



SGS C E ISO9001

2018版 温州海德能环保设备科技有限公司
Wenzhou Haideneng Environmental Protection Equipment&technology Co.,ltd

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Change the water around into the water you need

把您身边的  变成需要的 



去离子水设备 / 纯净水设备 / 矿泉水设备 / 二级反渗透纯化水设备 / EDI超纯水设备 / 海水淡化系统 / 直饮水设备 / 中水回用设备 / 无菌水箱 / 过滤器等设备专业制造商

Professional manufacturer of deionized water machine/pure water machine/mineral water machine/purified water machine/direct drinking water machine/mineral water machine/purified water machine/direct drinking water machine/waste water reclaimed and reuse system/EDI ultra water purifying system/sea water desalination system.



温州海德能环保设备科技有限公司

Wenzhou Haideneng Environmental Protection Equipment&technology Co.,ltd

Application field 应用领域

 <p>★电子工业 达到美国SEMI标准和国家电子级四级用水标准(最高级)</p> <ul style="list-style-type: none"> ▶ 电子行业用高纯水设备 ▶ 电池工业生产用水设备 	<p>Electronics Industry SEMI standards and to reach the United States National Electronics level four water standards (most advanced)</p> <ul style="list-style-type: none"> ▶ The electronics industry with highly pure water equipment ▶ Battery of industrial production of water equipment 	<p>主要用途</p> <ul style="list-style-type: none"> ◆ 单晶硅、微电子产品生产用高纯水 ◆ 半导体、显象管等制造业用高纯水 ◆ 电脑电路板等集成电路板生产用高纯水 ◆ 蓄电池、锂电池、太阳能电池、干式电池等电池生产用水 	<p>Major uses</p> <ul style="list-style-type: none"> ◆ silicon, micro-electronics products with high purified water ◆ semiconductors, tubes and other manufacturing industries with high water ◆ computer circuit boards, such as integrated circuit board production by high water ◆ batteries, lithium batteries, solar power batteries, dry cell batteries, such as the production of water
 <p>★食品、饮料 水质纯净、稳定、无菌各项指标均达到企业或国家相关标准。</p> <ul style="list-style-type: none"> ▶ 饮用矿泉水设备 ▶ 饮用纯净水设备 ▶ 直饮水系统工程 	<p>Food, Beverage Water pure, stable, sterile indicators meet the enterprise or country-related criteria.</p> <ul style="list-style-type: none"> ▶ Drinking mineral water equipment ▶ Drinking pure water equipment ▶ Drinking Water Systems Engineering 	<p>主要用途</p> <ul style="list-style-type: none"> ◆ 纯净水、蒸馏水、矿化水、天然水、矿泉水 ◆ 白酒勾兑生产用水、啤酒生产用水 ◆ 食品、饮料生产用纯净水 ◆ 宾馆、楼宇、生活小区直饮水 	<p>Major uses</p> <ul style="list-style-type: none"> ◆ pure water, distilled water, mineralized water, natural water, mineral water ◆ Liquor Blending water production, beer production water ◆ food, beverage production using pure water ◆ hotels, buildings, drinking water straight community livelihood
 <p>★医药行业 无菌、无热源纯水。各项指标均达国家2005版及美国药典24版的要求，完全符合GMP等认证标准。</p> <ul style="list-style-type: none"> ▶ 纯化水设备 ▶ 血透用纯水机 	<p>Pharmaceutical industry Sterile, non-heat water. Indicators each country and the United States Pharmacopoeia 2005 Edition 24 version of the request, in full compliance with the GMP certification standards, etc.</p> <ul style="list-style-type: none"> ▶ Water purification equipment ▶ Hemodialysis with pure water machine 	<p>主要用途</p> <ul style="list-style-type: none"> ◆ 制药、针剂用纯水、高纯水、无菌水等 ◆ 保健品、口服液生产用纯水工程 ◆ 药品原料、中间产品提纯分离 ◆ 医疗血液透析、生化分析 ◆ 医疗器械、注射用水 	<p>Major uses</p> <ul style="list-style-type: none"> ◆ pharmaceutical, injection with pure water, high pure water, sterile water, etc. ◆ health care products, oral liquid for production of pure water works ◆ drug raw materials, intermediate products purification separation ◆ Medical hemodialysis, biochemical analysis ◆ medical appliances, water for injection
 <p>★日用化妆品 随着化妆品行业的迅速发展，对水质的要求越来越高，海德能将是您提高产品质量的最佳选择。</p> <ul style="list-style-type: none"> ▶ 去离子水设备 	<p>Cosmetics With the rapid development of cosmetic industry, more and more demands on the water quality high, Haideneng will improve the quality of products are your best choice.</p> <ul style="list-style-type: none"> ▶ Deionized water equipment 	<p>主要用途</p> <ul style="list-style-type: none"> ◆ 护肤品生产用纯水 ◆ 洗发水生产用纯水 ◆ 染发剂生产用纯水 ◆ 牙膏生产用纯水 ◆ 各种清洗液生产用纯水 	<p>Major uses</p> <ul style="list-style-type: none"> ◆ skincare pure water production ◆ shampoo with pure water production ◆ hair for production of pure water ◆ toothpaste production of pure water ◆ a variety of cleaning fluid for production of pure water
 <p>★化学化工 高品质的水能使化工产品质量胜人一筹。</p> <ul style="list-style-type: none"> ▶ 工业纯水设备 	<p>Chemistry and Chemical Engineering High-quality chemical products will enable the quality of water one-upmanship.</p> <ul style="list-style-type: none"> ▶ Industrial pure water equipment 	<p>主要用途</p> <ul style="list-style-type: none"> ◆ 纺织印染、造纸用水 ◆ 化工试剂生产用纯水 ◆ 化学药剂生产用纯水 ◆ 化肥及精细化工生产用纯水 	<p>Major uses</p> <ul style="list-style-type: none"> ◆ textile printing and dyeing, paper making water ◆ chemical reagent for production of pure water ◆ chemicals for production of pure water ◆ Fine Chemical fertilizers and pure water production
 <p>★表面处理 高品质的纯水使电镀产品光彩永存。</p> <ul style="list-style-type: none"> ▶ 去离子水设备 	<p>Surface Treatment High-quality pure water to make plating shining forever</p> <ul style="list-style-type: none"> ▶ Deionized water equipment 	<p>主要用途</p> <ul style="list-style-type: none"> ◆ 电镀、玻璃镀膜用高纯水 ◆ 超声波清洗、超音波清洗用纯水 ◆ 汽车、家电、建材产品表面涂装、清洗纯水 	<p>Major uses</p> <ul style="list-style-type: none"> ◆ Electroplating, glass coated with highly pure water ◆ ultrasonic cleaning, ultrasonic cleaning with pure water ◆ automotive, appliance, building material products surface coating, cleaning water

ABOUT US 企业简介



温州海德能环保设备科技有限公司专业制造各类环保水处理设备：

纯净水设备，矿泉水设备，去离子水设备，医用纯化水设备，EDI超纯水设备，中水回用设备，海水淡化系统，工厂直饮水设备，饮用水灌装生产线：桶装机，瓶装机，喷码机，吹瓶机，液体包装机等成套生产线设备。本公司是具备技术研究，集开发、设计、制造、安装、调试，人员培训为一体全套服务的工程技术公司。

本公司集经验丰富的工程科技人员，竭诚为、电子、电器、纺织、生化、化工、表面处理、食品、乳品、饮料、生物制药、锅炉、酿造、电镀、皮革、印染、涂装、颜料、胶水，豆制品等各行业。提供不同需求的水处理生产线和交钥匙工程。如：工业纯水设备、污水处理设备、SSCC中水回用设备、饮用纯净水、矿泉水、纯化水、软化水、及其他一切工业用去离子水设备。

Wenzhou Haideneng Environmental Protection Equipment & Technology Co., Ltd. is a professional manufacturer of all sorts of water treatment equipment as well as an engineering company that integrates technology research, development, design, production, installation and personnel training in one.

Gathering engineering technicians with abundant experience, we will do our best to serve food, dairy, beverage, biology and pharmacy, boiler, brewing, electronic, electric appliance, electroplate, leather, printing and dyeing, painting and dying, paint, chemical, and surface treatment industries. We supply water treatment production lines and all other industrial equipment of de-ion water.





