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LIHONG
利宏·企业

中国·温州

利宏欢迎您

WELCOME TO LIHONG

凝天下才智・创利宏伟业；为人类健康・献至诚至爱;

Condensed the world's talents・CreateLi HongAlbert ; For human health・Dedicated to the sincerity and love ;

LIHONG

利宏・企业

出色源于专业　品质创造未来

Excellence comes from professionalism, quality creates the future

www.wzlihong.com

ABOUT US

关于我们

温州市利宏机械科技有限公司是一家集设计、开发、制造、工程安装及售后服务于一体的专业化生产厂家。主要生产和销售制药、生物工程、乳食品等成套生产设备与单机。

本公司拥有一批国内优秀的产品设计和生产制造的工程技术人员。主要生产卫生级提取、浓缩、回收等设备，不锈钢罐槽系列及管道配件阀门，全自动CIP清洗系列、PLC控制系统等设备。产品严格按照ISO9001-2000国际质量标准进行设计制造，符合2010版GMP医药标准。

团结、进取、高效的高素质人才是我们不断提供高新产品的坚实基础。工艺先进、设备高效节能、实用美观，使用户的生产效率大为提高；CIP系统自动化控制的成功实现，为用户的生产和控制实现了智能化管理。

利宏企业奉行着“WIN-WIN(双赢)”的营销理念，不仅与国内外众多知名厂家长期合作，产品也已远销欧洲、澳洲、东南亚等地并深受用户好评。

Wenzhou Lihong Machinery Technology Co., Ltd. is a company integrating design, development, manufacturing, engineering installation andA specialized manufacturer integrating after-sales service. Mainly produce and sell pharmaceuticals, bioengineering,Complete sets of production equipment and stand-alone machines for dairy products.

The company has a group of domestic excellent product design and manufacturing engineering and technical personnel. Mainly produce sanitary extraction, concentration, recycling equipment, stainless steel tank series and pipeline fittings valves, automatic CIP cleaning series, PLC control system and other equipment. The products are designed and manufactured in strict accordance with ISO9001-2000 international quality standards, and comply with 2010 GMP medical standards.

Unity, enterprising and efficient high-quality talents are the solid foundation for us to continuously provide high-tech products. Advanced technology, high-efficiency and energy-saving equipment, practical and beautiful, greatly improve the user's production efficiency; the successful realization of the CIP system automation control has realized the intelligent management of the user's production and control.

Lihong company pursues the marketing concept of "WIN-WIN (win-win)", not only has long-term cooperation with many well-known domestic and foreign manufacturers, but the products have also been exported to Europe, Australia, Southeast Asia and other places and have been well received by users.







OFFICE ENVIRONMENT

办公环境

我们不断投入和改善，努力为员工提供安全、健康和愉悦的工作环境，
我们始终鼓励员工在工作中学习，在学习中成长，成为对企业负责，
对社会有用的人才。

We continue to invest and improve, and strive to provide employees with a safe, healthy and pleasant working environment.We always encourage employees to learn in work, grow in learning, and become talents who are responsible to the company and useful to society.







真诚、务实、创新、服务
是我们一贯遵循的企业文化理念！

Sincere, pragmatic, innovative and service
It is the corporate culture concept we have always followed!



PRODUCTION WORKSHOP

生产车间



“不懈的质量追求，一切为了客户”是利宏一贯坚持的质量方针，作为一家知名制药机械生产企业，我们相信，只有不断在品质上追求完美，才是企业发展的后续力所在，公司拥有现代化生产与检测设备并严格按照ISO9001质量管理体系生产运作。“崇尚品质，追求完美”是利宏的经营准则。我们利宏人将以一流的产品、完美的服务与新老客户共享！

"Unremitting pursuit of quality, everything for the customer" is Lihong's consistent insistenceQuality policy, as a well-known machinery manufacturer, we believe that onlyThe continuous pursuit of perfection in quality is the follow-up force of enterprise development.The company has modern production and testing equipment and strictly in accordance with ISO9001 qualityProduction and operation of mass management system. "Advocating quality, pursuing perfection" is LihongBusiness guidelines. Our Lihong people will share first-class products and perfect service with new and old customers!

