×640×300	940×640×450			500×200	220	250
1170×570×70	1240×640×280	1240×640×450	2500	φ300*2个/		249	280
1170×570×90	1240×640×300	1240×640×450		φ450*1个	630×200	220	250
1260×610×70	1290×680×280	1290×680×450	3000	φ300*2个/		249	280
1260×610×90	1290×680×300	1290×680×450		φ450*1个	630×250	220	250

过滤袋/Filter Bag



产品信息/Product Overview

过滤袋是一种层叠过滤形式，整个滤层深度方向由纤维形成三维立体疏松多孔的结构，由内及外从疏松到致密，形成梯度过滤，可以提高液体通量和杂质容纳能力。针刺毡表面经过烧毛、压光等工艺处理，避免纤维脱落，防止二次污染。

The filter bag is a type of stacked filtration, where the filter layer forms a three-dimensional, loose, porous structure made of fibers. The structure is denser on the inside and gradually becomes looser on the outside, creating a gradient filter that improves liquid throughput and impurity holding capacity. The needle-punched felt surface is treated with processes such as singeing and calendaring to prevent fiber loss and eliminate the risk of secondary contamination.

产品规格/Product specifications

材质 Material	最高工作温度(°C) Max. Operating Temperature(°C)	精度 Accuracy
聚丙烯(PP)	90	0.5-600 u m
聚酯(PE)	150	
尼龙(NMO)	190	
聚四氟(PTFE)	300	



型号 Model	尺寸 size	最大流量 (m3/h) Max. Flow Rate	过滤面积(m²) Filtration Area	最大压差 Max. Differential Pressure (Mpa)	建议清洗更换压差 Suggested Cleaning/Replacement Pressure Differential (Mpa)
1#	Ø180x450mm	20	0.24	2.5 bar	0.8-1.5 bar
2#	Ø180x810mm	40	0.48		
3#	Ø108x230mm	6	0.09		
4#	Ø108x380mm	12	0.16		
5#	Ø152x520mm	12	0.18		

广泛的化学兼容性，可满足各种工艺要求；
Broad chemical compatibility to meet various process requirements.

楔形滤网/Wedge wire filter

结构原理/Structural Principle

楔形滤网是由楔形(V型)表面丝和支撑筋电阻焊机组成。是一种用于筛分、过滤的金属网状结构的过滤元件，其机械强度高，不堵塞表面，开孔面积大，可以反冲洗，无运行成本，免维修，可减少停机时间。
Wedge wire filters are made of wedge-shaped (V-shaped) surface wires and support ribs welded by resistance welding. This metal mesh structure is used for screening and filtering. The filter features high mechanical strength, a surface that does not clog, large open area, and can be backwashed. It incurs no operating costs, requires no maintenance, and significantly reduces downtime.

产品特点/Product Features

- 1、无阻塞，V型筛条形成楔形缝隙，保证其不堵塞。
- 2、开孔面积大，其各种规格的V型丝径供选择。水流效率高。
- 3、易清洗，表面物可以利用刮刀式或钢刷等反吹方式清除杂物。
- 4、压损小，机械性能高，抗磨损。
- 5、高精度筛缝，自动焊接保证其筛缝度均匀。
1. The V-shaped bars create wedge-shaped gaps that prevent clogging.
2. The filter offers a large open area, and you can choose from various V-wire diameters to optimize water flow efficiency.
3. It is easy to clean, and surface debris can be removed using scraper-style or steel brush backflushing.
4. The filter has low pressure loss, and its high mechanical performance is complemented by excellent abrasion resistance.
5. The automated welding ensures that the slot sizes are consistent throughout the filter.



疏水性聚四氟乙烯(PTFE)折叠滤芯/ Hydrophobic PTFE (Polytetrafluoroethylene) Pleated Filter Cartridge

► 产品信息/Product Overview

本产品是采用经双向拉伸技术生产的疏水性聚四氟乙烯 (PTFE) 微孔滤膜及进口导流支撑层组成, 经打褶、滤材边封、固定内芯外罩、焊接盖等流程制作而成。无任何粘合剂, 无分层脱落。可广泛应用于生物发酵、制药行业中空气除菌过滤及低表面张力的强氧化性、强腐蚀性液体的澄清、除菌过滤。

This product is made using a biaxially oriented hydrophobic PTFE microporous membrane and imported flow distribution support layer. It is produced through pleating, edge sealing of the filter material, fixing the inner core and outer cover, and welding the cap. There are no adhesives used, ensuring no delamination or shedding. It is widely used in air sterilization filtration for biological fermentation and pharmaceutical industries, as well as for the clarification and sterilization filtration of low surface tension, highly oxidative, and highly corrosive liquids.

► 产品特性/Product Features

- 强烈的疏水性, 比普通的聚偏氟乙烯(PVDF)滤没抗水侵蚀能力高375%;
- 过滤精度高, 用于气体过滤时100%截留0.02 μm以上的各种噬体、细菌及微粒;
- 极高的孔隙率, 低气阻、高通量;
- 极优异的生产惰性和耐化学腐蚀性;
- 滤芯耐冲击、耐反压和重复蒸汽高温消毒灭菌。
- Strong hydrophobicity, 375% higher water resistance than standard polyvinylidene fluoride (PVDF) filters.
- High filtration accuracy, 100% retention of particles, bacteria, and microbes larger than 0.02 μm when used for gas filtration.
- Extremely high porosity, low gas resistance, and high throughput.
- Excellent production inertness and resistance to chemical corrosion.
- The filter cartridge is resistant to impact, backpressure, and repeated steam sterilization at high temperatures.

► 应用领域Applications

- 压缩空气和氮气的除菌过滤;
- 抗生素发酵空气终端过滤;
- 生物工程发酵空气终端过滤;
- 发酵罐、储罐、配料罐等无需进气和排气过滤;
- 电子工业高纯气体终端过滤;
- 无菌包装空气过滤;
- 低表面张力的强氧化剂液体的澄清、除菌过滤;
- 低表面张力的强腐蚀性液体的澄清、除菌过滤;
- Sterilizing filtration for compressed air and nitrogen
- Terminal filtration of air for antibiotic fermentation
- Terminal filtration of air for biotechnological fermentation
- Filtration for fermenters, storage tanks, and mixing tanks without the need for intake or exhaust filtration
- Final filtration of high-purity gases in the electronics industry
- Sterile packaging air filtration
- Clarification and sterilizing filtration of low surface tension, strong oxidizing liquids
- Clarification and sterilizing filtration of low surface tension, highly corrosive liquids



► 材料结构/Material Structure

过滤介质: 聚四氟乙烯(PTFE)疏水性双向拉伸微孔滤膜
导流层: 进口聚丙烯(PP)碳纤维无纺布
骨架/端盖: 普通聚丙烯(PP)、加强型高分子量聚丙烯(PP)
中心柱: 普通聚丙烯(PP)、不锈钢
垫片/密封圈: 硅橡胶/三元乙丙橡胶/氟橡胶/包四氟
接口: 普通聚丙烯(PP)、加强型高分子量聚丙烯(PP)、加强内衬不锈钢
Filter Membrane: Hydrophobic, biaxially stretched PTFE (polytetrafluoroethylene) microporous membrane
Flow Distribution Layer: Imported polypropylene (PP) fiber nonwoven fabric
Skeleton/End Cap: Standard polypropylene (PP), reinforced high molecular weight polypropylene (PP).
Center Core: Standard polypropylene (PP), stainless steel
Gasket/Sealing Ring: Silicone rubber/EPDM/fluororubber/PTFE-coated.
Interface: Standard polypropylene (PP), reinforced high molecular weight polypropylene (PP), stainless steel inner lining.

亲水性聚四氟乙烯(PTFE)折叠滤芯/ Hydrophilic PTFE (Polytetrafluoroethylene) Pleated Filter Cartridge

► 产品信息/Product Overview

本产品是采用经双向拉伸技术生产的亲水性聚四氟乙烯 (PTFE) 微孔滤膜及进口导流支撑层组成, 经打褶、滤材边封、固定内芯外罩、焊接端盖等流程制作而成。无任何粘合剂, 无杂质脱落。可广泛应用于各行业**中**强氧化剂、强腐蚀性液体的澄清、除菌过滤。

This product is made using a biaxially oriented hydrophilic PTFE microporous membrane and imported flow distribution support layer. It is produced through pleating, edge sealing of the filter material, fixing the inner core and outer cover, and welding the end caps. There are no adhesives used, ensuring no shedding of impurities. It is widely used in various industries for the clarification and sterilization filtration of strong oxidizing agents and highly corrosive liquids.

► 产品特性/Product Features

- 优良的亲水性, 不会随使用时间和温度变化而降低亲水性能;
- 极高的孔隙率, 低气阻、高通量;
- 极优异的生产惰性和耐化学腐蚀性;
- 高表面张力的液体过滤, 无需事先润湿;
- 滤芯耐冲击、耐反压和重复蒸汽高温消毒灭菌。
- Excellent hydrophilicity that remains stable with changes in time and temperature
- Extremely high porosity, low gas resistance, and high throughput.
- Excellent production inertness and resistance to chemical corrosion.
- Effective filtration of high surface tension liquids without the need for pre-wetting
- The filter cartridge is resistant to impact, backpressure, and repeated steam sterilization at high temperatures.