公司形象 Corporate image



部份客户拜访公司与展会花絮 Some customers visit us in company and fair





产品介绍:

反渗透是用足够的压力使溶液中的溶剂（一般指水）通过反渗透膜（或半透膜）而分离出来，故称为反渗透。反渗透作为高效的脱盐工艺技术，可将原水中的无机离子、细菌、病毒、有机物及胶体等杂质去除，以获得高质量的纯净水。根据各种物料的不同渗透压，就可以使用大于渗透压的反渗透方法达到分离、提取、纯化和浓缩等目的。

膜分离技术与特点:

膜分离是在20世纪初出现，20世纪60年代后迅速崛起的一门分离新技术。膜分离技术由于兼有分离、浓缩、纯化和精制的功能，又有高效、节能、环保、分子级过滤及过滤过程简单、易于控制等特征，因此，目前已广泛应用于食品、医药、生物、环保、化工、冶金、能源、石油、水处理、电子、仿生等领域，产生了巨大的经济效益和社会效益，已成为当今分离科学中最重要的手段之一。

主要膜分离技术包括：反渗透、纳滤、超滤、微滤等产品现已广泛应用于

应用领域:

- ★食品、饮料行业用水、饮料、乳业、酿造配制用水、低度勾兑用水、 纯生啤酒过滤
- ★桶装、瓶装饮用水、饮用纯净水、天然水、矿泉水、矿化水
- ★医用制药行业用水、医用大输液、注射剂、生化制品用水、医用无菌水及人工肾析用水
- ★电子工业用水、单晶半导体、集成电路块、显象管用超纯水系统
- ★电力行业用水、热力、火力、锅炉动力给水系统
- ★化工行业用水、化工工艺、化学药剂、精细化工、化妆品制造过程用水系统
- ★工业产品及涂装用水汽车、家用电器、建材产品表面涂装、清洗、镀膜玻璃及蓄电池用纯水系统
- ★化工、医药分离浓缩
抗生素分离提纯、活性染料脱盐、电镀废水回收、大豆蛋白回收、海带提取甘露醇。
- ★家庭、集团型净水设备
楼宇、社区、宾馆、机场、房产物业优质供水 网络系统及游泳池水质净化设备
- ★温州海德能系列反渗透去离子水设备利用反渗透膜分离技术，离子去除率达到99%，同时杂质，细菌，等都被去除，广泛应用于电镀，电子，电池，电器，化工，皮革，印染，胶水，玻璃，涂装，等表面处理行业。



完达山药业(2套15m³/h反渗透纯净水设备)
Wandashan Medicine (15m³/h high pure water RO pure water equipment for medicine factory)

Product Description:

Reverse osmosis use enough pressure to separate solvent (usually it is water) of solvent through film of reverse osmosis (or semi-permeable membrane), so it is called reverse osmosis. Reverse osmosis ,as high efficient technology of desalting, can remove impurity such as inorganic ion, bacteria, virus, organic substance and colloid etc in original water so that obtain high quality pure water. Reverse osmosis method that is bigger than pressure of penetration can be used to separate, extract, purify and concentrate according to different penetration pressure of different material.

Film Separates Technique And Characteristics:

HDNRO-V series reverse osmosis pure water equipment. This equipment remove the grain, impurity and colloid and residual chlorine tap water(well water) through reasonable and high efficient pre-treatment system, then remove microbe such as bacteria, virus and most ion of heavy metal that is harmful to human body with separation technology of hi-tech. reverse osmosis film, which can directly used to wine to mix water of manufacture use. This pure water is applied to food, dairy, all sorts of soft beverage and water preparation of distilled spirit, beer and sherry. With the improvement of life quality and sanitary requirement, people bring forward high and high requirement of water quality for product such as all sorts of soft beverage, food, dairy and wine, especially for taste and sanitary standard. It not only keep the special pure and aromatic of beer and sherry, but reduce process of technics, save energy consumption, decrease cost. System is designed to functions such as automatic and manual wash, no water stopping, protection of high and low pressure and control liquid level.

Application field

- ★Food, beverage, dairy industry, brewing mixed liquor, pure beer filtering etc.
- ★Barred and bottled pure drinking water, spring water, mineral water
- ★Ultrapure water for pharmaceutical filed, medicine, hospital transfusion, injection, dialysis solution for artificial kidney and bio-chemical product with pure water, etc.
- ★Ultrapure water for electronics industry, single crystal semiconductor, integrated circuit, teletron, etc.
- ★Pure Water system for power industry, heating power industry, firepower industry, boiler industry
- ★Pure water for chemical industry, chemical process technology, chemical agent, Fine Chemistry, cosmetic product making, etc.
- ★DI water (deionized water) for industry product, such as car painting, domestic appliance, building materials coating, washing, coated glass, accumulator production, etc.
- ★Drinking water system for hotel, community, office building, airport, railway station,pools,etc.
- ★We use reverse osmosis technology for the deionized water system, the pore of RO membrane ≤0.0001um. 99.2% of the heavy metal ion、cancerogen、etc in water will be absolutely removed. Produced deionized water can be widely use for electronics, chemicals, electroplating, glass coating, ultrasonic cleaning, dyeing, paper making, etc.



浙江楠溪江啤酒有限公司(40m³/h反渗透纯净水设备)
Zhejiang Nanxriver brewery Co.,Ltd (40m³/h Reverse Osmosis equipment)



云南茅粮酒业集团有限公司(15m³/h反渗透纯水设备)白酒勾兑用水
Yun nan maoliang wine groud Co.,LTD Capacity (15m³/h Reverse Osmosis pure water equipment)



山东小家伙(2套15m³/h反渗透纯净水设备)
Shandong Sonny(Capacity 15m³/h two stage Reverse Osmosis pure water equipment)



温州永强饮品公司(25m³/h反渗透+20m³/h超滤)
Wenzhou Yongqiang Drinking Products Company(Capacity 25m³/h Reverse osmosis +20m³/h Ultrafiltration equipment)



吉林森工集团泉阳泉矿泉水有限公司(15m³/h超滤设备)
Jilin Forest Industry Group quanyangquan beverage Co.,Ltd. (Capacity 15m³/h Ultrafiltration equipment)



凯泰树脂镜片厂(2m³/h镜片清洗用超纯水)
Kaitai Resin eyeglass factory (2m³/h super pure water equipment for washing)



上海瑞耳高泰医疗器械有限公司(2m³/h二级反渗透纯化水设备)
Shanghai Realgold Medical Co.,Ltd (2m³/h two stage Reverse Osmosis equipment)



苏州新波生物科技有限公司(2m³/h 一级反渗透+二级EDI超纯化水设备)
Shuzhou xingbo biological science technology Co.,Ltd (2m³/h RO +two stage EDI water purifying system)



山东聊城华康生物科技有限公司(10m³/h 二级反渗透纯化水设备) 催化剂行业用水
Shandong liaocheng huakang biological science &technology Co.,Ltd (10m³/h our two stage water purifying system)



湖北黄石欧郎药业(5m³/h 二级反渗透纯化水设备)
Hubei Huangshi Langou Pharmaceutical Co.,Ltd (Capacity 5m³/h two stage Reverse Osmosis equipment)



哈药集团世一堂(2m³/h 二级反渗透纯化水设备)
Harbin Pharmaceutical Group Shiyitang (Capacity 2m³/h two stage Reverse Osmosis equipment)



丽水晶艺饰品有限公司
(1m³/h反渗透+EDI水钻用高纯水设备)



膜技术应用领域 Membrane technology application field

07

清洁饮用水是人类生存的必要条件，环境污染迫使我们首先必须对水净化处理，才能安全地饮用。管道直饮水是90年代欧美发达国家的饮水革命，在我国北京、上海、广州、深圳等到城市是以居民楼、住宅区、办公楼、宾馆、学校等单位供水采用“双管入户、分质供水”工程。主要内容是地面（多层楼）或楼顶（高层楼）建造饮用净水集中供水站，装备一套反渗透、纳滤制水设备。制水设备生产的饮用净水先送入大型不锈钢储水罐中，然后通过采用食品级环保健康水管和闭路循环结构的特殊管网直接供应到各家住户，使住户在家中打开水龙头便可取用优质口感甘醇饮用净水。