严格管控质量、提高产品品质

Strictly control quality and improve product quality





PRODUCTION EQUIPMENT

生产装备



工厂配有先进的TIG焊接机，各种焊接机，大型桶体、封头抛光机组、旋压机、折弯机、数控机床等。我们的设备适用于医药化工、乳食品、生物工程等各类行业，并可提供非标产品，满足客户需求。

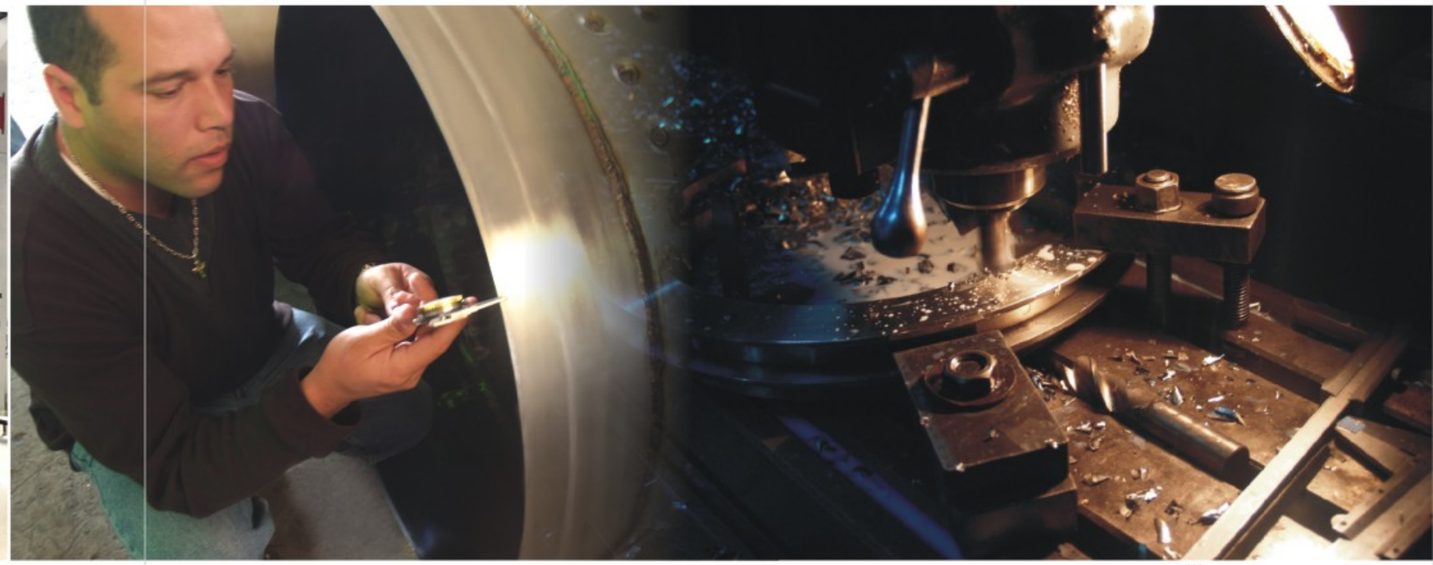
The factory is equipped with advanced TIG welding machines, various welding machines, large barrels, head polishing units, spinning machines, bending machines,CNC machine tools, etc. Our equipment is suitable for various industries such as pharmaceutical and chemical industry, dairy food, biological engineering, etc., and can provide non-Standard products to meet customer needs.



完美的品质，
取源于先进的制造手段

Perfect quality,Taken from advanced manufacturing methods





BIOPHARMACEUTICAL ENGINEERING

生物制药工程







利宏为您提供从工艺到设备所需的一切要素

Lihong provides you with everything you need from process to equipment

中植物药提取浓缩系统成套设备、胶原蛋白肽系统成套设备、大输液、水针剂、配液系统成套设备、兽药、生物工程生产设备、乳食品、果汁饮料成套设备、卫生级阀门、管道配件、工程设计与安装、符合2010版GMP要求、一类、二类压力容器制造。

Complete equipment of Chinese herbal medicine extraction and concentration system, complete equipment of collagen peptide system, large infusion, water injection,Complete equipment for liquid dispensing system, veterinary medicine, biological engineering production equipment, complete equipment for dairy food, fruit juice beverage,Sanitary valves, pipe fittings, engineering design and installation, meeting 2010 GMP requirements, manufacturing of Class I and Class II pressure vessels.