► 材料结构/Material Structure

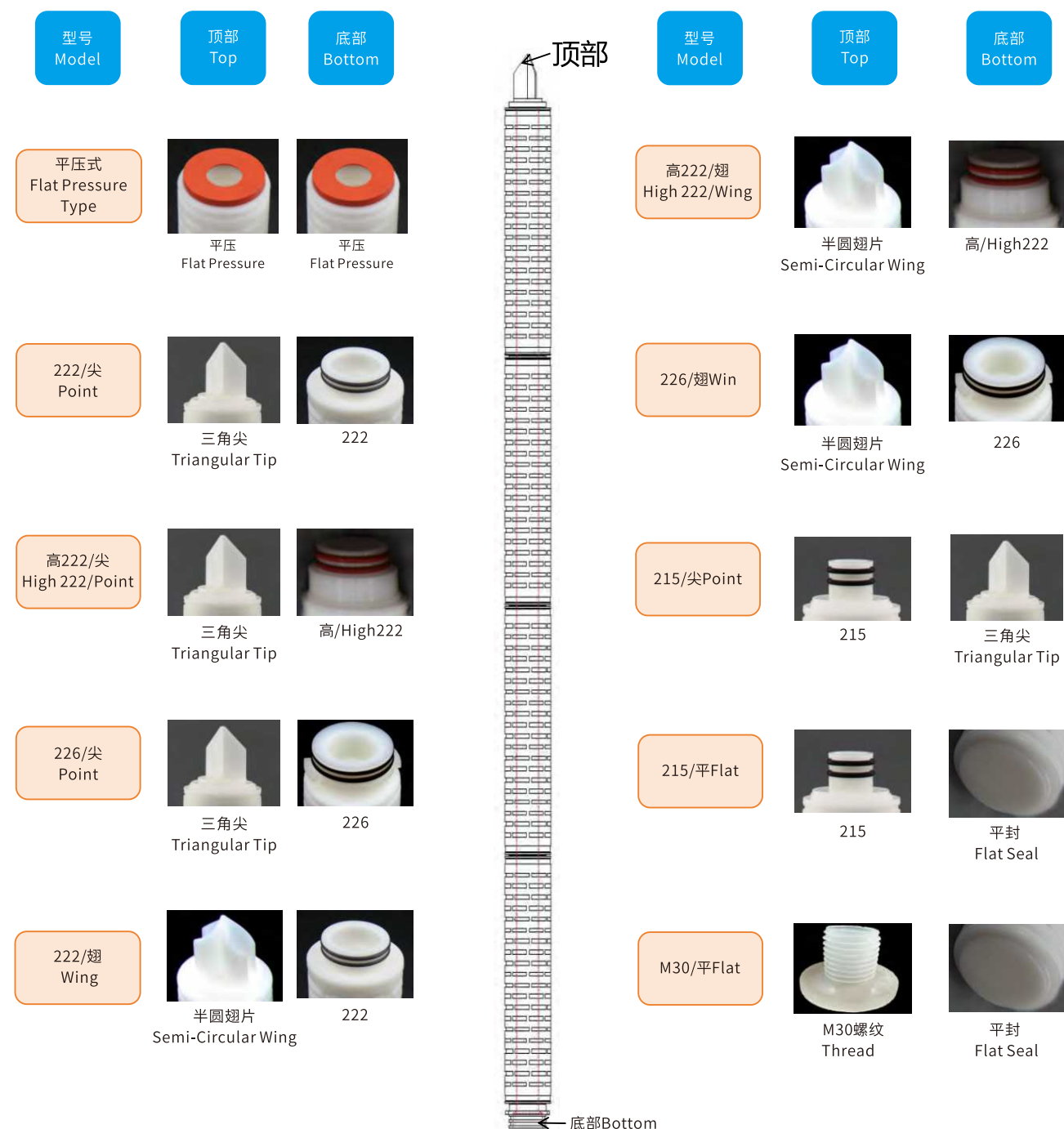
过滤介质: 聚四氟乙烯(PTFE)亲水性双向拉伸微孔滤膜
导流层: 进口聚丙烯(PP)长碳纤维无纺布
骨架/端盖: 普通聚丙烯(PP)、加强型高分子量聚丙烯(PP)
中心柱: 普通聚丙烯(PP)、不锈钢
垫片/密封圈: 硅橡胶/三元乙丙橡胶/氟橡胶/包四氟
接口: 普通聚丙烯(PP)、加强型高分子量聚丙烯(PP)、加强内衬不锈钢
Filter Membrane: Hydrophobic, biaxially stretched PTFE (polytetrafluoroethylene) microporous membrane
Flow Distribution Layer: Imported polypropylene (PP) fiber nonwoven fabric
Skeleton/End Cap: Standard polypropylene (PP), reinforced high molecular weight polypropylene (PP).
Center Core: Standard polypropylene (PP), stainless steel
Gasket/Sealing Ring: Silicone rubber/EPDM/fluororubber/PTFE-coated.
Interface: Standard polypropylene (PP), reinforced high molecular weight polypropylene (PP), stainless steel inner lining.



► 应用领域/Applications

- 强腐蚀性液体除菌、澄清过滤;
- 矿泉水、纯净水制臭氧等强氧化液体除菌、澄清过滤;
- 强质子性有机溶媒的除菌、澄清过滤;
- 药液的除菌、澄清过滤等。
- Sterilization and clarification filtration of highly corrosive liquids
- Sterilization and clarification filtration of strong oxidizing liquids such as ozone in mineral water and purified water production
- Sterilization and clarification filtration of strongly protonic organic solvents
- Sterilization and clarification filtration of pharmaceutical liquids

滤芯接口/Filter Element Interface



以上均为常见搭配及常规接口型号, 特殊尺寸规格及型号, 可按客户要求定制。
These are the most common configurations and standard interface models. Special sizes, specifications, and models can be customized according to customer requirements.

聚丙烯(PP)微孔折叠滤芯/Polypropylene (PP) Microporous Pleated Filter Cartridge

► 产品信息/Product Overview

本产品用全聚丙烯结构, 滤材符合FDA相关要求。过滤层、支撑层均采用无脱落型聚丙烯滤材。可广泛应用在生物制药行业的澄清、除菌过滤、精细化溶媒的精制过滤。

This product is made with a fully polypropylene structure, and the filter material meets FDA-related requirements. Both the filtration and support layers are made of non-shedding polypropylene material. It can be widely used in the biopharmaceutical industry for clarification, sterilizing filtration, and fine solvent purification.

► 产品特性Product Features

- 化学相容性广、能耐受PH值1~14、流通量大、压差低、使用寿命长;
- 渐进式孔径变化提供高纳污能力;
- 过滤精度范围广、选择度大、可满足各种应用场合;
- 低溶出、低蛋白吸附特性;
- 采用热熔工艺、结构牢固且无异物释放;
- 滤芯可耐高温灭菌柜及在线蒸汽灭菌;
- Broad chemical compatibility, capable of withstanding pH values from 1 to 14, high flow capacity, low pressure drop, and long service life.
- Progressive pore structure for excellent dirt-holding capacity and efficient filtration.
- Broad range of filtration grades and great versatility for various applications.
- Low extractables and protein adsorption
- Built with thermal fusion technology for a strong structure with no foreign material release.
- Compatible with high-temperature autoclaving and in-line steam sterilization.

► 材料结构/Material Structure

过滤介膜: 聚丙烯(PP)滤膜;

导流层: 聚丙烯(PP);

骨架/端盖: 普通聚丙烯(PP)、加强型高分子量聚丙烯(PP);

中心柱: 普通聚丙烯(PP)、加强型高分子量聚丙烯(PP);

垫片/密封圈: 硅橡胶/三元乙丙橡胶/氟橡胶/包四氟;

接口: 普通聚丙烯(PP)、加强型高分子量聚丙烯(PP)、加强内衬不锈钢;

Filter Membrane: Polypropylene (PP) filter membrane.

Flow Distribution Layer: Polypropylene (PP).

Skeleton/End Cap: Standard polypropylene (PP), reinforced high molecular weight polypropylene (PP).

Center Core: Standard polypropylene (PP), reinforced high molecular weight polypropylene (PP).

Gasket/Sealing Ring: Silicone rubber/EPDM/fluororubber/PTFE-coated.

Interface: Standard polypropylene (PP), reinforced high molecular weight polypropylene (PP), stainless steel inner lining.



► 应用领域/Applications

- 电子工业: 工业、高纯水等前置过滤;
- 食品饮料业: 饮料、酒类、矿泉水、饮用水等澄清过滤;
- 石油工业: 油田注水过滤;
- 医药行业: 药业、生物制品、药用溶剂等液体的精过滤;
- 化工行业: 各种有机溶剂、酸、碱液、墨水等过滤;
- Electronics Industry: Pre-filtration for industrial and high-purity water.
- Food & Beverage Industry: Clarification filtration for beverages, alcoholic drinks, mineral water, and drinking water.
- Petroleum Industry: Filtration for water injection in oilfields.
- Pharmaceutical Industry: Fine filtration of pharmaceutical products, biopharmaceuticals, and medicinal solvents.
- Chemical Industry: Filtration of various organic solvents, acids, alkalis, inks, etc.

尼龙膜滤芯/Nylon Membrane Filter Cartridge

► 产品信息/Product Overview

本产品采用尼龙微孔膜及导流层经整体结构热熔焊接而成。无任何粘合剂，无杂质脱落。滤膜天然亲水、耐碱不耐酸、耐溶剂强，适用于液体特别是碱性液体过滤。一般用于液体除微粒、除菌过滤等终端过滤单元，应用广泛。

This product is made using a nylon microporous membrane and flow distribution layer, welded together through a heat fusion process. No adhesives are used, ensuring no shedding of impurities. The filter membrane is naturally hydrophilic, alkali-resistant, and solvent-resistant, though not acid-resistant. It is ideal for filtering liquids, especially alkaline solutions. Commonly used for particle removal and sterilization filtration in terminal filtration applications, it has a wide range of uses.

► 产品特性/Product Features

- 过滤精度宽，选择性大，可用于各种场合；
- 孔径均匀，机械强度高；
- 高效微粒去除能力；
- 耐有机溶剂、耐油；
- 使用寿命长；
- 滤芯100%通过完整性测试。
- Wide filtration accuracy range with great selectivity, suitable for various applications
- Uniform pore size with high mechanical strength
- High-efficiency particle removal capability
- Resistant to organic solvents and oils
- Long service life
- 100% integrity testing passed for each filter element

► 材料结构/Material Structure

过滤介质：尼龙微孔滤膜

导流层：进口聚丙烯(PP)长丝纤维无纺布

骨架/端盖：加强型高分子量聚丙烯(PP)

中心柱：普通聚丙烯(PP)、不锈钢

垫片/密封圈：硅橡胶/三元乙丙橡胶/氟橡胶/包四氟

接口：加强型高分子量聚丙烯(PP)、加强内衬不锈钢

Filter Membrane: Nylon microporous membrane

Flow Distribution Layer: Imported polypropylene (PP) long-fiber nonwoven fabric

Skeleton/End Cap: Reinforced high molecular weight polypropylene (PP).

Center Core: Standard polypropylene (PP), stainless steel

Gasket/Sealing Ring: Silicone rubber/EPDM/fluororubber/PTFE-coated.

Interface: Reinforced high molecular weight polypropylene (PP), reinforced stainless steel inner lining.



► 应用领域/Applications

- 饮料行业中各种酒、矿泉水、纯净水、果汁等液体的过滤
- 电子行业中生产用水的终端过滤
- 制药行业中原料药、药用溶剂、输液等液体的终端过滤
- 超滤、纳滤、反渗透系统的用水点除菌过滤
- Filtration of various liquids such as wine, mineral water, purified water, and fruit juices in the beverage industry
- Terminal filtration of water used in electronics manufacturing
- Terminal filtration of raw pharmaceuticals, medicinal solvents, and intravenous fluids in the pharmaceutical industry
- Sterilizing filtration for water points in ultrafiltration, nanofiltration, and reverse osmosis systems

聚醚砜(PES)折叠滤芯/Polyethersulfone (PES) Pleated Filter Cartridge

► 产品信息/Product Overview

本产品采用过滤介质为经过特殊结构设计的无支撑聚醚砜 (PES) 微孔滤膜。它具有占滤膜面积百分之八十以上的微孔开孔率及独特的微孔几何形状，提高过滤效率和过滤量。产品出厂前都经过完整性测试，可广泛应用于生物制药、精细化工、食品饮料、电子工业的终端过滤。

This product uses a special structure-designed, unsupported polyethersulfone (PES) microporous membrane as the filtration medium. It features a high pore opening rate, covering over 80% of the membrane area, and a unique pore geometry, which improves both filtration efficiency and capacity. Each product undergoes integrity testing before leaving the factory. It can be widely applied in terminal filtration for industries such as biopharmaceuticals, fine chemicals, food and beverages, and electronics.