分质供水的净水工艺是对自来水的深度处理，它通过过滤、软化、膜分离（RO 或 UF）杀菌等方法，去除水中有害重金属、有机物、细菌及病毒等杂质，使其成为优质饮用净水（或纯净水），通过专设的特种卫生管道直接送入每家每户，供居民使用，与原有的自来水彻底分开，原自来水成为日杂用水。这种把两条管道分不同水质，供应饮用水和生活用水方式称作管道优质饮用净水，也称分质供水。

Clean drinking water is a necessity for humans to survive, and environmental pollution has compelled us to make water purifying treatment before drinking safely. Pipeline instant drinking water is a revolution in developed countries in America and Europe in nineties. In China, in cities such as Beijing, Shanghai, Guangzhou, and Shenzhen etc, "Double-pipe entering doors, quality-separation water supply" project is implemented for drinking water supply in units such as residential buildings, residential communities, office buildings, hotels, and schools etc. It mainly means to build up centralized drinking water supply station on ground (multi-floor building) or roof (high building), and to attach a set of reverse osmosis and water acceptance & filter equipment. Drinking clean water produced by water manufacturing equipments are fed into large-scale stainless steel water storage tank firstly, then through food level environmental protection and healthy water pipes and special pipeline network of close-loop circulating structure, supplied directly to every family, to make every resident able to enjoy superior-quality, sweet drinking water only by turn on taps of tap water at home.

Purifying technology in quality-separation water supply is to carry out deep treatment on tap water. It eliminates impurities such as harmful heavy metals, organic substances, bacteria and virus etc, in water, by methods such as filtering, softening, film separating (RO or UF) and sterilization etc, to obtain superior-quality drinking clean water (or pure water), and transfer into every family directly through special pipes for residents to use. It is separated from daily tap water, and original tap water is used as daily usage water. The method to separate water of different qualities by two different pipelines in order to provide drinking water and living usage water, is called as pipeline superior-quality drinking water supply, or quality-separation water supply.



100GPD-家用RO纯水机 Household RO water purifier
 壁挂式饮水机系列 wall hanging dispenser water machine serie
 200-400GPD-RO-核子级超纯水机实验室专用 200-400GPD-RO-Nuclear grade ultra pure water machine for laboratory

水质标准：
 符合国家生活饮用水标准
 世界卫生组织生活直饮水标准

WATER QUALITY STANDARD:
 In accordance with national living drinking water standard
 World Health Organization on living instant-drinking water standard



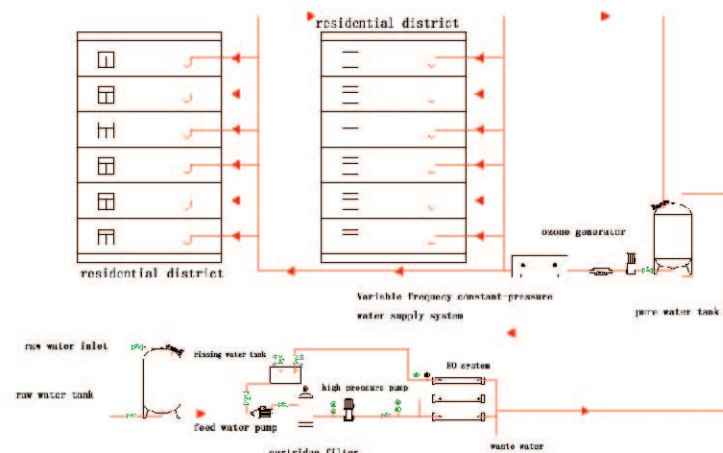
时产2吨全自动反渗透直饮水设备带变频恒压供水系统
 2m³/h RO system+Frequency conversion constant pressure water supply system



全自动直饮水带变频恒压系统
 Automatic direct drinking water frequency conversion constant voltage system



1吨反渗透设备+紫外线+变频恒压供水系统
 1 m³/h RO+UV+Frequency conversion constant pressure water supply system



校园、社区、酒店、宾馆、住宅楼等直饮水设备 Potable Water Equipment used for Hotel, Community, School



08



0.5吨全自动反渗透纯水设备
 (FRP桶软化水器加变频紫外线灭菌器)
 0.5m³/H Automatic RO pure water system
 (FRP barrels water softener plus frequency ultraviolet sterilizer)

2吨一级校园直饮水设备
 2m³/H Direct drinking water equipment on campus

时产2吨全自动反渗透直饮水设备
 2m³/H Automatic reverse osmosis direct drinking water equipment

时产2吨全自动反渗透纯水设备(带软化水器)
 2m³/H Automatic reverse osmosis pure water equipment (with water softener)



时产2吨全自动反渗透校园直饮水设备
 2m³/H Automatic reverse osmosis campus direct drinking water equipment

10吨生活水处理设备+紫外线带变频恒压供水系统
 10m³/H Domestic water treatment equipment + UV frequency conversion constant pressure water supply system

变频恒压供水系列
 Variable frequency constant pressure water supply series



反渗透纯净水设备、纯化水设备、去离子设备、超纯水设备
One stage RO Water System, Deionized Water System, two stage
RO ultrapure water system

09



时产300L全自动反渗透纯水机
300L/H Automatic RO Pure Water Machine



0.5m³/h全自动反渗透纯水机与手动反渗透纯水机
0.5m³/h automatic RO pure water machine and
manual RO pure water machine



0.5m³/h全自动反渗透纯水设备带软化水器
0.5m³/h fully automatic reverse osmosis water equipment with softener



1m³/h全自动反渗透纯水设备
1m³/h fully automatic reverse osmosis water system



1m³/h全自动反渗透纯水设备(带软化)
Capacity 1m³/h fully automatic one stage
Reverse Osmosis water system



2m³/h全自动反渗透纯水设备
2m³/h automatic RO pure water system



时产2吨全自动反渗透纯水设备带软化水器
2m³/h Automatic RO pure water machine with Softener



时产3吨全自动反渗透纯水设备
3m³/H Automatic RO Pure Water Machine



时产1吨全自动反渗透纯水设备
1m³/H Automatic RO Pure Water Machine



时产1吨全自动反渗透纯水设备
1m³/H Automatic RO Pure Water Machine



时产6吨全自动反渗透纯水设备带两个纯水箱
6m³/H Automatic RO Pure Water Machine
two pure water tank



时产5吨全自动反渗透纯水设备带软化水器
5m³/h Automatic RO pure water machine with Softener

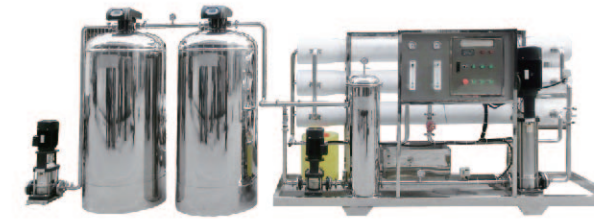
反渗透纯净水设备、纯化水设备、去离子设备、超纯水设备
One stage RO Water System, Deionized Water System, two stage
RO ultrapure water system



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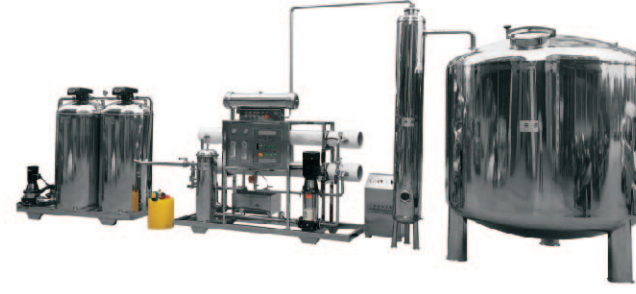
5m³/h全自动反渗透纯水设备(带加药装置)
5m³/h automatic RO pure water system(with dosing device)