COLLAGEN PEPTIDE ENGINEERING

胶原蛋白工程







生物活性肽（动物肽、植物肽、海洋生物肽等）新工艺、新技术、成套设备的整厂输出。

Bioactive peptides (animal peptides, plant peptides, marine biological peptides, etc.)Whole plant output of new processes, new technologies and complete sets of equipment.

工艺流程：

清洗、蒸煮、离心、过滤、酶解、浓缩、干燥、包装

Process flow ：
Cleaning, cooking, centrifugation, filtration, enzymolysis, concentration, drying, packaging







PRODUCT LIST

产品目录

我们开发的制药、乳食品、生物工程设备等不仅能满足您对卫生、安全、高效的要求，
而且还可细致处理您的产品。

The pharmaceutical, dairy, and bioengineering equipment we developed can not only meet your requirements for hygiene, safety, and efficiency, but also process your products in detail.



TQ 系列多功能提取罐 01/02
TQ series multifunctional extraction tank

CTQ 超声波多功能提取罐 03
CTQ ultrasonic Multifunctional Extraction Tank

DTQ 系列多功能提取罐（动态带搅拌） 04
DTQ series multifunctional extraction tank (dynamic mixing)

CTN 超声波微型多功能提取、浓缩、回收机组 05
CTN uitrasonic miniature Multifunctional Extraction, Concentration And Recovery Unit Units

微型多能提取、浓缩、回收机组 06
Miniature multi-energy extraction, concentration and recovery unit

热回流抽提浓缩器 07
Hot Reflux Extraction Concentrator

WZ 型系列单效外循环浓缩器（酒精浓缩器） 08
WZ Type series single-effect external circulation concentrator (alcohol concentrator)

SJN 系列双效节能浓缩器 09
Sjn Series double-effect energy-saving concentrator

SJN 系列三效节能浓缩器 10
SJN Series three-effect energy-saving concentrator

ZN 系列真空减压浓缩罐 11
ZN Series Vacuum Decompression Concentration Tank

Q N 系列球形真空浓缩罐 12
QN Series spherical vacuum concentration tank

JH 系列酒精回收塔 13
JH Series Alcohol Recovery Tower

JC 系列酒精沉淀罐 14
JC Series Alcohol Precipitation Tank

SLG 型渗漉罐 15
SLG Percolation tank

PYG 系列不锈钢配液罐（反应釜、酶解罐） 16
PYG series Stainless steel liquid tank (reactor, enzymolysis tank)

FJ 系列保温冷却发酵罐（种子罐、结晶罐） 17
FJ Series insulation and cooling Fermentation Tanks (seed Tanks, Crystallization Tanks)

贮罐系列 18
Storage tank series

CIP 清洗系列 19
CIP cleaning series

微孔膜筒式过滤器 20
Microporous membrane cartridge filter

BL 系列不锈钢板框过滤机 20
BL Plate-frame type filter

卫生级离心泵 21
Sanitary Centrifugal pump

卫生级转子泵 22
Sanitary Rotor Pump

单机系列 23
Stand-alone Series

卫生级不锈钢罐上系统配置 24
System configuration on sanitary stainless steel tank

卫生级管道配件 25/26
Sanitary Pipe Fittings

TQ series

Multifunctional Extraction Tank

TQ 系列多功能提取罐



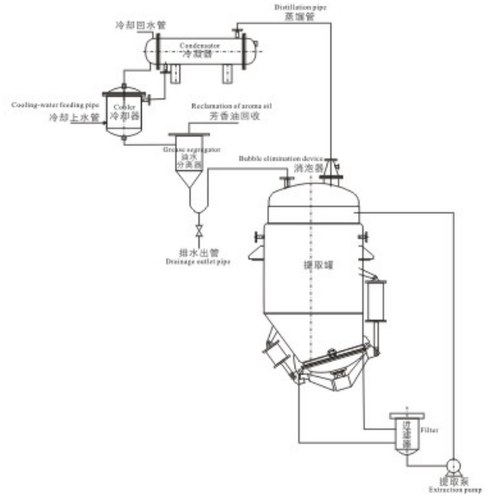


本设备适用于中药、食品、化工行业的常压、微压、水煎、温浸、热回流、强制循环渗漏作用，芳香油提取及有机溶媒回收等多种工艺操作，具有效率高、操作方便等优点。罐内配备CIP清洗系统，符合2010版GMP医药标准。