► 产品特性/Product Features

- 绝对的过滤精度，过滤效率可达99.9%；
- 高度不对称孔结构，具有高纳污量，保证了滤芯使用寿命长；
- 优异的亲水性，易于水的湿润，便于使用前后的完整性测试；
- 高的通量，保证了滤芯的经济运行性；
- 良好的热稳定性，提供了滤芯良好的耐受蒸汽灭菌效果。
- 99.9% filtration efficiency with absolute precision.
- High dirt-holding capacity and long filter life due to asymmetric pore structure.
- Excellent hydrophilicity for easy wetting and integrity testing.
- High flux for economical operation.
- Great thermal stability, ideal for steam sterilization.

► 材料结构/Material Structure

过滤介质：聚醚砜 (PES) 微孔滤膜

导流层：进口聚丙烯 (PP) 长丝纤维无纺布

骨架/端盖：加强型高分子量聚丙烯 (PP)

中心柱：加强型高分子量聚丙烯 (PP)、不锈钢

垫片/密封圈：硅橡胶/三元乙丙橡胶/氟橡胶/包四氟

接口：加强型高分子量聚丙烯 (PP)、加强内衬不锈钢

Filter Membrane: Polyethersulfone (PES) Microporous Membrane

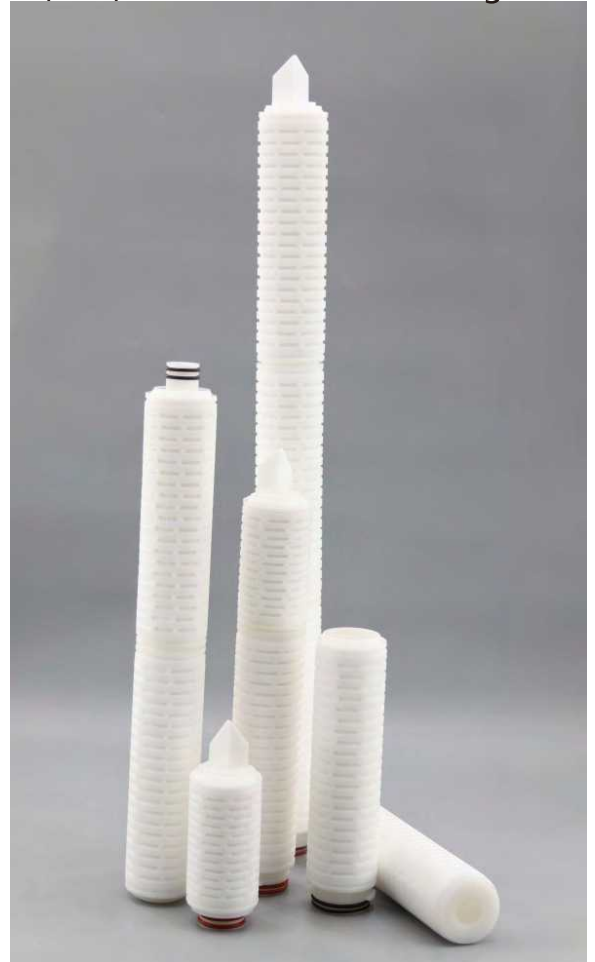
Flow Distribution Layer: Imported polypropylene (PP) long-fiber nonwoven fabric

Skeleton/End Cap: Reinforced high molecular weight polypropylene (PP).

Center Core: Reinforced high molecular weight polypropylene (PP), stainless steel

Gasket/Sealing Ring: Silicone rubber/EPDM/fluororubber/PTFE-coated.

Interface: Reinforced high molecular weight polypropylene (PP), reinforced stainless steel inner lining.



► 应用领域/Applications

- 电子行业：超纯水制备、光盘、光电和半导体用高纯水终端过滤；
- 食品行业：饮用水、饮料、超纯水、酒类等除菌终端过滤；
- 化工行业：高纯化学试剂的精制过滤；
- 生物制药：水针剂、大输液 (LVP)、小针剂 (SVP)、血清血浆制品、生物制品、蛋白溶液、发酵罐的进料、抗生素等液体的除菌过滤。
- Electronics Industry: Terminal filtration of ultrapure water for semiconductor, optical disc, and optoelectronics manufacturing.
- Food Industry: Sterilization filtration for drinking water, beverages, ultrapure water, alcoholic drinks, etc.
- Chemical Industry: Purification filtration for high-purity chemicals and reagents.
- Biopharmaceutical Industry: Sterilization filtration for water injections, large volume parenteral solutions (LVP), small volume parenteral solutions (SVP), serum/plasma products, biological products, protein solutions, fermentation feed, and antibiotics.

疏水性聚偏二氟乙烯(PVDF)折叠滤芯/Hydrophobic Polyvinylidene Fluoride (PVDF) Pleated Cartridge

► 产品信息/Product Overview

产品采用疏水性聚偏二氟乙烯 (PVDF) 简称聚偏氟乙烯微孔滤膜。它具有较强的负静电性及疏水性, 同时具有较高的孔隙率、较低气阻、高通量。可广泛应用于生物发酵、制药行业中空气除菌过滤及有机溶媒的澄清、除菌过滤。This product uses hydrophobic Polyvinylidene Fluoride (PVDF) membrane, which has strong negative electrostatic properties and hydrophobic characteristics. It also offers high porosity, low gas resistance, and high flow capacity. It is widely used in air sterilization filtration in biological fermentation and pharmaceutical industries, as well as clarification and sterilization filtration for organic solvents.

► 产品特性/Product Features

- 较强的疏水性及负静电性;
- 较高的孔隙率、较低气阻、高通量;
- 广泛的化学相容性及耐高温性;
- 耐臭氧、耐强酸强碱及卤素腐蚀;
- 滤芯可经受高达上百次的在线蒸汽灭菌。
- Strong hydrophobicity and negative electrostatic properties
- High porosity, low gas resistance, and high flow capacity
- Broad chemical compatibility and high-temperature resistance
- Resistant to ozone, strong acids, strong alkalis, and halogen corrosion
- Filter cartridge can withstand up to hundreds of cycles of in-line steam sterilization



► 材料结构/Material Structure

过滤介质: 疏水性聚偏二氟乙烯 (PVDF) 微孔滤膜;
导流层: 进口聚丙烯 (PP) 长丝纤维无纺布;
骨架/端盖: 加强型高分子量聚丙烯 (PP);
中心柱: 加强型高分子量聚丙烯 (PP)、不锈钢;
垫片/密封圈: 硅橡胶/三元乙丙橡胶/氟橡胶/包四氟;
接口: 加强型高分子量聚丙烯 (PP)、加强内衬不锈钢。
Filter Membrane: Hydrophobic Polyvinylidene Fluoride (PVDF) microporous filter membrane
Flow Distribution Layer: Imported polypropylene (PP) long-fiber nonwoven fabric
Skeleton/End Cap: Reinforced high molecular weight polypropylene (PP).
Center Core: Reinforced high molecular weight polypropylene (PP), stainless steel
Gasket/Sealing Ring: Silicone rubber/EPDM/fluororubber/PTFE-coated.
Interface: Reinforced high molecular weight polypropylene (PP), reinforced stainless steel inner lining.

► 应用领域/Applications

- 生物发酵、制药行业中空气除菌;
- 罐、柜、箱等通口气体的除菌过滤;
- 高低温蒸汽过滤;
- 有机溶媒的澄清、除菌过滤;
- 气体除湿过滤。
- Air sterilization in biopharmaceutical and fermentation industries
- Sterilizing filtration for gas vents of tanks, cabinets, and boxes
- High and low-temperature steam filtration
- Clarification and sterilizing filtration of organic solvents
- Gas dehumidification filtration

亲水性聚偏二氟乙烯(PVDF)折叠滤芯/Hydrophilic PVDF Pleated Filter Cartridge

► 产品信息/Product Overview

本产品采用亲水性聚偏二氟乙烯 (PVDF) 简称聚偏氟乙烯微孔滤膜。它具有良好的机械性能、耐温性和耐腐蚀性仅次于聚四氟乙烯 (PTFE), 尤其对酸性料液有极好的耐受性, 并可在90℃的环境下长期工作。特别适用于生化制药中的培养基、生物制剂、疫苗的除菌过滤。This product uses hydrophilic polyvinylidene fluoride (PVDF) microfiltration membrane. PVDF provides excellent mechanical strength, thermal stability, and chemical resistance, second only to PTFE. It is particularly resistant to acidic solutions and can operate continuously at temperatures up to 90°C, making it ideal for sterilizing filtration of culture media, biopharmaceuticals, and vaccines in the biopharmaceutical industry.

► 产品特性/Product Features

- 滤膜直孔多, 可抗胶体和蛋白特质污染;
- 极低的蛋白吸附性;
- 极低的析出率, 满足了电子超纯水过滤中对电导率的苛刻要求;
- 耐高温、耐腐蚀;
- 滤芯可经受高达数十次的在线蒸汽灭菌。
- High pore density, resistant to colloidal and protein contamination.
- Very low protein binding.
- Low leachability, ensuring compliance with conductivity requirements for ultra-pure water filtration.
- High-temperature and corrosion-resistant.
- Capable of withstanding multiple in-line steam sterilization cycles.



► 材料结构/Material Structure

过滤介质: 亲水性聚偏二氟乙烯 (PVDF) 微孔滤膜;
导流层: 进口聚丙烯 (PP) 长丝纤维无纺布;
骨架/端盖: 加强型高分子量聚丙烯 (PP);
中心柱: 加强型高分子量聚丙烯 (PP);
垫片/密封圈: 硅橡胶/三元乙丙橡胶/氟橡胶/包四氟;
接口: 加强型高分子量聚丙烯 (PP)、加强内衬不锈钢。
Filter Membrane: Hydrophilic Polyvinylidene Fluoride (PVDF) microfiltration membrane
Flow Distribution Layer: Imported polypropylene (PP) long-fiber nonwoven fabric
Skeleton/End Cap: Reinforced high molecular weight polypropylene (PP).
Center Core: Reinforced high molecular weight polypropylene (PP)
Gasket/Sealing Ring: Silicone rubber/EPDM/fluororubber/PTFE-coated.
Interface: Reinforced high molecular weight polypropylene (PP), reinforced stainless steel inner lining.

► 应用领域/Applications

- 生物制剂的除菌过滤;
- 培养液的过滤;
- 疫苗过滤;
- 有机溶媒的澄清、除菌过滤;
- 抗生素溶液的除菌过滤;
- 极性水溶液和超纯水的绝对过滤。
- Sterilizing filtration of biopharmaceuticals
- Filtration of culture media
- Vaccine filtration
- Clarification and sterilizing filtration of organic solvents
- Sterilizing filtration of antibiotic solutions
- Absolute filtration of polar aqueous solutions and ultra-pure water

70英寸电厂折叠滤芯/70-Inch Pleated Filter Cartridge for Power Plants

► 产品信息/Product Overview

70英寸电厂滤芯以超细聚丙烯纤维膜为过滤介质，低压差，高通量，具有良好的过滤精度。设备直径小，占地少。接口采用内螺纹连接，安装方便。是一种可以反复冲洗的折叠滤芯，专为电厂冷凝水的过滤而设计。

The 70-inch pleated filter cartridge is equipped with an ultrafine polypropylene fiber membrane, providing low pressure drop, high flow capacity, and excellent filtration accuracy. Its compact design ensures minimal space usage. The internal-thread connection makes installation quick and easy. This washable filter is specifically designed for condensate water filtration in power plants.