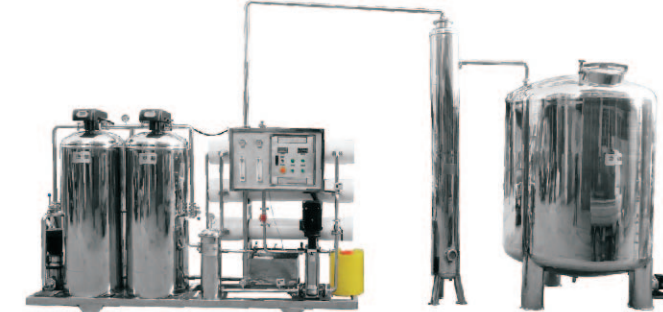
6m³/h一体化全自动反渗透纯水设备
Capacity 6m³/h fully automatic one stage Reverse Osmosis system



20m³/h全自动反渗透纯水设备
20m³/h fully automatic reverse osmosis pure water system



5m³/h全自动反渗透纯水成套设备
5m³/h fully automatic reverse osmosis pure water system



3m³/h全自动反渗透纯水设备正面图
3m³/h fully automatic reverse osmosis pure water system



20m³/h一体化自动反渗透纯水设备(FRP预处理)
Capacity 20m³/h all-in-one Single stage Reverse Osmosis
pure water machine(FRP pretreatment filter)



时产20吨全自动反渗透纯水设备
20m³/H Automatic RO Pure Water Machine



时产20吨全自动反渗透纯水设备
20m³/H Automatic RO Pure Water Machine

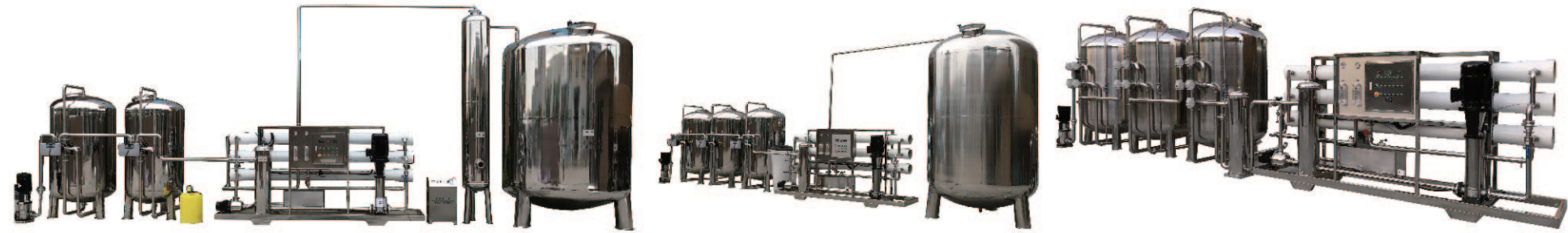


时产16吨反渗透纯水设备带臭氧混合塔
16m³/H Automatic RO Pure Water Machine with Ozone Tower



反渗透纯净水设备、纯化水设备、去离子设备、超纯水设备
 One stage RO Water System, Deionized Water System, two stage
 RO ultrapure water system

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时产10吨带软化全自动反渗透纯水设备
 Producing 10TPH fully automatic RO pure water system(With Softener)

时产10吨带软化全自动反渗透纯水设备
 Producing 10TPH fully automatic RO pure water system(With Softener)

时产10吨带软化全自动反渗透纯水设备
 Producing 10TPH fully automatic RO pure water system(With Softener)



时产5吨全自动反渗透纯净水成套设备 (带臭氧混合塔+无菌水箱)
 5T/H Automatic RO Pure Water Machine
 with Ozone Mixing Tower +Water Tank

时产3吨二级反渗透纯化水设备带纯化水箱
 3m³/h Two Stage RO Purified Water Equipment with Water Tank

时产1吨全自动二级反渗透纯化水+EDI超纯去离子水设备
 1T/H Automatic Two Stage RO Ultrapurewater Machine with EDI



10m³/h全自动反渗透纯水设备
 10m³/h fully automatic reverse osmosis pure water system

20m³/h全自动反渗透纯水设备
 20m³/h fully automatic reverse osmosis pure water system



反渗透纯净水设备、纯化水设备、去离子设备、超纯水设备
 One stage RO Water System, Deionized Water System, two stage
 RO ultrapure water system

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0.5m³/h全自动二级反渗透纯化水系统
 0.5m³/h RO + EDI ultra pure water system

0.5m³/h反渗透+EDI超纯水设备
 0.5m³/h RO + EDI ultra pure water system

1m³/h全自动反渗透纯化水系统
 1m³/h automatic RO purified water system



2m³/h二级反渗透医药纯化水系统
 2m³/h double RO purified water system for pharmaceuticals

3m³/h 全自动二级反渗透纯化水设备
 (带软化器+不锈钢膜壳)
 3m³/h automatic double RO purified water
 system (softener + SS RO vessels)

时产0.25吨带软化水全自动二级反渗透纯化水设备
 Producing 0.25TPH With softener fully automatic
 Double stage RO purified water system

0.25吨全自动二级反渗透纯化水设备
 0.25m³/H Automatic two stage RO Purified Water Machine



时产1吨带软化器全自动二级反渗透纯化水设备
 1T/H Automatic Two Stage RO Purified Water Machine

2吨二级纯化水设备
 2m³/H Two Stage Purified Water Machine

2吨二级纯化水设备
 2m³/H Two Stage Purified Water Machine



反渗透纯净水设备、纯化水设备、去离子设备、超纯水设备
 One stage RO Water System, Deionized Water System, two stage
 RO ultrapure water system

13



3m³/h 全自动二级反渗透纯化水设备
 3m³/h double RO purified water system



时产25吨全自动二级反渗透纯化水设备 (带软化水器)
 25m³/h Automatic double RO purified water system (softener)



时产3吨二级反渗透+EDI超纯水设备
 3m³/h Automatic double RO pure water system



时产5吨全自动二级反渗透纯化水设备
 Producing 5TPH fully automatic double stage RO purified water system



时产8吨全自动二级反渗透+EDI超纯水设备
 8m³/h Automatic double RO pure water system



时产10吨全自动二级反渗透纯化水设备
 10m³/h Automatic double RO pure water system



大型反渗透水处理设备及工程项目(实例)
 Large scale RO water treatment project

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时产25m³医药用二级反渗透纯化水制取系统
 25m³/hour two pass RO water purifying system for pharmaceutical field



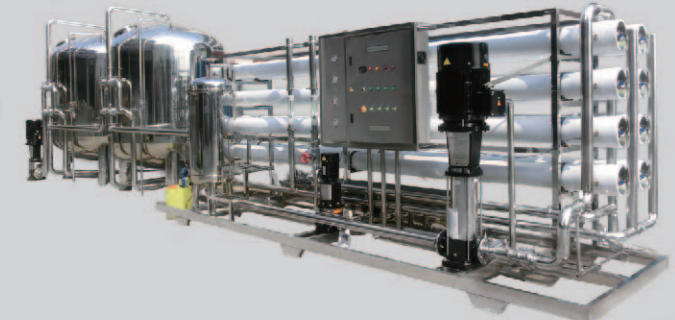
50m³/h 反渗透纯水设备
 50m³/h fully automatic reverse osmosis pure water system



时产20m³ CCUF+SSRO 中水回用设备
 20m³/h CCUF+SSRO reclaimed water treatment system



时产30吨反渗透纯水设备
 30m³/h RO pure water system



时产40m³一级反渗透纯水系统
 40m³/hour one pass Reverse osmosis water treatment plant



SSCC多膜法中水回用设备

SSCC Waste Recycle And Reuse System

将生活污水作为水源，经过适当处理后作杂用水，其水质指标间于上水和下水之间，称为中水，相应的技术称为中水技术。经处理后的中水可用到厕所冲洗、园林灌溉、道路保洁、城市喷泉等。对于淡水资源缺乏，城市供水严重不足的缺水地区，采用中水技术既能节约水源，又能使污水无害化，是防治水污染的重要途径，也是我国目前及将来长时间内重点推广的新技术、新工艺。

理设备方法如下：

- 1、生物处理法利用水中微生物的吸附、氧化分解污水中的有机物，包括好氧和厌氧微生物处理，一般以好氧处理较多。
- 2、物理化学处理法 以混凝沉淀（气浮）技术及活性炭吸附相结合为基本方式，与传统的二级处理相比，提高了水质，但运行费用较高。
- 3、多膜法处理 采用SSCC特殊处理：CCUF超滤（微滤）及SSRO反渗透膜有机结合处理，其优点是SS去除率很高，占地面积与传统的二级处理相比，减少了很多。中水回用率可达60%以上。且膜不容易污堵，本工艺以广泛应用于多领域：电镀，印染，化工，医院，电子，等重污染工业。