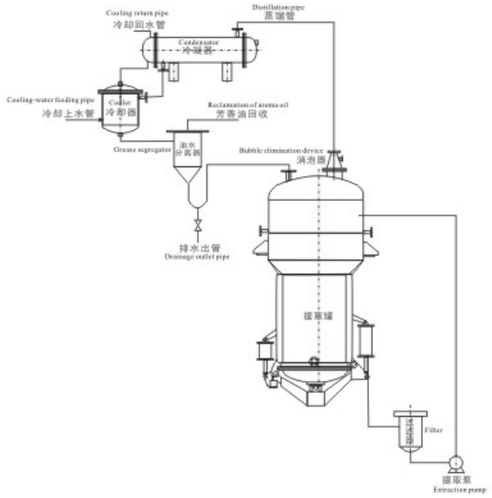
This equipment is suitable for various process operations such as normal pressure, micro pressure, water decoction, warm soaking, heat reflux, forced circulation leakage, aromatic oil extraction and organic solvent recovery in the traditional Chinese medicine, food, and chemical industries. It has high efficiency and operation. Convenience and other advantages. The tank is equipped with a CIP cleaning system, which complies with 2010 GMP medical standards.

技术参数 Technology parameter

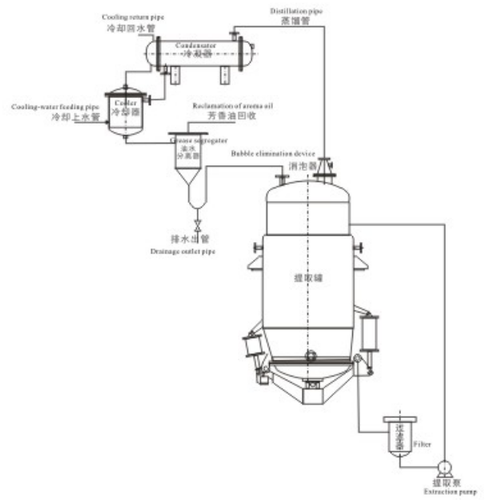
规格 型号	TQ–0.5	TQ–1.0	TQ–2.0	TQ–3.0	TQ–6.0	TQ–8.0
全容积(L)	650	1200	2500	3500	6500	8900
罐内设计压力(MPa)	0.09					
夹套内设计压力(MPa)	0.3					
投料门直径(mm)	300	300	400	400	450	500
加热面积(m^2)	2.4	3.1	4.2	5.5	7.1	9.5
冷凝面积(m^2)	3	5	5	8	10	12
冷却面积(m^2)	1	1	1	1	1.5	1.5
过滤面积(m^2)	0.25	0.25	0.25	0.25	0.5	0.6
出渣口直径(mm)	800	800	800	800	1000	1200
耗能(Kg/h)	245	325	345	645	720	850
容器类别	一类					