► 产品特性/Product Features

- 完整的PP结构
- 广泛的化学应用性
- 折叠设计增加了过滤面积
- 可以反复冲洗
- 使用前可以涂一层树脂于外壳表面
- 表面过滤的设计可以确保有效去除颗粒
- 超长滤芯70"适用于大流量/高容污的应用场合
- 可直接安装在已有的外壳中，无需更换或改造
- Complete PP construction
- Wide chemical compatibility
- Pleated design increases filtration area
- Washable and reusable
- Washable for repeated use
- Resin coating can be applied to the outer surface before use
- Surface filtration ensures efficient particle removal
- 70" extra-long filter ideal for high-flow, high-dirt capacity applications
- Easy installation into existing housings without modification or replacement

► 材料结构/Material Structure

过滤介质: PP
导流层: 聚丙烯(PP)无纺布;
骨架/端盖: 普通聚丙烯(PP)
中心柱: 普通聚丙烯(PP)
接口: 普通聚丙烯(PP)
Filter Membrane: PP
Flow Distribution Layer: Polypropylene (PP) nonwoven fabric
Skeleton/End Cap: Standard polypropylene (PP).
Center Core: Standard polypropylene (PP)
Interface: Standard polypropylene (PP)



► 应用领域/Applications

- RO保安过滤，海水淡化预处理
- 电厂冷凝水的过滤
- 生物制药行业原料药，溶剂，水的过滤
- 油漆，涂料，石油化工
- 微电子，胶片，纤维，树脂
- RO pre-filtration, seawater desalination pretreatment
- Filtration of condensate water in power plants
- Filtration of raw materials, solvents, and water in the bio pharmaceutical industry
- Paints, coatings, and petrochemical applications
- Microelectronics, film, fibers, and resins

玻璃纤维膜折叠滤芯/Fiberglass Membrane Pleated Filter Cartridge:

► 产品信息/Product Overview

玻璃纤维微孔折叠滤芯采用玻璃纤维滤材与无纺布共同打褶加工而成，有效控制了纤维脱落。耐酸碱、耐温及耐油性强。在高负荷或粘稠滤料过滤中具有理想的使用寿命，极大的降低了过滤成本。

The fiberglass micro-pleated filter cartridge combines fiberglass filter material and nonwoven fabric to prevent fiber shedding effectively. It offers excellent resistance to acids, alkalis, high temperatures, and oils. Ideal for high-load or viscous liquid filtration, it ensures a long service life, significantly reducing filtration costs.

► 材料结构/Material Structure

过滤介质: 玻璃纤维膜;
导流层: 进口聚丙烯(PP)长丝纤维无纺布、普通聚丙烯无纺布;
骨架/端盖: 加强型高分子量聚丙烯(PP);
中心柱: 加强型高分子量聚丙烯(PP);
垫片/密封圈: 硅橡胶/三元乙丙橡胶/氟橡胶/包四氟;
接口: 加强型高分子量聚丙烯(PP)、加强内衬不锈钢。
Filter Membrane: Fiberglass membrane
Flow Distribution Layer: Imported polypropylene (PP) long-fiber nonwoven fabric, standard polypropylene (PP) nonwoven fabric;
Skeleton/End Cap: Reinforced high molecular weight polypropylene (PP).
Center Core: Reinforced high molecular weight polypropylene (PP)
Gasket/Sealing Ring: Silicone rubber/EPDM/fluororubber/PTFE-coated.
Interface: Reinforced high molecular weight polypropylene (PP), reinforced stainless steel inner lining.



► 应用领域/Applications

- 医药行业: 各种抗菌素等药业的前置过滤
- 石油工业: 油田注水过滤
- 化学工业: 各种有机溶剂、酸、碱液的过滤
- 特别适用于含有胶体、高粘度的液体预过滤
- Pharmaceutical Industry: Pre-filtration for antibiotics and other pharmaceutical products
- Petroleum Industry: Filtration for water injection in oil fields
- Chemical Industry: Filtration of various organic solvents, acids, and alkalis
- Especially suitable for pre-filtration of colloidal or high-viscosity liquids

PBT骨架折叠滤芯/PBT Frame Pleated Filter Cartridgege:

► 产品信息/Product Overview

PBT骨架滤芯外壳采用全聚酯材料制成，能够满足苯、甲苯等含有芳香烃溶剂料液精密过滤。

This filter cartridge features a 100% polyester shell and is specifically designed for the fine filtration of aromatic hydrocarbon solvents like benzene and toluene.

► 材料结构/Material Structure

过滤介质: PP、PTFE、PVDF、PES、尼龙等
导流层: 进口聚丙烯(PP)长丝纤维无纺布、普通聚丙烯无纺布
骨架/端盖: PBT
中心柱: PBT
垫片/密封圈: 硅橡胶/三元乙丙橡胶/氟橡胶/包四氟
接口: PBT
Filter Membrane: PP, PTFE, PVDF, PES, Nylon, etc.
Flow Distribution Layer: Imported polypropylene (PP) long-fiber nonwoven fabric, standard polypropylene (PP) nonwoven fabric;
Skeleton/End Cap: PBT
Center Core: PBT
Gasket/Sealing Ring: Silicone rubber/EPDM/fluororubber/PTFE-coated.
Interface: PBT



► 产品特性Product Features

- 苯、甲苯等含有芳香烃溶剂料液精密过滤
- Precision filtration for solvent liquids containing aromatic hydrocarbons, including benzene and toluene

80骨架折叠滤芯/80 Frame Pleated Filter Cartridge

► 产品信息/Product Overview

单只更大的过滤面积和纳污量, 延长滤芯的使用寿命, 减少了滤芯的更换频率, 降低成本。

With a larger filtration area and higher dirt-holding capacity, the frame pleated filter cartridge extends filter life, reduces replacement frequency, and lowers operating costs.

► 材料结构/Material Structure

过滤介质: PP、PTFE、PVDF、PES、尼龙等;

导流层: 进口聚丙烯(PP)长丝纤维无纺布、普通聚丙烯无纺布;

骨架/端盖: 加强型高分子量聚丙烯(PP);

中心柱: 加强型高分子量聚丙烯(PP);

垫片/密封圈: 硅橡胶/三元乙丙橡胶/氟橡胶/包四氟。

Filter Membrane: PP, PTFE, PVDF, PES, Nylon, etc.

Flow Distribution Layer: Imported polypropylene (PP) long-fiber nonwoven fabric, standard polypropylene (PP) nonwoven fabric;

Skeleton/End Cap: Reinforced high molecular weight polypropylene (PP).

Center Core: Reinforced high molecular weight polypropylene (PP)

Gasket/Sealing Ring: Silicone rubber/EPDM/fluororubber/PTFE-coated.

► 产品特性/Product Features

- 半导体工艺水过滤;
- 食品饮料的澄清过滤和澄清过滤;
- 电子行业湿制程工艺等液体过滤。
- Water filtration for semiconductor processes
- Clarification filtration for food and beverages
- Liquid filtration in electronic wet-processing applications



130骨架折叠滤芯/130 Frame Pleated Filter Cartridge

► 产品信息/Product Overview

多折式大胖滤芯采用pp过滤膜/聚四氟乙烯(PTFE)过滤膜等过滤材质, 它具有经久好用的性能, 过滤介质中心杆及端盖作为一整体部分胶合一起, 确保端盖封闭性更好, 由于它的折叠设计, 提供了更大的过滤面积, 更长的过滤寿命, 减少滤芯更新次数, 降低过滤费用。

Made from PP or PTFE filter membranes, this large-diameter, multi-pleated filter cartridge is built for long-lasting performance. The filter medium, center rod, and end caps are fused as one component for improved seal integrity. Thanks to its pleated design, it offers a larger filtration surface area, extending filter life, reducing replacement frequency, and cutting filtration costs.

► 材料结构/Material Structure

过滤介质: PP、PTFE、PVDF、PES、尼龙等;

导流层: 进口聚丙烯(PP)长丝纤维无纺布、普通聚丙烯无纺布;

骨架/端盖: 加强型高分子量聚丙烯(PP);

中心柱: 加强型高分子量聚丙烯(PP);

垫片/密封圈: 硅橡胶/三元乙丙橡胶/氟橡胶/包四氟。

Filter Membrane: PP, PTFE, PVDF, PES, Nylon, etc.

Flow Distribution Layer: Imported polypropylene (PP) long-fiber nonwoven fabric, standard polypropylene (PP) nonwoven fabric;

Skeleton/End Cap: Reinforced high molecular weight polypropylene (PP).

Center Core: Reinforced high molecular weight polypropylene (PP)

Gasket/Sealing Ring: Silicone rubber/EPDM/fluororubber/PTFE-coated.

► 产品特性/Product Features

- 半导体工艺水过滤;
- 食品饮料的澄清过滤和澄清过滤;
- 电子行业湿制程工艺等液体过滤。
- Water filtration for semiconductor processes
- Clarification filtration for food and beverages
- Liquid filtration in electronic wet-processing applications



熔喷滤芯/Melt Blown Filter Cartridge

► 产品特性/Product Features

- 由聚丙烯超细纤维热熔粘结而成, 不使用任何化学粘合剂, 纤维在空间随机自粘合形成三维微孔结构表面, 过滤效率达到99%;
- 在生产过程中纤维直径及间隙可调, 滤芯微孔内层小外层大, 增大了滤流量, 过滤阻力滤芯不易阻塞小;
- 压差小, 纳污能力强, 过滤效率高, 寿命长, 处理方便安全;
- PP熔喷滤芯自身洁净度高, 对水质无二次污染, 符合卫生许可标准;
- 对聚丙烯进行改性后具有极高的亲水性, 能吸收十倍重的水, 因此可用于油水分离;
- 滤芯原材料是FDA通过的、食品级的材料。
- Made of polypropylene ultrafine fibers, thermally melt-blown and self-bonded without the use of chemical adhesives. The random fiber arrangement forms a 3D microporous structure with a filtration efficiency of 99%.
- Fiber diameter and spacing are customizable during production. The filter features a finer inner layer and a coarser outer layer, optimizing flow rate while minimizing the risk of clogging.
- Low differential pressure, strong dirt-holding capacity, high filtration efficiency, long service life, and easy handling.
- The PP melt-blown filter cartridge offers high self-cleanliness, with no secondary contamination to water quality, and complies with sanitary approval standards.
- Modified polypropylene demonstrates strong hydrophilicity, capable of absorbing ten times its weight in water, suitable for oil-water separation.
- Made from FDA-approved food-grade materials.

► 材料结构/Material Structure

过滤介质: 熔喷PP 聚丙烯

中心骨架(选用): PP聚丙烯

端盖: PP聚丙烯

垫片/密封圈: Silicone硅橡胶, Buna-N橡胶Viton氟橡胶, EPDM三元乙丙橡胶PE聚乙烯

Filter Medium: Melt-blown PP Polypropylene

Center Core & Skeleton: PP Polypropylene

End Caps: PP Polypropylene

Gasket/Sealing Ring: Silicone Rubber, Buna-N Rubber, Viton Fluoroelastomer, EPDM (Ethylene Propylene Diene Monomer) Rubber, PE Polyethylene



囊式滤芯/Capsule Filter Cartridge

产品信息/Product Overview

可根据客户要求使用各种膜来生产, 外壳材料采用高温聚丙烯, 经过热熔焊接而成。
The capsule filter cartridge is customizable with various membrane materials as per customer requirements. The housing is made of high-temperature polypropylene and heat-fused for durability.