中水处理工艺流程的选择

确定工艺流程时必须掌握中水原水的水量、水质和中水的使用要求，应根据上述条件选择经济合理、运行可靠的处理工艺；在选择工艺流程时，应考虑装置所占的面积和周围环境的限制以及噪声和臭气对周围环境带来的影响；中水水源的主要污染物是有机物，目前大多数以生物处理为主处理方法；在工艺流程中消毒灭菌工艺必不可少，一般采用含氯消毒剂进行消毒。

中水处理的工艺流程主要取决于中水水源和中水的用途，中水水源不仅影响处理工艺的选择，而且影响处理成本，因此，中水水源的选择十分关键；目前，我国主要以小区生活污水作为中水水源，所处理的中水主要用于浇花、冲厕、洗车等。

中水的水质标准

目前我国还没有中水回用的统一标准，因此在中水回用时水质标准一般参考相关的行业标准或地方中水回用标准，用于一般景观生态用水应符合《再生水回用于景观水体的水质标准》(CJ/T95-2000)，用于生活杂用水应符合建设部《生活杂用水水质标准》(CJ/48-1999)，用于工业循环冷却水应符合《工业循环冷却设计规范》(GB/T50102-2003)。



生化调节池
Biochemical regulating pool



时产1吨双膜法中水回用设备
Producing 1TPH double-membrane reclaimed-water recycling systemB



时产15吨双膜法中水回用系统
15m³/h two-membrane reclaimed-water recycling system



The domestic sewage water after proper treatment can be recycle and use for some field, like washing toilet, garden irrigation, city road cleaning, city fountain, washing car, etc. Now the water quality is between sewage water and tap water, we name it reclaimed water. Some cities are short of freshwater resource, and municipal water supply is insufficient, it is very necessary to bring in waste water recycle and reuse technology to save water and protect environment. The domestic sewage water after proper treatment can be recycle and use for some field, like washing toilet, garden irrigation, city road cleaning, city fountain, washing car, etc. Now the water quality is between sewage water and tap water, we name it reclaimed water. Some cities are short of freshwater resource, and municipal water supply is insufficient, it is very necessary to bring in waste water recycle and reuse technology to save water and protect environment.

SWRO 海水淡化设备

SWRO Sea water desalination water system



1.供应设备型号：

根据产水能力区分，产水量从每天1吨起到每天10000吨不等的海水淡化设备共计30多种型号。

2.技术要求：

主要技术参数：

适用范围：TDS≤35000mg/L；

也可以根据客户需求单独设计；

回收率：35%~50%；

适应海水温度：5.0~30.0℃

吨淡水耗电：3.8kW·h/m³以下

出水水质：TDS≤600mg/L，

达到《世界卫生组织（WHO）饮用水水质准则》

1.技术指标适用范围：TDS≤35000mg/L；出水水质：TDS≤600mg/L，达到《世界卫生组织（WHO）饮用水水质准则》也可以根据客户需求单独设计；回收率：10%~35%；

适应海水温度：5.0~30.0℃

2.特点a.可将海水，苦咸水一次性淡化成符合世界卫生组织标准（WHO）的优质生活用水。b.操作简单，一键式操作即可实现启动制水和停机。c.体积小、重量轻，设计紧凑，外形美观，安装调试方便。d.它采用美国陶氏膜、美国CAT和丹麦的丹佛斯高压泵。e.模块化设计，特别适用于旧船，非常易于安装。



时产10m³ SWRO 海水淡化制取系统
10m³ /h SWRO water desalination system



时产2m³ SWRO 海水淡化制取系统
2m³ /h SWRO water desalination system



时产5m³ SWRO岛用海水淡化制取系统
5m³ /h SWRO water desalination system for Island



时产0.5m³ SWRO 船用海水淡化制取系统
0.5m³ /h SWRO water desalination system



时产0.3m³ SWRO 船用海水淡化制取系统
0.3m³ /h SWRO water desalination system

SWRO sea water desalination technology

There are different production capacities of SWRO water system, 1T/day to 10000T/day, etc.

Main Technical parameters:

Application range: TDS≤35000mg/L;

Recovery rate: 35%~50%;

water temperature range: 5.0~30.0℃

Power: Less than 3.8kW·h/m³

output water quality : TDS≤600mg/L, reach the standard of WHO drinking water standard

Advantages:

- 1.SWRO sea water desalination system can treat the sea water and brackish water into high quality drinking water in line with World Health Organization (WHO) water at one time.
- 2.Operation is simple, one-button operation to achieve the start and stop of water production.
- 3.The occupancy area is small, light weight, compact design, nice looking appearance, installation and debugging is easy and convenient.
- 4.Adopt USA Filmtec SWRO membrane and Danfoss high pressure pump
- 5.Modular design, very suitable for boats



多效蒸馏水机与纯蒸汽发生器 Multi-effect water distillator and pure steam generator.

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原理与特点:

该机在引进国外先进技术基础上并结合国内药厂实际的使用状况,采用列管降膜蒸发原理,加以再次改进,原料水通过特殊分布器均匀地布膜流动在管壁上,大大提高了蒸发效率,并采用特殊的"螺旋四次分离装置",绝对可靠的是除热原和微粒.二次蒸汽反复利用,使热能得到了充分发挥,具有明显的节能效果,是医院、药厂、电子、研究等行业的蒸馏水制造设备理想的选择。

概述:

该系列机型经过合理的科学计算,结合国内外先进机型进行优化设计,具有操作简便,运行稳定,结构紧凑,维修方便等优点.本机型多效蒸馏水机是以离子水为原料水,用蒸汽加热,采用先进PLC编程或全自动触摸屏控制的多效蒸馏水机,可实现人机对话,并对整个工作过程实现全自动记录、打印、监控、备查及自动保护装置。

主要技术参数:

本机技术要求符合JB20030-2004制药机械行业标准所产的蒸馏水,符合中华人民共和国药典中“注射用水”的各项品质指针规定。

This high-efficiency and energy-saving machine is designed by our engineering based on the carefully research of foreign similar advanced machine .The equipment consistants of such parts :evaporator ,condenser ,control box ,step-pump ,RHS-frame etc.Evaporator adopts a new rapidly falling film evaporating technique ,raw water will be steam through evaporating pipes ,then turn around 180 degree after coming into separating parts to make liquid drop and particulate separating fully .The distilled water quality can meet codex of P.R.C (2000 Edition)standards .It also can be automatically controlled ,rapidly distilled water output ,good heat-insulation efficiency ,perfect configuration ,reliable machine quality .It also can manufacture pure steam used in sterilization according to GMP requirements . The equipment apply to large, medium and small pharmaceutical companies to produce the Medical Pharmaceutical preparation water, injection water and so on, all levels of hospital preparation room, or chemical research institutes.

Product Structure

The product consists of 5 evaporator, 5 pre-heater, 5 vapor-liquid separator, 2 condenser, feed pumps, filters, control valves, flow meter, frame, piping and controller.

1. Evaporator

Using tube falling film evaporation technology,to ensure Reverse Osmosis Water(Pure water)uniform distribution in the inner wall of each evaporation tube to form a water film evaporation.

The effect of pure steam for the next evaporator to provide heat, its complete evaporation, liquefied form distilled water.

2. Vapor-liquid separator

Using steam and water split four separation techniques(Steam and water centrifugation, underneath rotary vane clapboard separation, wire mesh capture water droplet separation, upper rotary vane clapboard separation) to ensure distilled water heat source and endotoxin content lower.

3. Preheater

Using U-tube exchange heat, high heat exchange efficiency, good mechanical performance, long service life.

4. Condenser

Unique double condenser design, special made multiway reciprocating structure,heat transfer fully, no need special cooling water, distilled water can reach the required temperature

5. Piping

Pipeline design has no storage, no dead ends, low equipment failure rate, pipeline to connect using new type sanitary clamp connection both inside and outside mirror polish,neat appearance,operate quickly and conveniently.