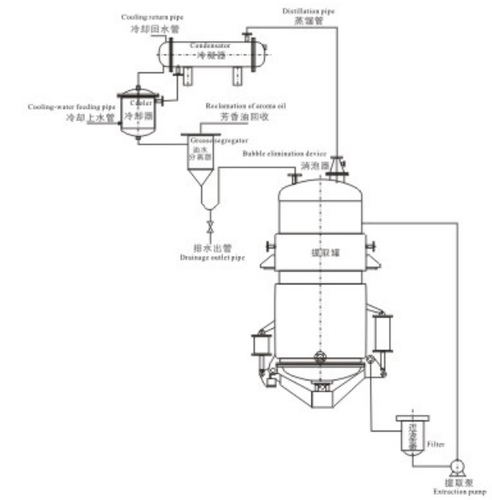
TQ–X



TQ–M



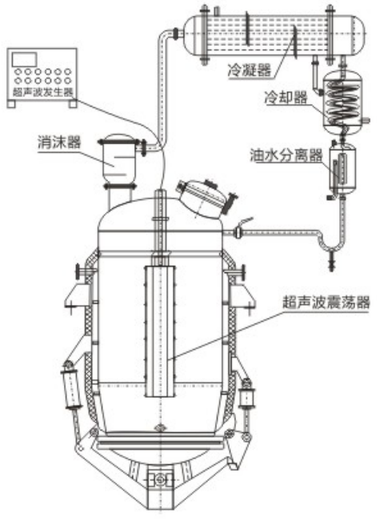
TQ–Z



TQ–T

CTQ ultrasonic
Multifunctional Extraction Tank
CTQ超声波多功能提取罐





我单位生产的超声波多功能提取罐，是为中药厂煮、提工序设计的多用设备，在本工序内能提取，酒精回收，挥发油分离；本设备除提取罐主设备外，还附有超声波发生器、超声波震荡器、消沫器、冷凝器、冷却器，油水分离器等；材料采用不锈钢SUS304制造，因此本设备具有良好的耐腐蚀性，不仅能使中药产品质量得到保证，而且设备使用寿命长。

本设备在提取过程中利用超声波技术在常温下，从生物组织中如中草药、植物中提取水溶物，具有萃取时间短、温度低、含杂质少、效率高等优点。超声波在传声的萃取媒质中的固体颗粒、生物组织发生破碎、乳化、溶解，既保持了生物组织的活性，又大大提高了萃取媒质的均匀度。

The ultrasonic multifunctional extraction tank produced by our unit is a multi-purpose equipment designed for the boiling and extraction process of Chinese medicine factories. It can extract, recover alcohol, and separate volatile oil in this process. In addition to the main equipment of the extraction tank, this equipment also has an ultrasonic generator. Filter, ultrasonic vibrator, defoamer, condenser, cooler, oil-water separator, etc.; the material is made of stainless steel SUS304, so this equipment has good corrosion resistance, which can not only ensure the quality of traditional Chinese medicine products, but also the service life of the equipment long.

In the extraction process, this equipment uses ultrasonic technology to extract water-soluble substances from biological tissues such as Chinese herbal medicines and plants at room temperature. It has the advantages of short extraction time, low temperature, less impurities, and high efficiency. The solid particles and biological tissues in the sound-transmitting extraction medium are broken, emulsified, and dissolved by ultrasound, which not only maintains the activity of the biological tissues, but also greatly improves the uniformity of the extraction medium.

技术参数 Technology parameter

规格 型号	CTQ-1000型	CTN-2000型	CTN-3000型	CTN-6000型
提取罐容积（L）	1000	2000	3000	6000
提取罐夹套工作压力（mpa）	03	0.3	0.3	0.3
提取罐内工作压力（mpa）	常压	常压	常压	常压
提取温度℃	70	70	70	70
冷凝面积（m^2）	5	7	8	10
冷却面积（m^2）	1	1	1	1.5
超声波功率（kw）	3	3	6	10
出渣门直径（mm）	DN800	DN800	DN800	DN1000

LIHONG 利宏·企业

DTQ series multifunctional extraction tank (dynamic mixing)
DTQ 系列多功能提取罐(动态带搅拌)

本设备可用于中药、食品、化工行业的常压、微压、水煎、温浸、热回流、强制循环，渗鹿，芳香油提取及有机溶媒回收等多种工艺操作，使用本设备能使提取效果更佳，时短，药液含量高。本设备搅拌系统分螺旋式搅拌和桨式搅拌，同时本设备选材优良，广泛应用于制药、食品、化工等行业，罐内配备CIP清洗系统，符合2010版GMP医药标准。

This equipment can be used for various process operations such as normal pressure, micro pressure, water decoction, warm soaking, heat reflux, forced circulation, deer infiltration, aromatic oil extraction and organic solvent recovery in the traditional Chinese medicine, food, and chemical industries. The use of this equipment can make The extraction effect is better, the time is short, and the liquid content is high. The mixing system of this equipment is divided into screw mixing and paddle mixing. At the same time, the equipment is excellent in material selection and is widely used in pharmaceutical, food, chemical and other industries. The tank is equipped with a CIP cleaning system, which meets 2010 GMP medical standards.