产品特性/Product Features

- 外带壳体, 可以直接使用; • 安装简单, 使用非常方便;
- 滤芯100%进行完整性测试; • 有各种接口形式(螺纹, 软管等);
- 特别适合实验室等小批量和各种行业的前端过滤或者终端过滤;
- 根据使用情况可配各种不同滤材的膜 (PP,PES,PTFE,PVDF,尼龙) 作为滤芯。
- Supplied with an outer shell, ready for immediate use
- Simple installation process, very user-friendly
- Each filter undergoes a complete integrity test
- Available with different connection types (threaded, hose, etc.)
- Suitable for small-batch filtering or pre- and post-filtration filtration in various industries, including laboratory use
- Customizable with a range of membrane materials (PP, PES, PTFE, PVDF, Nylon) based on your filtration needs

应用领域/Applications

聚丙烯囊式滤芯选用聚丙烯膜, 适用于以下领域:

- 反渗透和超滤的预过滤
- 水溶液和溶剂样品的过滤
- 化工行业中墨和染料、显影液的过滤

The Polypropylene Capsule Filter Cartridge, made with polypropylene membrane, is particularly suited for:

- Pre-filtration for reverse osmosis (RO) and ultrafiltration (UF)
- Filtration of aqueous and solvent-based samples
- Filtration of inks, dyes, and developer liquids in the chemical industry

聚醚砜(PES)囊式滤芯选用聚醚砜膜, 特点是流速特别快, 对蛋白吸附低, 过滤精度高, 适用于以下领域:

- 水样品的分析过滤
- 较高流速大体积样品的过滤
- 食品行业中水溶液的除菌分析过滤
- 制药行业中液体、小针剂、组织培养液等液体的过滤

The Polyethersulfone (PES) Capsule Filter Cartridge, with a PES membrane, features high flow rates, low protein adsorption, and excellent filtration accuracy. It is particularly suited for:

- Filtration of water samples for analysis
- Filtration of high-flow, large-volume samples
- Sterilization and analytical filtration of aqueous solutions in the food industry
- Filtration of liquids, small injectables, and tissue culture media in the pharmaceutical industry

聚四氟乙烯(PTFE)囊式滤芯选用疏水性或改性亲水聚四氟乙烯膜, 适用于以下领域:

- 腐蚀性溶液过滤
- LCD生产中光刻胶的过滤



- 空气和气体的通气口过滤
 - 光存储行业的CD-R、DVD-R生产中染料的过滤
 - 化学行业、生物制药、实验室等的溶剂、药业的过滤
- The Polytetrafluoroethylene (PTFE) Capsule Filter Cartridge, with a hydrophobic or modified hydrophilic PTFE membrane, is particularly suited for:
- Filtration of corrosive solutions
 - Filtration of photoresists in LCD manufacturing
 - Vent filtration for air and gases
 - Dye filtration in the production of CD-R and DVD-R in the optical storage industry
 - Filtration of solvents, pharmaceutical solutions, and chemicals in chemical, biopharmaceutical, and laboratory applications, and tissue culture media in the pharmaceutical industry

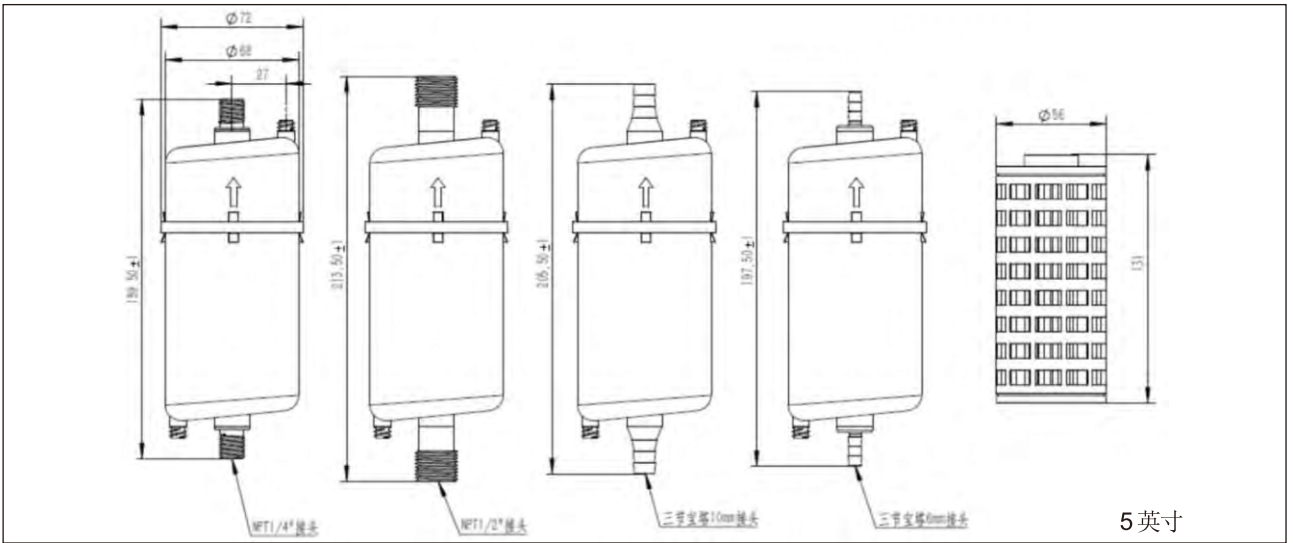
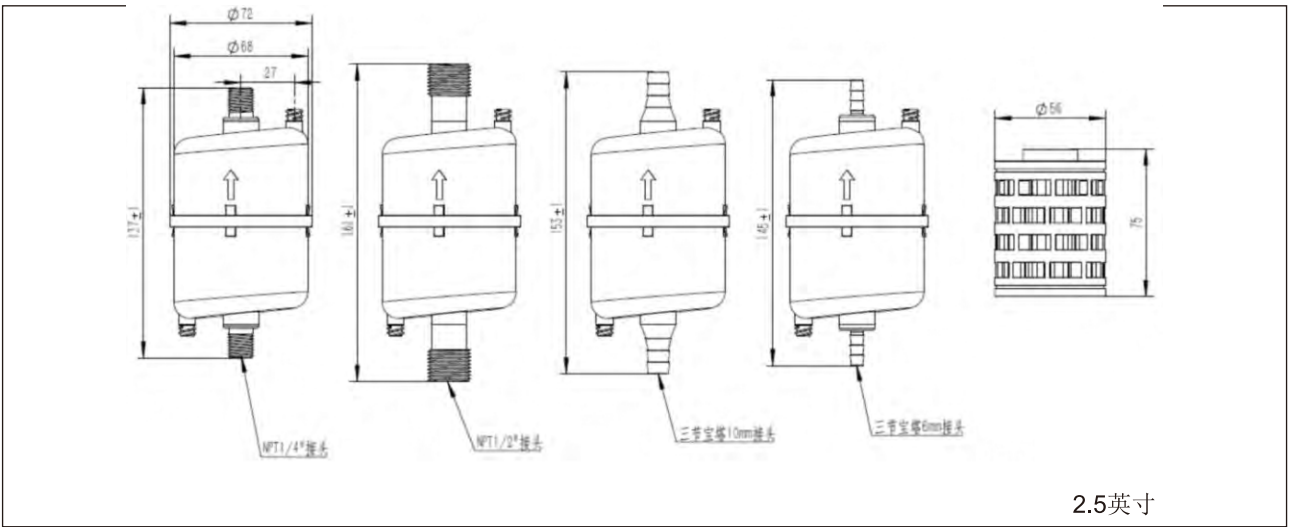
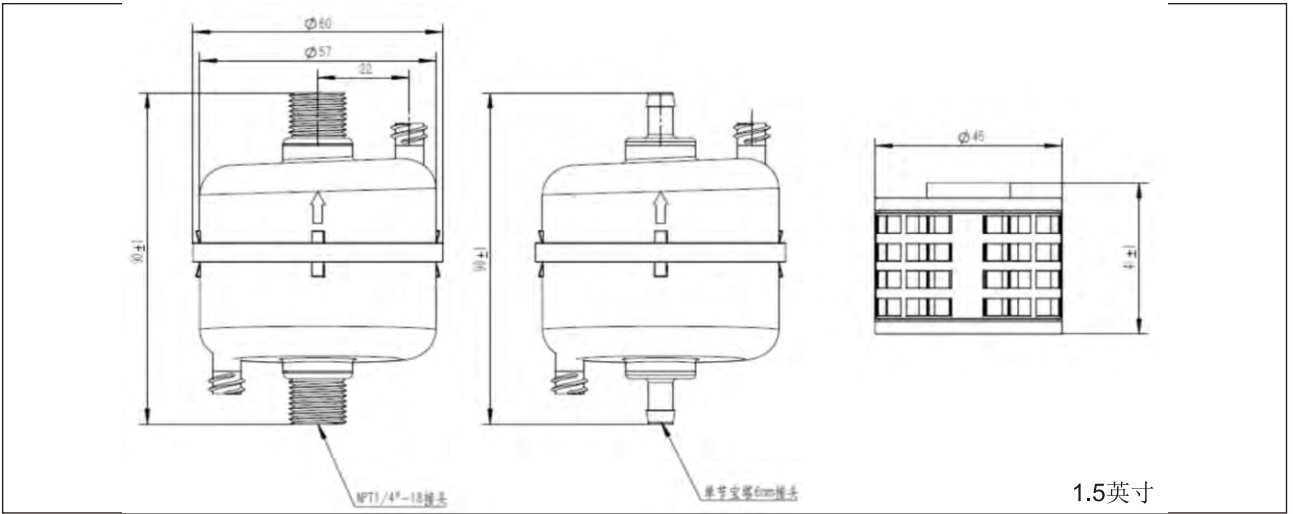
有机溶剂样品过滤尼龙囊式滤芯选用尼龙膜, 特点是流速特别快, 可萃取物水平低, 对蛋白吸附高, 适用于以下领域:

- 水样品的分析过滤
- 食品行业中水溶液的除菌分析过滤
- 制药行业中液体、小针剂、组织培养液等液体的过滤

The Nylon Capsule Filter Cartridge, with a nylon membrane, features excellent flow rates, low extractables, and high protein adsorption. It is particularly suited for:

- Filtration of organic solvents
- Analytical filtration of water samples
- Sterilization and filtration of aqueous solutions in the food industry
- Filtration of liquids, small injecti

囊式滤芯/Capsule Filter Cartridge



JC深层卷式型滤芯/JC Deep-Wound Filter Cartridge

产品信息/Product Overview

JC深层卷式型滤芯由连续的多层聚丙烯(可做其他材质)滤材缠绕而成, 适用于颗粒杂质含量较高的液体预过滤。滤芯由外到内纤维逐渐变细, 由不同的纤维直径, 卷绕而成, 形成梯度过滤。独有的梯度卷绕工艺, 在保证过滤效果的同时, 增加了滤芯的纳污空间, 更能延长滤芯的使用寿命。

The JC Deep-Wound Filter Cartridge consists of multiple layers of polypropylene (or other materials) filter media, spirally wound for effective filtration. It is designed for pre-filtering liquids with high particulate content. The fiber structure is finer towards the inside, formed from different fiber diameters, creating a gradient filtration effect. The special gradient winding technique enhances filtration efficiency while increasing the cartridge's dirt-holding capacity, thereby extending its service life.