6. Configuration

Adjusting valve,Automatic compensation valve,throttle valve,conductivity meter, temperature meter selected domestic and overseas high-tech products, Beautiful appearance, complete functions

7. Water Source

The equipment required the water source must be pure water or reverse osmosis water, any natural water or city water is infeasible.



时产3吨蒸馏水机
Producing 3TPH pavilion distillator



500L纯蒸汽发生器
500L pure vapor generator

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超滤矿泉水设备 Ultrafiltration mineral water treatment system

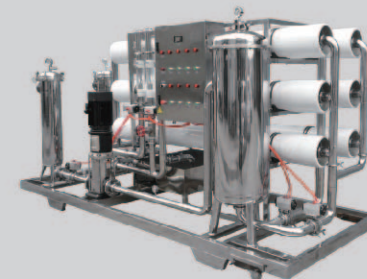


超滤膜是介于微滤和纳滤之间的一种膜过滤,适用于物质分离、浓缩和提纯的一种膜分离技术。它在实际应用中一般以截留分子量表征,主要用于将溶液中的大分子、胶体和微粒与溶剂等小分子物质进行分离。使大分子、胶体和微粒等被截留于膜表面,由物质循环流动带走而成了浓缩液,达到物质分离、浓缩和提纯的目的。超滤的应用领域主要涉及食品、饮料、生物医药、精细化工、工业废水处理与回用等。

Ultrafiltration film is a film filtering between micro-filtering and nanometer-filter, which is applied to separation, concentration and purification of substance. Its token is that withhold amount of molecule while it is used. It is mainly used to separate macromolecule, colloid and micro molecule substance such as mote solvent in liquor, which make macromolecule, colloid and mote etc withhold on the film surface; then substance cycle to flow to form concentration liquid and reach the aim of separation, concentration and purification of substance. The field applied of ultrafiltration film is food, drink, biology and medicine, industry of fine chemicals and treatment and reclaim to use of waste water.



时产15吨中空超滤矿泉水设备
15m³/h ultra filtration mineral water system



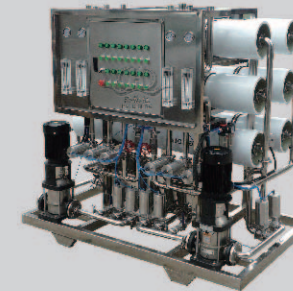
时产20吨的全自动中空纤维超滤设备 (应用范围: 中水回用)
20m³/h Automatic hollow fiber UF spring water equipment



时产15吨全自动中空纤维超滤系统
15m³/h Automatic Hollow fiber ultrafiltration system



1m³/h中空超滤设备
1m³/h Ultrafiltration equipment



时产6吨超滤浓缩设备
Producing 6TPH Ultra-filter concentrated system



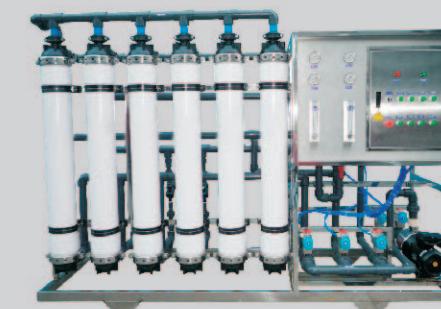
时产8吨全自动中空超滤矿泉水设备图
Producing 8TPH fully automatic hollow fiber UF mineral water equipment



3m³/h浓缩中空超滤设备
3m³/h concentrated Ultrafiltration equipment



时产5吨全自动中空超滤设备
5m³/h hollow Ultrafiltration system



12m³/h全自动中空纤维超滤矿泉水设备
12m³/h Automatical hollow fiber ultra filtration mineral water system



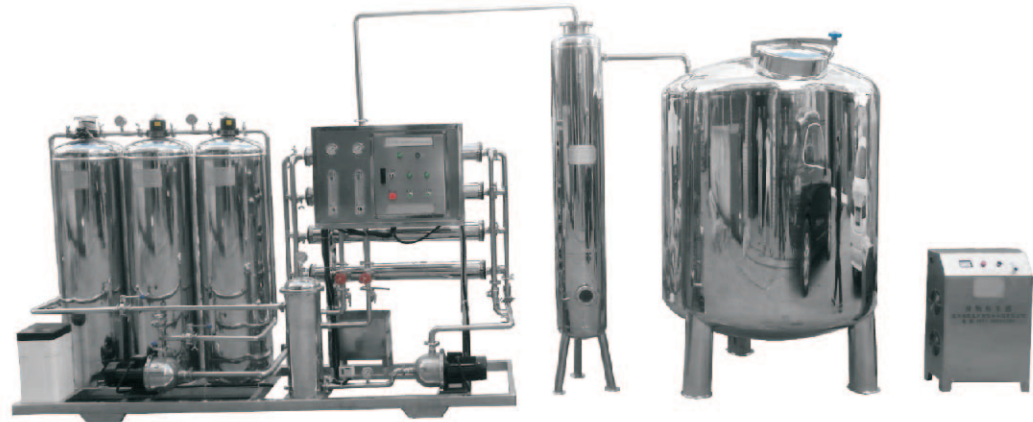
时产20吨全自动中空纤维超滤矿泉水制取生产线
20m³/h Fully automatic hollow fiber UF mineral water equipment



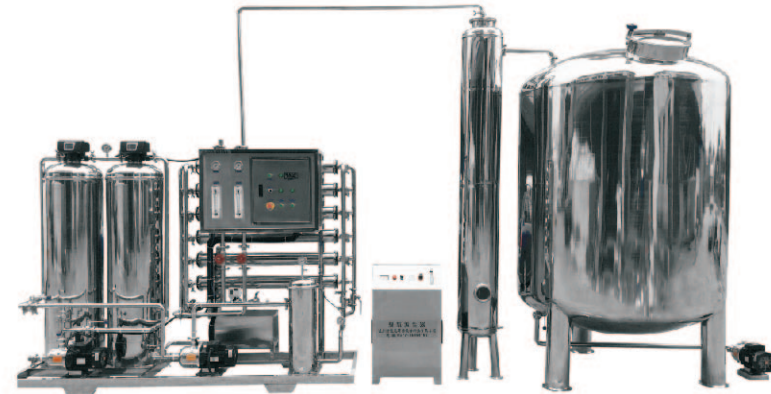
超滤矿泉水设备

Ultrafiltration mineral water treatment system

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时产2吨中空纤维超滤矿泉水设备带混合塔与无菌水箱与臭氧灭菌
2 m³/h Automatic hollow fiber UF mineral water system



时产3吨全自动矿泉水设备
3m³/h Automatic hollow fiber UF mineral water system



时产10吨中空纤维超滤矿泉水设备
10m³/h Automatic hollow fiber UF mineral water system



时产40吨中空超滤 矿泉水设备
40m³/h Automatic hollow fiber UF mineral water system



EDI超纯去离子设备

EDI Ultra pure water system

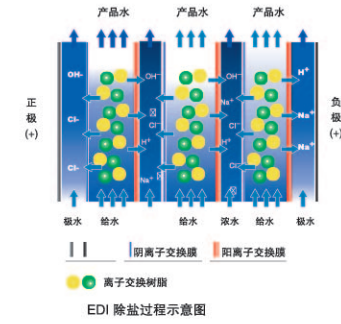
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连续电除盐 (EDI-Electro deionization)系统以反渗透的出水水质作为原水, EDI新技术可以代替传统的离子交换装置, 可以连续生产出10-18MΩ/cm的超纯水。

连续电除盐 (EDI-Electro deionization)技术是水处理工业的一场成本革命, 其最大的特点是利用电而不是酸碱对树脂进行再生, 所以非常经济实用, 可以用有限的能源消耗获得稳定的纯水。具有出水水质稳定、运用费用低、操作管理方便、占地面积小等优点, 从1986年EDI技术工业化以来, 已广泛应用于医药、电子、电力和表面清洗等工业领域, 取得了很好的经济效益, 受到广大用户的青睐, 使水处理技术的发展进入了一个崭新的阶段。

System of electro deionization makes water quality of out water of reverse osmosis as original water. New technology of EDI can replace traditional ion exchange device, which continuously manufacture 10-18MΩ/cm super-pure water.