TQ-D 直锥型(带搅拌)
TQ-D straight cone type (with stirring)

技术参数 Technology parameter

规格 型号	DTQ-1.0	DTQ-2.0	DTQ-3.0	DTQ-6.0
全容积(L)	1200	2500	3600	6500
罐内设计压力(MPa)	0.09			
夹套内设计压力(MPa)	0.3			
加热面积(m^2)	3.1	4.2	6.8	10.5
冷凝面积(m^2)	5	5	8	10
冷却面积(m^2)	1	1	1	1.5
过滤面积(m^2)	0.25	0.25	0.25	0.5
搅拌功率(KW)	3	4	5.5	7.5
搅拌转速(r/min)	60			
出渣口直径(mm)	800	800	800	1000
容器类别	一类			

CTN uitrasonic miniature

Multifunctional Extraction, Concentration And Recovery Unit Units

CTN超声波微型多功能提取、浓缩、回收机组



CTN超声波微型多功能提取。浓缩、回收机组是在我厂生产传统大型多能式提取机组的同时，开发研究的新型系列产品。主要是为各小型药厂、试验工厂、医药、科研部门研制新药及工艺之用；对于生产小批量，高档药，具有独到的性能；利用超声波技术在常温下，从生物组织中如中草药、植物中提取水溶物，具有萃取时间短、温度低、含杂质少、效率高等优点。超声波在传声的萃取媒质中传播，所引起的机械效应、热效应和空化效应，对媒质中的固体颗粒、生物组织发生破碎、乳化、溶解，既保持了生物组织的活性，又大大提高了萃取媒质的均匀度。

CTN ultrasonic miniature multifunctional extraction. The concentration and recovery unit is a new series of products developed and researched at the same time that our factory produces the traditional large-scale multi-energy extraction unit. It is mainly used for the development of new drugs and processes for various small pharmaceutical factories, pilot plants, medicine, and scientific research departments; for the production of small batches and high-end drugs, it has unique performance; using ultrasonic technology at room temperature, from biological tissues such as Chinese herbal medicines and plants The extraction of water-soluble substances in the medium has the advantages of short extraction time, low temperature, less impurities, and high efficiency. The mechanical, thermal, and cavitation effects caused by ultrasonic waves propagate in the sound-transmitting extraction medium can break, emulsify, and dissolve the solid particles and biological tissues in the medium, which not only maintains the activity of biological tissues, but also greatly improves The uniformity of the extraction medium.

技术参数 Technology parameter

规格 型号	CTN-50型	CTN-100型	CTN-200型	CTN-300型
提取罐容积（L）	50	100	200	300
浓缩罐容积（L）	50	100	200	300
提取罐夹套工作压力（mpa）	常压	常压	常压	常压
提取罐罐内工作压力（mpa）	常压	常压	常压	常压
浓缩罐夹套工作压力（mpa）	常压	常压	常压	常压
浓缩罐真空度（mpa）	-0.08	-0.08	-0.08	-0.08
提取温度℃	100	100	100	100
浓缩温度℃	50-65	50-65	50-65	50-65
超声波功率（kw）	1000	1000	2000	2000

LIHONG 利宏·企业

Miniature multi-energy extraction, concentration and recovery unit

微型多能提取、浓缩、回收机组



本机组是本公司在借鉴国内外同类产品基础上研究开发的新一代节能产品。它集多功能提取、真空浓缩为一体，简化了操作程序。同时，由于整个提取和浓缩是在密封状态下进行，因而避免了“跑”、“冒”、“漏”等现象，大大改善了工作环境，降低了能耗。本机组与物料接触部分全部采用优质不锈钢SUS304(或SUS316L)制造，符合 GMP 要求。本机组适合用于医院、药厂、食品行业、科研院所对中草药、果汁等物料的提取和浓缩，以及有机溶媒的回收。

This unit is a new generation of energy-saving products researched and developed by our company on the basis of similar products at home and abroad. It integrates multifunctional extraction and vacuum concentration, which simplifies the operating procedures. At the same time, because the entire extraction and concentration are carried out in a sealed state, phenomena such as "running", "emerging", and "leaking" are avoided, the working environment is greatly improved, and energy consumption is reduced. The parts in contact with the materials of this unit are all made of high-quality stainless steel SUS304 (or SUS316L), which meets GMP requirements. This unit is suitable for the extraction and concentration of Chinese herbal medicine, fruit juice and other materials in hospitals, pharmaceutical factories, food industries, and scientific research institutes, as well as the recovery of organic solvents.