产品特性/Product Features

- 过滤面积大
- 使用寿命长
- 稳定性高。
- Large filtration area
- Extended service life
- Excellent stability

性能参数/Performance Parameters

材质:聚丙烯(PP)

尺寸:10英寸、20英寸

接口:DOE、226尖头、222尖头

过滤精度:1μm、5μm、10μm、20μm、50μm、75μm、100μm、120μm

最高工作温度:60°

Material: Polypropylene (PP)

Sizes: 10-inch, 20-inch

Connections: DOE, 226 with flat end, 222 with flat end

Filtration Ratings: 1μm, 5μm, 10μm, 20μm, 50μm, 75μm, 100μm, 120μm

Max Operating Temperature: 60°C



应用领域Applications

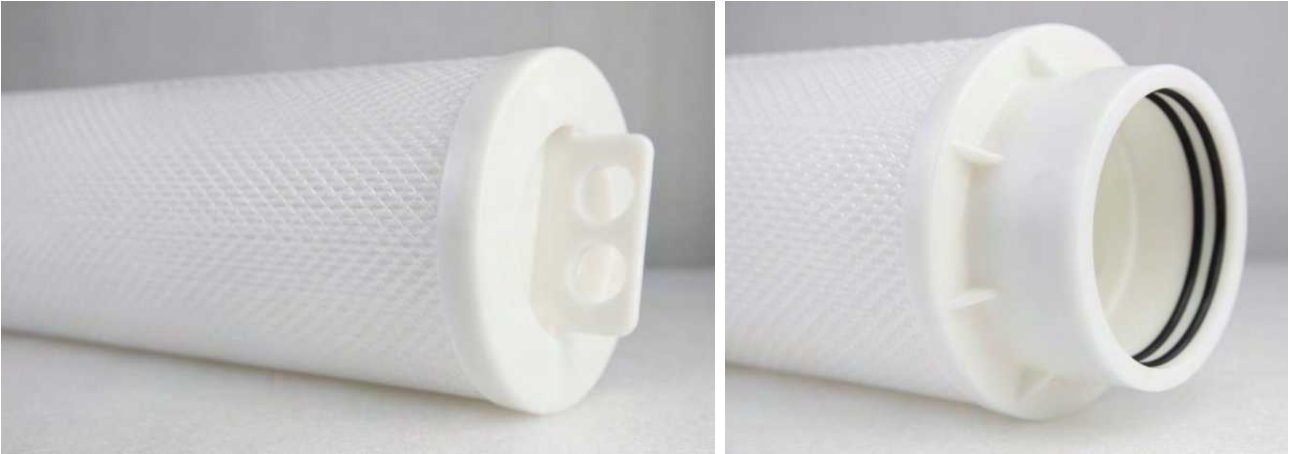
- 适用于颗粒杂质粒径分布比较广的液体过滤;
- 适用于除凝胶和颗粒杂质含量高的液体预过滤;
- 全聚丙烯结构, 具有优秀的化学相容性, 特别适用于溶剂, 化学品过滤。
- Ideal for filtering liquids with a wide distribution of particulate impurities
- Suitable for pre-filtration of liquids with high gel and particle contamination
- Constructed from 100% polypropylene, offering superior chemical compatibility, especially for solvent and chemical filtration

大流量滤芯JC-PPPK/High Flow Filter Cartridge JC-PPPK

产品信息/Product Overview

采用6"/152mm的大直径结构, 单支滤芯最大过滤面积最大可达6m², 最高流量可达40m³/h。单端开口, 外进内出, 保证所有杂质截留在滤芯内部, 使过滤性能稳定可靠。与传统的过滤相比, 大流量减少了滤芯和过滤器的使用量, 极大缩小了过滤器壳体直径, 从而减少了整个过滤系统的占地面积, 更降低了运行成本。

With a large 6"/152mm diameter, the JC-PPPK filter cartridge provides a filtration area of up to 6m² and supports a maximum flow rate of 40m³/h. The outside-to-inside flow with a single-end open design ensures efficient impurity capture within the filter, ensuring stable and reliable performance. Compared to traditional filters, this high-flow design reduces the number of filter cartridges and housings required, significantly reduces the filter housing diameter, and minimizes the overall footprint of the filtration system, ultimately lowering operational costs.



产品特性/Product Features

- 大面积过滤、高通量、寿命长
- 把手设计更换快捷
- 多种精度与长度可选热熔焊接技术加工成型, 不含化学胶合剂, 无泄漏, 无二次污染等
- Large surface area, high flow, and long-lasting performance
- Easy replacement with an ergonomic handle
- Multiple filter precision and length options, crafted using hot-melt welding technology, free from chemical adhesives, ensuring no leakage and no secondary contamination

应用领域/Applications

- 反渗透RO系统预处理
- 酸、碱及化学有机溶剂过滤
- 半导体、电子行业高纯水前置处理
- 矿泉水、酒类、果汁过滤
- 油田回注水过滤
- Pre-treatment for Reverse Osmosis (RO) systems
- Filtration of acids, alkalis, and chemical organic solvents
- Pre-treatment of ultra-pure water in the semiconductor and electronics industries
- Filtration for mineral water, beverages, and juices
- Oilfield water reinjection filtration

产品规格/Product specifications

过滤精度/Filtration Accuracy	1、3、5、10、20、50、100
材料结构/Material Structure	过滤介质:进口聚酯(PET)长纤/熔喷超细聚丙烯(PP)滤膜/玻璃纤维滤纸 支撑层/导流层:聚丙烯(PP)/聚酯(PET)长纤/尼龙 骨架:聚丙烯(PP) 端盖:聚丙烯(PP)/玻璃纤维增强型聚丙烯(PP) 垫片/密封圈:硅橡胶/三元乙丙橡胶/氟橡胶/包四氟/丁腈橡胶 Filter Membrane: Imported Polyester (PET) long fiber / Melt-blown ultra-fine Polypropylene (PP) filter membrane / Glass fiber filter paper Support Layer/Flow Distribution Layer: Polypropylene (PP) / Polyester (PET) long fiber / Nylon Skeleton: Polypropylene (PP) End Cap: Polypropylene (PP) / Glass fiber reinforced Polypropylene (PP) Gasket/Sealing Ring: Silicone rubber / EPDM rubber / Fluoroelastomer / PTFE encapsulated / Nitrile rubber
尺寸规格/Product Size Specifications	外径:152mm 长度:20"40"60" OD: 152 mm; Length: 20", 40", 60"
操作参数/Operating Parameters	最高工作温度:80°C 最大压差3.4bar@23°C Max. Operating Temperature: 80°C; Max. Differential Pressure: 3.4 bar @ 23°C

大流量滤芯JC-PPPA/High Flow Filter Cartridge JC-PPPA

产品信息/Product Overview

采用6"/152mm的大直径结构，单支滤芯最大过滤面积最大可达6m²，最高流量可达40m³/h。单端开口，内进外出，保证所有杂质截留在滤芯内部，使过滤性能稳定可靠。与传统的过滤相比，大流量减少了滤芯和过滤器的使用量，极大缩小了过滤器壳体直径，从而减少了整个过滤系统的占地面积，更降低了运行成本。

With a large 6"/152mm diameter, the JC-PPPA filter cartridge provides a filtration area of up to 6m² and supports a maximum flow rate of 40m³/h. The outside-to-inside flow with a single-end open design ensures efficient impurity capture within the filter, ensuring stable and reliable performance. Compared to traditional filters, this high-flow design reduces the number of filter cartridges and housings required, significantly reduces the filter housing diameter, and minimizes the overall footprint of the filtration system, ultimately lowering operational costs.

产品特性/Product Features

- 大面积过滤、高通量、寿命长
- 把手设计更换快捷
- 多种精度与长度可选热熔焊接技术加工成型，不含化学胶合剂，无泄漏，无二次污染等
- Large surface area, high flow, and long-lasting performance
- Easy replacement with an ergonomic handle
- Multiple filter precision and length options, crafted using hot-melt welding technology, free from chemical adhesives, ensuring no leakage and no secondary contamination

应用领域/Applications

- 反渗透RO系统预处理
- 酸、碱及化学有机溶剂过滤
- 半导体、电子行业高纯水前置处理
- 矿泉水、酒类、果汁过滤
- 油田回注水过滤
- Pre-treatment for Reverse Osmosis (RO) systems
- Filtration of acids, alkalis, and chemical organic solvents
- Pre-treatment of ultra-pure water in the semiconductor and electronics industries
- Filtration for mineral water, beverages, and juices
- Oilfield water reinjection filtration



产品规格/Product specifications

过滤精度/Filtration Accuracy	1、3、5、10、20、50、100
材料结构/Material Structure	过滤介质:进口聚酯(PET)长纤/熔喷超细聚丙烯(PP)滤膜/玻璃纤维滤纸 支撑层/导流层:聚丙烯(PP)/聚酯(PET)长纤/尼龙 骨架:聚丙烯(PP) 端盖:聚丙烯(PP)/玻璃纤维增强型聚丙烯(PP) 垫片/密封圈:硅橡胶/三元乙丙橡胶/氟橡胶/包四氟/丁腈橡胶 Filter Membrane: Imported Polyester (PET) long fiber / Melt-blown ultra-fine Polypropylene (PP) filter membrane / Glass fiber filter paper Support Layer/Flow Distribution Layer: Polypropylene (PP) / Polyester (PET) long fiber / Nylon Skeleton: Polypropylene (PP) End Cap: Polypropylene (PP) / Glass fiber reinforced Polypropylene (PP) Gasket/Sealing Ring: Silicone rubber / EPDM rubber / Fluoroelastomer / PTFE encapsulated / Nitrile rubber
尺寸规格/Product Size Specifications	外径:152mm 长度:20"40"60" OD: 152 mm; Length: 20", 40", 60"
操作参数/Operating Parameters	最高工作温度:80℃ 最大压差3.4bar@23℃ Max. Operating Temperature: 80°C; Max. Differential Pressure: 3.4 bar @ 23°C

大流量滤芯JC-PPPM/High Flow Filter Cartridge JC-PPPM

产品信息/Product Overview

采用6"/152mm的大直径结构，单支滤芯最大过滤面积最大可达6m²，最高流量可达40m³/h。单端开口，外进内出，保证所有杂质截留在滤芯内部，使过滤性能稳定可靠。与传统的过滤相比，大流量减少了滤芯和过滤器的使用量，极大缩小了过滤器壳体直径，从而减少了整个过滤系统的占地面积，更降低了运行成本。

With a large 6"/152mm diameter, the JC-PPPM filter cartridge provides a filtration area of up to 6m² and supports a maximum flow rate of 40m³/h. The outside-to-inside flow with a single-end open design ensures efficient impurity capture within the filter, ensuring stable and reliable performance. Compared to traditional filters, this high-flow design reduces the number of filter cartridges and housings required, significantly reduces the filter housing diameter, and minimizes the overall footprint of the filtration system, ultimately lowering operational costs.