EDI-Electro deionization technology is a cost revolution in water treatment industry. The biggest character is that utilize electric power to regenerate to resin not alkali and acid, so it is very economic and practical, which can obtain stable pure water with limit energy consumption. It possesses advantages such as stable water quality, low cost of application, easy and convenient operation and small area occupied. EDI has been widely used in the industrial field such as medicine, electronic, electric power and surface cleanout since 1986 it industrialized, which make good benefit of economy and is liked very much by vast customers. It makes the technology development of water treatment enter a brand-new stage.



8 m³/h EDI 装置
8 m³/h EDI system



5m³/h EDI 装置(超纯水设备专用)
5m³/h EDI device



1-2m³/h EDI 装置(超纯水设备专用)
1-2m³/h EDI device



时产8吨全自动二级反渗透+EDI超纯去离子水设备
8 m³/h fully automatic RO + EDI ultra pure water system



时产0.5吨全自动反渗透纯水设备带软化水器+EDI超纯水设备
0.5 m³/h fully automatic RO + EDI ultra pure water system



EDI超纯去离子设备 EDI Ultra pure water system

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时产1吨带软化水全自动RO+EDI超纯去离子水设备
Producing 1TPH with Softener fully automatic RO system+ EDI Ultra purified deionized water system



时产2吨全自动二级RO+EDI超纯去离子水设备
Producing 2TPH Fully automatic double stages RO system+ Ultra purified deionized water system



时产3吨全自动RO+EDI超纯去离子水设备
Producing 3TPH fully automatic RO system+ EDI Ultra deionized water system



时产5吨带软化水全自动RO+EDI超纯去离子水设备
Producing 5TPH with Softener fully automatic RO system+ EDI Ultra deionized water system



时产15吨EDI超纯去离子水设备
Producing 15TPH EDI Ultra deionized water system



时产3吨全自动RO+EDI超纯去离子水设备
Producing 3TPH fully automatic RO system+ EDI Ultra deionized water system

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阴阳离子交换/软化水设备 Ion Exchanger

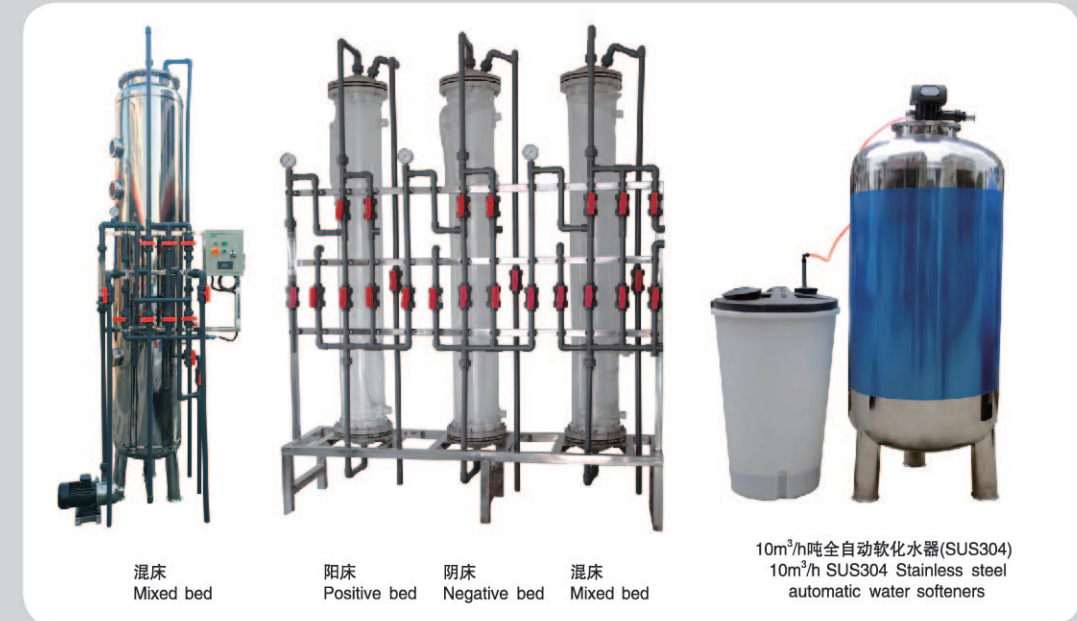


离子交换器是指采用离子交换剂,使交换剂和水溶液中可交换离子之间发生等物质量规则的可逆性交换,导致水质改善,而离子交换剂的结构并不发生实质性变化的水处理方式。

离子交换器技术在水处理领域中有广泛的应用。如水质软化、水质脱盐、高纯水制取,还可用于食品、药物的脱色提纯,重金属、化工原料的回收。离子交换器设备有阴阳床、混合床、再生床三个品种,阳床、阴床采用先进的逆流再生工艺,混合床设有柱内再生和阴树脂外移再生工艺,再生床是专为阴树脂外移再生的混合床操作工艺配置的。还设计制作其他各种类型的离子交换设备。

Ion exchanger is a water treatment method that adopt ion exchange agent to make exchangeable ions between exchange agent and water liquor occur to the reversible exchange of equal substance amount rule to result in improvement of water quality while the structure of ion exchange agent doesn't be substantially changed.

Ion exchanger technology is widely use in the water treatment field such as softening of water quality, desalting of water quality and manufacture and acquisition of high pure water; it is also used in food, de-color and purification of drug, heavy metal and reclaiming of chemical industry material. Ion three sorts exchanger has negative and positive bed, mix bed and regeneration bed; negative bed and positive bed adopt advanced regeneration technics of adverse current; mix bed has technics of inner column regenerat ion and negative resin move to outside regenerat ion; regeneration bed is specially collocated for operation technics of mix bed that negative resin is outward move. We also design and manufacture other sorts of ion exchanger equipment.



混床
Mixed bed

阳床
Positive bed

阴床
Negative bed

混床
Mixed bed

10m³/h全自动软化水器(SUS304)
10m³/h SUS304 Stainless steel automatic water softeners



全自动阴阳离子交换器
Automatic cation-anion exchanger

全自动软化水器
Automatic softener

全自动软化水器(一用一备型)
Automatic softener(one with a ready)

全自动软化水器
Automatic softener

全自动软化水器
Automatic softener

全自动软化水器
Automatic softener

带软化器+紫外线生活净化水设备
Ultraviolet water purifying equipment with softening device ten

时产6吨全自动软化水设备一用一备
Producing 6TPH fully automatic Softener system with one standby

时产10吨全自动软化水设备
Producing 10TPH fully automatic Softener water equipment



地下水、井水、景观水、工业生活水处理设备系列
Domestic Water Treatment Equipment Series for Underground Water, Well Water, Industrial Water, Landscape Water

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3吨雨水处理设备
3m³/h Rain water treatment equipment



时产4吨全自动砂滤+炭滤+软化水处理设备
4m³/h Automatic sand filter+carbon filter+softener system



曝汽塔+砂滤碳滤+臭氧灭菌器
Aeration tower+ sand filter and carbon filter+ozone treatment



时产8吨全自动砂滤+炭滤+软化水器水处理设备
8m³/h Automatic sand filter+carbon filter+softener system



时产10吨全自动砂滤+炭滤+软化水器+变频恒压供水系统水处理设备
10 m³/h Automatic sand filter+carbon filter+softener+ variable frequency constant-pressure water supply system



10吨生活水处理设备+紫外线带变频恒压供水系统
10m³/h Domestic water treatment equipment+ UV



时产10吨全自动生活水处理设备
Producing 10TPH fully automatic Domestic water equipment



时产30吨全自动生活水处理设备
30 m³/h Domestic water treatment equipment



时产1吨全自动生活水处理设备
1m³/h Domestic water treatment equipment



全自动汽车清洗水处理设备
Full automatic car washing water treatment



15吨生活水处理设备
15m³/h Domestic water treatment equipment



时产15吨雨水处理设备
15m³/h Rain Water Treatment Machine



时产2吨生活净化水处理设备
Producing 2TPH domestic pure water equipment

地下水、井水、景观水、工业生活水处理设备系列
Domestic Water Treatment Equipment Series for Underground Water, Well Water, Industrial Water, Landscape Water



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时产50吨带软化水全自动生活水处理设备
Producing 50TPH fully automatic domestic water system (With softener)