技术参数 Technology parameter

型号	提取罐			浓缩罐			真空泵	
	公称容积 (L)	夹套工作压力 (Mpa)	罐内工作压力 (Mpa)	加热面积 (m^2)	工作压力 (Mpa)	真空度 (MPa)	电压 (V)	功率 (KW)
TN-50	50	0.2	0.09	0.5	常压	-0.08	380	4
TN-100	100	0.2	0.09	1	常压	-0.08	380	4
TN-200	200	0.2	0.09	1.5	常压	-0.08	380	4
TN-300	300	0.2	0.09	2	常压	-0.08	380	4
TN-400	400	0.2	0.09	2.5	常压	-0.08	380	5.5
TN-500	500	0.2	0.09	3	常压	-0.08	380	5.5

Hot Reflux
Extraction Concentrator
热回流抽提浓缩器



结构

机组由提取罐、单效浓缩器、冷凝器、油水分离器、自动排水系统、过滤器、卫生级离心泵等组成。由不锈钢支架整体组装。高效，节能，布局紧凑，结构合理，操作简单，功能齐全。

structure

The unit consists of extraction tank, single-effect concentrator, condenser, oil-water separator, automatic drainage system, filter, sanitary centrifugal pump, etc. Assembled by a stainless steel bracket as a whole. High efficiency, energy saving, compact layout, reasonable structure, simple operation and complete functions.

技术特性

1、本机组既能用于常压提取、浓缩满足以乙醇等有机溶剂为溶媒的热回流提取工艺，也能用于传统的分次提取工艺条件以水为溶媒的常压提取、真空低量浓缩的生产工艺，解决了热回流只能压浓缩，药液长时间在高下浓缩热敏性成分遭到破坏而影响药品质量的弊端
2、具有药材处理量大，溶媒用量减少50%左右，节约蒸汽耗量50%以上，收膏率比传统工艺提取15%左右，大大缩短生产时间，提高生产效率
3、运行时所有二次蒸汽的冷凝液最终都回流到提取罐内作新溶剂，减少损失，防止跑料

Technical characteristics

1. This unit can be used for atmospheric extraction and concentration to meet the thermal reflux extraction process with ethanol and other organic solvents as the solvent, and can also be used for the traditional fractional extraction process conditions with water as the solvent for atmospheric extraction and low vacuum. The concentrated production process solves the disadvantages that the heat reflux can only be concentrated by pressure, and the heat-sensitive components of the liquid medicine are concentrated under high and low pressure for a long time, which affects the quality of the medicine.2. It has a large amount of medicinal materials, the solvent consumption is reduced by about 50%, the steam consumption is saved by more than 50‰, and the paste collection rate is about 15% compared with the traditional extraction process, which greatly shortens the production time and improves the production efficiency3. During operation, all the condensate of the secondary steam will eventually return to the extraction tank as a new solvent to reduce loss and prevent material running.

技术参数 Technology parameter

提取罐容积：1m^3、2m^3、3m^3、6m^3	Extractor tank Volume: 1m^3、2m^3、3m^3、6m^3
浓缩器容积：0.5m^3、1m^3、1.5m^3、2.5m^3	concentrator tank Volume: 0.5m^3、1m^3、1.5m^3、2.5m^3
水提温度：90~100℃	water distillation Temp: 90~100℃
醇提温度：78~83℃	alcohol distillation Temp: 78~83℃
提取时间：4~5小时/批	Distillation time: 4~5H/B
真空度：0.05~0.08MPa	Vacuum: 0.05~0.08MPa
使用压力：0.08~0.2MPa	Working pressure 0.08~0.2MPa

LIHONG 利宏·企业

WZ Type series single-effect external circulation concentrator (alcohol concentrator)
WZ 型系列单效外循环浓缩器(酒精浓缩器)



本设备适应用于中药、西药、葡萄糖、淀粉糖、口服液、化工、食品、味精、乳品等物料浓缩与工业有机溶剂(如酒精)的回收，适用于批量小、品种多的热敏性物料的低温真空浓缩。

This equipment is suitable for the concentration of materials such as traditional Chinese medicine, western medicine, glucose, starch sugar, oral liquid, chemical industry, food, monosodium glutamate, dairy products and the recovery of industrial organic solvents (such as alcohol). It is suitable for the low temperature of heat sensitive materials with small batches and many varieties. Concentrated in vacuo.