产品特性/Product Features

- 大面积过滤、高通量、寿命长
- 把手设计更换快捷
- 多种精度与长度可选热熔焊接技术加工成型，不含化学胶合剂，无泄漏，无二次污染等
- Large surface area, high flow, and long-lasting performance
- Easy replacement with an ergonomic handle
- Multiple filter precision and length options, crafted using hot-melt welding technology, free from chemical adhesives, ensuring no leakage and no secondary contamination

应用领域/Applications

- 反渗透RO系统预处理
- 酸、碱及化学有机溶剂过滤
- 半导体、电子行业高纯水前置处理
- 矿泉水、酒类、果汁过滤
- 油田回注水过滤
- Pre-treatment for Reverse Osmosis (RO) systems
- Filtration of acids, alkalis, and chemical organic solvents
- Pre-treatment of ultra-pure water in the semiconductor and electronics industries
- Filtration for mineral water, beverages, and juices
- Oilfield water reinjection filtration



产品规格/Product specifications

过滤精度/Filtration Accuracy	1、3、5、10、20、50、100
材料结构/Material Structure	过滤介质:进口聚酯(PET)长纤/熔喷超细聚丙烯(PP)滤膜/玻璃纤维滤纸 支撑层/导流层:聚丙烯(PP)/聚酯(PET)长纤/尼龙 骨架:聚丙烯(PP) 端盖:聚丙烯(PP)/玻璃纤维增强型聚丙烯(PP) 垫片/密封圈:硅橡胶/三元乙丙橡胶/氟橡胶/包四氟/丁腈橡胶 Filter Membrane: Imported Polyester (PET) long fiber / Melt-blown ultra-fine Polypropylene (PP) filter membrane / Glass fiber filter paper Support Layer/Flow Distribution Layer: Polypropylene (PP) / Polyester (PET) long fiber / Nylon Skeleton: Polypropylene (PP) End Cap: Polypropylene (PP) / Glass fiber reinforced Polypropylene (PP) Gasket/Sealing Ring: Silicone rubber / EPDM rubber / Fluoroelastomer / PTFE encapsulated / Nitrile rubber
尺寸规格/Product Size Specifications	外径:160mm 长度:20"40"60" OD: 160 mm; Length: 20", 40", 60"
操作参数/Operating Parameters	最高工作温度:80℃ 最大压差3.4bar@23℃ Max. Operating Temperature: 80°C; Max. Differential Pressure: 3.4 bar @ 23°C

烧结网滤芯/Sintered Mesh Filter Cartridge

产品信息/Product Overview

烧结网滤芯采用标准五层烧结网或多层金属烧结网经多道工序加工而成。标准五层烧结网是五层不锈钢丝网经叠加、真空烧结而成。用其制成的滤芯，具有耐腐蚀性强、渗透性好、强度高、易于清洗和反清洗、过滤精度精确、滤材卫生洁净、丝网不易脱落等特性。

The Sintered Mesh Filter Cartridge is made from standard five-layer or multi-layer metal sintered mesh, which is processed through several manufacturing steps. The standard five-layer sintered mesh is composed of five layers of stainless steel mesh, stacked and vacuum-sintered. Filters made from this material offer strong corrosion resistance, high permeability, superior strength, easy cleaning and backflushing, precise filtration accuracy, hygienic cleanliness, and durable mesh that is resistant to shedding.

主要连接方式/Main Connection Methods

- 标准接口 (如222、220、226)
- 快接口连接
- 螺纹连接
- 法兰连接
- 拉杆连接
- 特殊定制接口
- Standard connections (e.g., 222, 220, 226)
- Quick-connect fittings
- Threaded connections
- Flange connections
- Latch connections
- Customizable connections

应用范围/Applications

用于聚酯、水处理、油品、制药、食品饮料、化工、化纤产品的过滤以及高温空气等介质的过滤。

Filtration in polyester, water treatment, oils, pharmaceuticals, food and beverage industries, chemicals, synthetic fiber products, and high-temperature air filtration.



烧结毡滤芯/Sintered Felt Filter Cartridge

产品信息/Product Overview

烧结毡滤芯是采用不锈钢纤维烧结毡加工而成，标准材质为316L。成品毡由不同孔径层形成梯度空隙，可控制得到较高的过滤精度和纳污量，具有三维网状、多孔结构，孔隙率高，表面积大，孔径大小分布均匀等特点，能连续保持过滤的过流作用。由于以上结构和特性，使得不锈钢烧结毡能够有效的弥补金属网易堵、易损的弱点，能够弥补粉末过滤产品易碎、流量小的不足，具耐温、耐压的特性，因而不锈钢烧结毡是较好的耐高温、耐腐蚀、高精度的过滤材料。

The Sintered Felt Filter Cartridge is made from stainless steel fiber sintered felt, with the standard material being 316L. The finished felt is composed of layers with varying pore sizes, creating a gradient structure that enables precise control over filtration accuracy and dirt-holding capacity. It features a three-dimensional mesh, a highly porous structure, high porosity, a large surface area, and uniform pore size distribution, allowing it to maintain continuous filtration flow. Thanks to its structure and characteristics, stainless steel sintered felt effectively compensates for the shortcomings of metal mesh, such as clogging and wear. It also resolves the fragility and low flow issues of powder filtration products. With its resistance to both high temperatures and pressures, stainless steel sintered felt is an excellent material for high-temperature, corrosion-resistant, and precise filtration needs. on for ultrafiltration membranes, vacuum pump filters, catalyst supports, automotive airbags, fuel filtration in aircraft and ships, and hydraulic systems.



产品特性/Product Features

- 纳污量大，过滤精度高，压力上升慢，更换周期长；
- 高孔隙率和良好的渗透率，压力损失小，流量大；
- 易于加工、成型、焊接；
- 可根据客户要求特别生产加厚型、加厚型、加护网及其他各种规格。
- Large dirt-holding capacity, high filtration accuracy, slow pressure rise, and extended replacement cycles
- High porosity and good permeability, with low pressure drop and large flow capacity
- Easy to process, mold, and weld
- Available for custom manufacturing based on customer specifications, including thicker filters, reinforced mesh, and other tailored sizes

产品连接方式/Product Connection Methods

标准接口 (如222、220、226)、快接口连接、螺纹连接、法兰连接、拉杆连接、特殊定制接口。

Standard connections (e.g., 222, 220, 226), Quick-connect fittings, Threaded connections, Flange connections, Latch connections, Customizable connections

应用领域/Applications

不锈钢烧结毡滤芯具有优异的过滤性能，是理想的耐高温、耐腐蚀、高精度的过滤材料，广泛应用于高分子聚合物过滤、石油化工、电子高温气体粉尘、炼油过程的过滤、黏胶过滤、超滤膜的预过滤、真空泵保护过滤器、滤膜支撑体、催化剂载体、汽车安全气囊、飞机船舶等燃油过滤、液压系统过滤。

Stainless steel sintered felt filter cartridges deliver excellent filtration efficiency and are perfect for high-temperature, corrosion-resistant, and high-precision filtration applications. They are commonly used in polymer filtration, petrochemical processes, high-temperature gas dust filtration in electronics, refining, viscous liquids, pre-filtrati

不锈钢折叠滤芯/Stainless Steel Pleated Filter Cartridge

► 产品信息/Product Overview

不锈钢折叠滤芯的滤材主要采用不锈钢编织网和不锈钢纤维烧结毡两种。不锈钢编织网是由不锈钢丝编织而成，其折叠滤芯具有通道光滑、易清洗、耐高温、耐腐蚀、丝网不脱落、过滤周期长等特性。不锈钢纤维烧结毡是一种采用不锈钢纤维经高温烧结而成的多孔深层过滤型材料，其折叠滤芯具有孔隙率高，透气性好，纳污能力强，再生能力强等特性。

The Stainless Steel Pleated Filter Cartridge is primarily made from stainless steel woven mesh and stainless steel fiber sintered felt. The stainless steel woven mesh is made by interweaving stainless steel wires, offering smooth flow channels, easy cleaning, high-temperature and corrosion resistance, no wire shedding, and long filter life. Stainless steel fiber sintered felt is a porous, deep-layer filtering material made by sintering stainless steel fibers at high temperatures. The pleated filter cartridge made from this material features high porosity, excellent permeability, strong dirt-holding capacity, and excellent regenerability.

产品连接方式/Product Connection Methods

标准接口 (如222、220、226)、快接口连接、螺纹连接、法兰连接、拉杆连接、特殊定制接口。

Standard connections (e.g., 222, 220, 226), Quick-connect fittings, Threaded connections, Flange connections, Latch connections, Customizable connections

► 产品特点/Product Features

过滤面积大 (是普通圆柱形滤芯的5-10倍)、过滤精度范围广 (1-300μm)。

Large filtration surface area (5-10 times larger than regular cylindrical filter cartridges); Broad filtration accuracy range (1-300 μm)

► 产品典型应用参数/Typical Application Parameters

- 工作压力: 30MPa;
- 工作温度: 300°C;
- 纳污容量: 16.9~41mg/cm²。
- Working Pressure: 30 Mpa
- Working Temperature: 300°C
- Dirt-holding Capacity: 16.9~41 mg/cm²

► 产品主要用途/Primary Applications

- 聚脂、长丝、短丝、薄膜生产中聚合物熔体的过滤;
- 高温气体、蒸汽的过滤;
- 高温液体、粘稠液体的过滤。
- Filtration of polymer melts during the production of polyester, long fibers, short fibers, and films
- Filtration of high-temperature gases and steam
- Filtration of high-temperature and viscous liquids



冲孔板复合网滤芯/Perforated Plate Composite Mesh Filter Cartridge

► 产品信息/Product Overview

冲孔板复合网滤芯由冲孔板与数层方孔网 (或密纹网) 复合烧结为一体的新型滤材加工而成。层数与构成丝网的目数根据不同的使用条件与用途定制而成。用其制成的滤芯，具有形式结构多样性、强度高、易于清洗和反清洗、过滤精度精确、滤材卫生洁净、丝网不易脱落等特性。

The Perforated Plate Composite Mesh Filter Cartridge is made by sintering a perforated plate with several layers of square-hole mesh (or dense mesh) to create a new type of filter material. The number of layers and mesh specifications are customized based on specific usage conditions and requirements. The resulting filter cartridge offers diverse structural forms, high strength, ease of cleaning and backflushing, precise filtration accuracy, hygienic materials, and durable mesh that resists shedding.

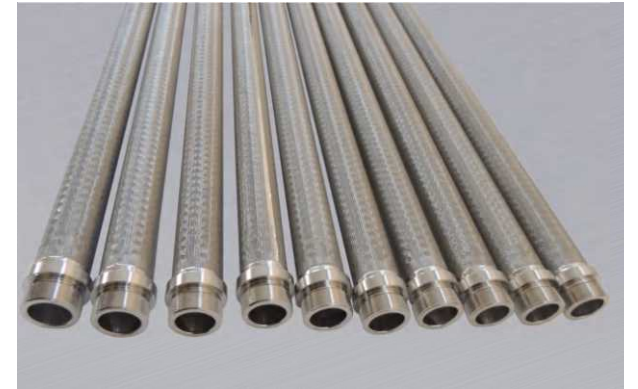
► 产品连接方式/Product Connection Methods

标准接口 (如222、220、226)、快接口连接、螺纹连接、法兰连接、拉杆连接，材质: 304、316L、2205、2507、904L、哈氏合金、特殊定制接口。

Standard connections (e.g., 222, 220, 226), Quick-connect fittings, Threaded connections, Flange connections, Latch connections, Customizable connections; Material: 304, 316L, 2205, 2507, 904L, Hastelloy alloys

► 应用范围/Applications

用于聚酯、水处理、油品、制药、食品饮料、化工、化纤产品的过滤。
Filtration in polyester, water treatment, oils, pharmaceuticals, food & beverage, chemicals, and synthetic fiber industries.