时产60吨全自动养殖水处理设备
Producing 60TPH fully automatic farm water system



时产10吨全自动除铁锰地下水井水处理设备
Producing 10TPH fully automatic Iron-Manganese removal Underground or well water treatment system



时产30吨全自动生活水处理设备
Producing 30TPH fully automatic Domestic RO water system



时产8吨全自动除铁锰地下水井水处理设备
Producing 8TPH fully automatic Iron-Manganese removal Underground or well water treatment system



时产36吨全自动景观净化水处理设备
Producing 36TPH fully automatic landscape water purified water equipment



时产25吨全自动井水除铁除锰水处理设备
Producing 25TPH fully automatic Iron-manganese removal underground water treatment system



过滤器/不锈钢无菌水箱/不锈钢膜壳系列
Water Filters/Stainless Steel Water Tanks/Ss Ro Membrane Housing

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无菌水箱系列
series sterilizing water tank

我公司生产的立式、卧式无菌水箱、纯水箱、保温水箱等设备，采用（304、316L）不锈钢制造，封头分为锥度式、蝶形式两种，水箱内外采用抛光处理，所有连接点均环向卷制，冲压成形，采用环向焊缝，避免角焊缝，无任何死角，易清洗。并配快开人孔、空气过滤器。

Equipment of vertical and horizontal sterilizing water tank, pure water tank and heat preservation which are manufactured by our company adopt (304, 316L) stainless steel to make. End plate is divide to two sorts taper and butterfly. Inner water tank adopt polishing to treat. All joint are coiled with hoop stress and punched to shape, weld line with hoop stress, avoid fillet weld, without any dead angle, easy cleanout. It is supplied to hole of quick opening and air filter.



1吨保温电热无菌罐
1T Sterilized Water Tank with Heat Preservation

2吨无菌水箱
2 Tons sterile water tank

5吨压力式无菌水箱
5 Tons pure water ta



2吨保温无菌净化水箱
2T Sterilized water Tank with heat preservation

无菌罐系列
Sterile water tank



过滤器/不锈钢无菌水箱/不锈钢膜壳系列
Water Filters/Stainless Steel Water Tanks/Ss Ro Membrane Housing

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我公司生产的钛棒微孔·精密过滤器采用304不锈钢制造，它的结构特点抱箍型、旋转型快开方式，满足快速更换滤芯的要求，表面采用抛光处理，电解抛光处理等各系列产品。

Precise filter of titanium rod micro hole, manufactured by our company, adopt 304 stainless steel to make. Its structure character is quick open means of anchor ear type, rotation; conform to the requirement of quickly replacing filter core; all series product adopt surface polish treatment, electrolyte polish treatment.



卫生级阀门、管件、接头等系列
Food grade valve, pipes, fittings etc.



时产75吨全自动砂滤+炭滤水处理设备
75m³/h automatic sand filter + active carbon filter system



钛棒、微孔、精密过滤器系列
Micron and cartridge filter series



精密保安过滤器系列
Refined filter housing



无菌纯水箱系列
Pure water tank series



时产30吨全自动机械过滤器
30m³/h automatic sand filter



高位罐
High level tank



杀菌装置 Sterilizing equipment

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臭氧杀菌装置

臭氧是一种极强的杀菌剂，臭氧在分解时放出的新生态的氧，它具有强氧化的能力，对水中的无机和有机物（包括微生物）均有很强的杀伤力。当臭氧与水混合后形成的臭氧水溶液有很强的杀菌作用，它能够迅速广泛地杀灭多种微生物和致病菌。

众所周知，钛是耐腐蚀且最昂贵的金属材料之一，钛易散热，导电性能好于其它金属，所有发生器都完整配备必要的控制和仪表，这使得按选择的参数很易控制臭氧流量或浓度，臭氧设备是纯净水、矿泉水最理想的配套杀菌系统。

ozone sterilizing device

Ozone is a very strong sterilizing agent. Ozone release nascent state oxygen when it decomposes, which can massively kill the organic and inorganic substance (including microbe) in the water depending on strong capability of oxygenation. Liquor of ozone and water that is formed after ozone mix with water possesses strong sterilizing action, which can quickly and widely kill many kinds of microbe and pathogen.

As is well known, titanium is one of the most expensive material of corrosion resistance; heat is easily emitted for titanium, performance of conductor electricity is better than other metal. All generators are completely equipped with necessary control and instrument, which easily control the flux and density of ozone according to the parameter selected. Ozone equipment is the most ideal sterilizing system of pure water and mineral water.



臭氧杀菌机系3.5-1000kg Ozone sterilizer equipment 3.5-1000kg

紫外线杀菌器

紫外线杀菌是一种物理杀菌法，细菌受紫外线光照射后，紫外光谱能量为细菌核酸所吸收，其活力发生改变，菌体内的蛋白质和酶的合成的发生障碍，因而导致微生物发生变异或死亡。紫外线杀菌的优点是接触时间短，杀菌能力强，设备简单，操作管理方便，处理时不改变水的物理、化学性质，不会因带入附加物造成二次污染。

特点:

采用飞利浦进口管灯管，高透光率石英管，时间累计。

ultraviolet radiation sterilizer

Ultraviolet radiation sterilizing is a method of physical sterilizing. Energy of ultraviolet radiation is absorbed by bacterial nucleic acid after bacteria was irradiated by ultraviolet, which change bacterial energy and generate trouble for synthesis of protein and enzyme in the bacteria body; so it result in microbe aberrance or death. Advantage of ultraviolet sterilization is short time of touch, strong capability of sterilization, simple equipment, convenient operation and management, not change physical and chemical property when dispose, not generate 2nd pollution due to taking accessory.

character

adopt luminous tube imported from Philips, quartz tube of high transperance rate Amount of time



紫外线杀菌器系列 1-30m³/h Ultra violet sterilizer equipment 1-30m³/h

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瓶装、桶装、袋装、灌装生产线系列配套产品 Bottled water, barreled water, sachet Water Filling Line



产品介绍:

本机主要用于饮料的灌装作业。本机将冲洗、灌装、封口三功能合在一个机体上，设有温控装置进行热灌装，全过程实现自动适用于聚酯瓶、塑料瓶灌装果汁、茶饮料。各部分的适用瓶型调整轻松自如，简便快捷。灌装方式采用了新型的微负压灌装，稳定可靠，所以与同规格的机器相比，本机的效益更大。本机采用了先进的OMRON可编程控制器(PLC控制)机器的自动运行，进瓶采用风送装置，输出瓶链道采用可调速方式，与主机变频器相互配合使出瓶运行更稳定可靠。光电检测各部件的运行状况，所以自动化程度高，操作简便，是饮料生产厂家理想的首选设备，

Product Description:

This machine is mainly used in the beverage filling operations. The three functions of bottle washing filling and capping are composed in one body of the machine. Installed with temperature controlling device, the whole process is automatic with filling juice and tea-beverage in bottles made of polyester and plastics. It is convenient and swift to adjust the machine to adapt various types of bottles. The filling operation is faster and more stable because the micro pressure filling operation of the new type is adopted. Therefore, the output and benefit of the machine is higher than the machines with the same specifications. The advanced OMRON programmable controller(PLC) is adopted to control the machine running automatically. The air-conveyor system used in the bottle-entering process and the speed-adjustable chain used in the filled bottle conveyer makes the operations of moving bottle forward steadily and reliably under the cooperation of the transducer of the main machine. It is convenient to operate with higher automation as every part of the machine is inspected to run with photoelectric detector. This machine is an idea-preferred equipment for beverage makers.



时产5000-10000瓶500ml/瓶冲洗、灌装、旋盖三合一瓶装生产线
5000-10000b/h 3 in 1 water filling production line



GM-双字符全自动电脑喷码机
GM-small letter coder



T/150-450 桶装机
T/150-450 barreled water filling line



1托2-1托7半自动/全自动吹瓶机系列
Semi-automatic bottle blowing machine series



高压空气压缩机3.0MPa(配套吹瓶机使用)
Air compressor series 3.0MPa



时产2000-4800瓶500ml/瓶冲洗、灌装、旋盖流水生产线
2000-4800b/h linear water filling production line



时产1600-2000袋500ml/袋液体包装机
(适合饮用水、酱油、饮料等软性液体)
1600-2000 bags/hour sachet water packing machine