不锈钢粉末烧结滤芯/Stainless Steel Powder Sintered Filter Cartridge

► 产品信息/Product Overview

不锈钢粉末烧结滤芯是由不锈钢粉末通过压制成型后高温烧结而成，具有机械强度高，耐高温，耐腐蚀性好，孔径分布均匀，可清洗再生，可焊接及可机械加工等优点。该类产品被广泛应用于催化剂的回收、化工、医药、饮料、食品、冶金、石油、环保发酵等领域中的气液过滤与分离，如：药业、油类、饮料、矿泉水的粗滤和精滤；各种气体、蒸汽的除尘、除菌除油雾；消音、阻燃、气体缓冲等。

The Stainless Steel Powder Sintered Filter Cartridge is manufactured by compacting stainless steel powder and sintering it at high temperatures. This process results in a filter with high mechanical strength, excellent high-temperature and corrosion resistance, even pore size distribution, and features that allow it to be cleaned, regenerated, welded, and machined. This product is widely used in catalyst recovery, chemicals, pharmaceuticals, beverages, food, metallurgy, petroleum, environmental protection, and fermentation industries for gas-liquid filtration and separation. It is commonly used for coarse and fine filtration in pharmaceutical, oil, beverage, and mineral water applications, as well as for dust removal, sterilization, and oil mist removal from gases and steam. It is also utilized in soundproofing, flame-retardant, and gas buffering applications.

► 产品特性/Product Features

形状稳定，抗冲击和交变负载能力优于其他金属过滤材料。
透气性、分离效果稳定。

机械强度高，适用于高温、高压和强腐蚀性的环境中使用。

Shape stability with better impact resistance and the ability to handle alternating loads compared to other metal filter materials.

Consistent permeability and separation efficiency.

High mechanical strength, ideal for demanding conditions involving high temperatures, high pressures, and strong corrosion.



钛棒滤芯/Titanium Rod Filter Cartridge

► 产品信息/Product Overview

钛棒滤芯是以工业纯钛粉（纯度≥99.7%）为主要原料，经高温烧结而成。其结构均匀，孔隙度高，过滤阻力小，渗透性好，过滤精度高，耐酸碱属性，耐高温等特点，可广泛应用在固液、固气的分离和净化，使用性能优良，可抽滤，可压滤，不形成二次污染，操作简单，可在线再生，易清洗，使用寿命长。

The Titanium Rod Filter Cartridge is made from industrial-grade pure titanium powder (purity ≥ 99.7%), sintered at high temperatures. It features a uniform structure, high porosity, low filtration resistance, excellent permeability, and high filtration accuracy. It is resistant to acids, alkalis, and high temperatures. This filter cartridge is widely used for solid-liquid and solid-gas separation and purification. With excellent performance, it is suitable for both vacuum and pressure filtration, does not cause secondary pollution, is simple to operate, can be regenerated online, is easy to clean, and has a long service life.

过滤精度:0.22-100μm；

接口：有M20、M30、222（插入式）、226（卡入式）、平压口、4分、6分（螺纹）等，特殊接口可定做；

直径：Φ14mm、Φ20mm、Φ30mm、Φ35mm、Φ40mm、Φ50mm、Φ60mm、Φ70mm。

Filtration Accuracy: 0.22 - 100 μm

Interfaces: M20, M30, 222 (insertion type), 226 (bayonet type), flat sealing, 1/4", 3/8" (threaded), custom interfaces available upon request

Diameters: Φ14mm, Φ20mm, Φ30mm, Φ35mm, Φ40mm, Φ50mm, Φ60mm, Φ70mm



铜粉末烧结滤芯/Copper Powder Sintered Filter Cartridge

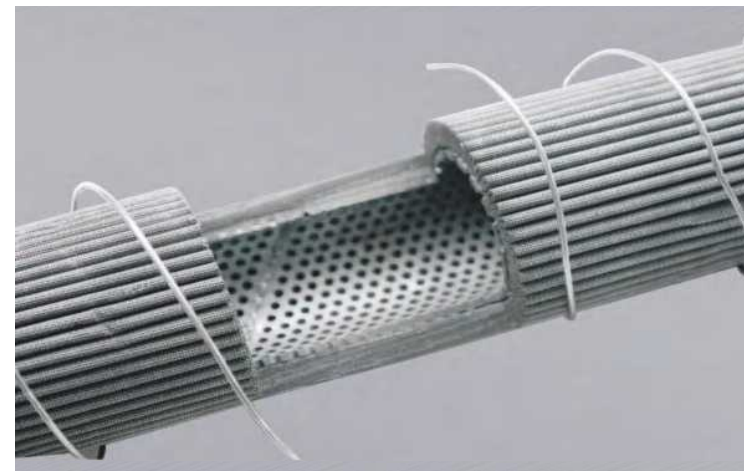
► 产品信息/Product Overview

采用磷青铜粉、不锈钢粉等金属粉末经高温烧结而成。主要用于各种介质的净化过滤、工业消声器等，可根据需要制成滤芯、滤片、消声元器件等。

The Copper Powder Sintered Filter Cartridge is made by sintering phosphor bronze, stainless steel, and other metal powders at high temperatures. It is widely used in purification filtration of various media, as well as in industrial silencers. The filter can be customized into cartridges, filter plates, or silencing components, depending on the specific requirements.



化纤熔体用过滤芯/Man-Made Fiber Melt Filtration Cartridge



► 产品信息/Product Overview

此滤芯主滤材主要采用不锈钢编织网和不锈钢纤维烧结毡两种。不锈钢编织网是由不锈钢丝编织而成，其折叠滤芯具有通道光滑、易清洗、耐高温、耐腐蚀、丝网不脱落、过滤周期长等特性。不锈钢纤维烧结毡是一种采用不锈钢纤维经高温烧结而成的多孔深层过滤型材料，其折叠滤芯具有孔隙率高，透气性好，纳污能力强，再生能力强等特性。

The main filter materials for this cartridge are primarily made from stainless steel woven mesh and stainless steel fiber sintered felt. The stainless steel woven mesh is made by interweaving stainless steel wires, offering smooth flow channels, easy cleaning, high-temperature and corrosion resistance, no wire shedding, and long filter life. Stainless steel fiber sintered felt is a porous, deep-layer filtering material made by sintering stainless steel fibers at high temperatures. The pleated filter cartridge made from this material features high porosity, excellent permeability, strong dirt-holding capacity, and excellent regenerability.

产品特点/Product Features:

过滤面积大（是普通圆柱形滤芯的5-10倍）、过滤精度范围广（1-300μm）。

Large filtration surface area (5-10 times larger than regular cylindrical filter cartridges); Broad filtration accuracy range (1-300 μm)

产品典型应用参数/Typical Application Parameters

- 工作压力:30MPa；
- 工作温度:300℃；
- 纳污容量:16.9~41mg/cm²。

- Working Pressure: 30 Mpa
- Working Temperature: 300°C
- Dirt-holding Capacity: 16.9~41 mg/cm²

产品连接方式/Product Connection Methods

标准接口（如222、220、226）、快接口连接、螺纹连接、法兰连接、拉杆连接、特殊定制接口。

Standard connections (e.g., 222, 220, 226), Quick-connect fittings, Threaded connections, Flange connections, Latch connections, Customizable connections

产品主要用途/Primary Applications

- 聚脂、长丝、短丝、薄膜生产中聚合物熔体的过滤；
- 高温气体、蒸汽的过滤；
- 高温液体、粘稠液体的过滤。
- Filtration of polymer melts during the production of polyester, long fibers, short fibers, and films
- Filtration of high-temperature gases and steam
- Filtration of high-temperature and viscous liquids

化工过滤用滤芯/Chemical Filtration Cartridge

产品信息/Product Overview

采用五层或多层不锈钢丝网经高温烧结后深加工而成，或采用不锈钢丝网折叠工艺加工而成。使其具有渗透性好、纳污能力强，过滤面积大、使用寿命长、耐高温耐腐蚀，可清洗再生，反复使用等明显特点，广泛应用于石油、化工等行业的过滤系统。

This filter cartridge is made from five or more layers of stainless steel mesh that are sintered at high temperatures and then further processed, or from stainless steel mesh that has been folded. It features excellent permeability, strong dirt-holding capacity, large filtration area, long service life, high resistance to heat and corrosion, and the ability to be cleaned, regenerated, and reused. These characteristics make it widely used in filtration systems in industries such as petroleum and chemicals.

主要连接方式/Main Connection Methods

- 标准接口 (如222、220、226) ;
- 快接口连接;
- 螺纹连接;
- 法兰连接;
- 拉杆连接;
- 特殊定制连接。
- Standard connections (e.g., 222, 220, 226)
- Quick-connect fittings
- Threaded connections
- Flange connections
- Latch connections
- Customizable connections

产品应用领域/Applications:

用于聚酯、水处理、油品、制药、食品饮料、化工、化纤产品过滤以及高温空气等介质的过滤。

Filtration in polyester, water treatment, oils, pharmaceuticals, food and beverage industries, chemicals, synthetic fiber products, and high-temperature air filtration.



煤矿用液压滤芯/Hydraulic Filter Cartridge for Coal Mines

产品信息/Product Overview

各类不同要求的液压油滤芯过滤器，是保证液压机械稳定可靠地工作，延长使用寿命必不可少的手段，我们有雄厚的技术力量和先进的生产工艺，可为客户提供各种液压滤芯配件，亦可来样加工。

Hydraulic oil filter cartridges are crucial for maintaining the stable operation of hydraulic machinery and prolonging its service life. With a strong technical foundation and advanced production methods, we offer a wide range of hydraulic filter cartridges and components, as well as the ability to process custom orders based on client samples.



阀体微型滤芯/Micro Filter Cartridge for Valve Body

产品信息/Product Overview

经真空电子束焊接，用于液压和气动控制系统中各种精度伺服阀液压油或气体的过滤，具有精度高、强度钢性好、阻力小、流量大、本身清洁度高、使用方便、滤孔稳定、使用周期长等特点，可替代青铜粉末烧结滤芯（第一代阀滤）和骨架包覆金属网滤芯（第二代阀滤）以及进口金属丝缠绕滤芯，使伺服系统更加稳定和可靠，已广泛应用于航空航天、液压机械、精密机床、自动控制等领域。

The filter cartridge is vacuum electron beam welded and is used in hydraulic and pneumatic control systems to filter hydraulic oils or gases in various precision servo valves. It features high filtration precision, excellent strength and rigidity, low resistance, high flow capacity, self-cleaning properties, stable filtration pores, and a long service life. It can replace the first-generation bronze powder sintered filters, second-generation metal mesh-wrapped filters, and imported metal wire wound filters. This product improves the stability and reliability of servo systems and has been widely used in aerospace, hydraulic machinery, precision machine tools, and automatic control systems.





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