技术参数 Technology parameter

规格 型号		WZ-500	WZ-1000	WZ-1500	WZ-2000
蒸发量 (kg/h)		500	1000	1500	2000
蒸汽压力 (Mpa)		0.09			
真空度 (Mpa)		-0.08			
浓缩比重		1.2-1.3			
外型尺寸 (mm)	长	2000	2200	2500	4600
	宽	1000	1200	1300	2350
	高	3000	3300	3500	5100
容器类别		常压			

Sjn Series

double-effect energy-saving concentrator

SJN 系列双效节能浓缩器



本浓缩器适应于中药、西药、葡萄糖、淀粉、味精、食乳品、化工等液料的浓缩，尤其适用于热敏性物料的低温真空浓缩。我公司经过精心计算，周密设计改进后，比原来的特点效益更多。贵厂可根据浓缩量大小，来选用技术参数中系列浓缩器。

This concentrator is suitable for the concentration of liquid materials such as traditional Chinese medicine, western medicine, glucose, starch, monosodium glutamate, dairy products, and chemicals, and is especially suitable for low-temperature vacuum concentration of heat-sensitive materials. After careful calculation and careful design and improvement, our company has more benefits than the original features. Your factory can choose the series of concentrators in the technical parameters according to the size of the concentration.

技术参数 Technology parameter

产品型号		SJN-500	SJN-1000	SJN-1500	SJN-2000	SJN-3000
蒸发量 (kg/h 清水)		600	1200	1700	2100	3100
蒸汽压力 (Mpa)				0.09		
蒸汽耗量 (kg/h)		250	500	750	1000	1500
循环耗水量 (T/h)		6	12	15	18	20
蒸发温度 (℃) 一效				80-90		
蒸发温度 (℃) 二效				55-70		
真空度 (Mpa) 一效				-0.06		
真空度 (Mpa) 二效				-0.08		
外形尺寸 (mm)	长 L	4000	5000	6000	6500	7500
	宽 W	1500	1600	1600	1700	2000
	高 H	3300	3500	3700	4300	4500
容器类别				常压		

LIHONG 利宏·企业

SJN Series three-effect energy-saving concentrator

SJN 系列三效节能浓缩器



本浓缩器适应于中药、西药、葡萄糖、淀粉、味精、食乳品、化工等液料的浓缩，尤其适用于热敏性物料的低温真空浓缩。我公司经过精心计算，周密设计改进后，比原来的特点效益更多。贵厂可根据浓缩量大小，来选用技术参数中系列浓缩器。

This concentrator is suitable for the concentration of liquid materials such as traditional Chinese medicine, western medicine, glucose, starch, monosodium glutamate, dairy products, and chemicals, and is especially suitable for low-temperature vacuum concentration of heat-sensitive materials. After careful calculation and careful design and improvement, our company has more benefits than the original features. Your factory can choose the series of concentrators in the technical parameters according to the size of the concentration.

技术参数 Technology parameter

产品型号		SJN-500	SJN-1000	SJN-1500	SJN-2000	SJN-3000
蒸发量 (kg/h 清水)		500	1000	1500	2000	3000
蒸汽压力 (Mpa)				0.09		
蒸汽耗量 (kg/h)		200	400	600	800	1200
循环耗水量 (T/h)		5	10	13	15	18
蒸发温度 (℃) 一效				80-90		
蒸发温度 (℃) 二效				65-80		
蒸发温度 (℃) 三效				55-65		
真空度 (Mpa) 一效				-0.04		
真空度 (Mpa) 二效				-0.06		
真空度 (Mpa) 三效				-0.08		
外形尺寸 (mm)	长 L	5000	6500	7000	7500	7800
	宽 W	1300	1500	1700	2000	2000
	高 H	3000	3300	3500	4000	4300
容器类别				常压		

ZN Series Vacuum Decompression Concentration Tank

ZN 系列真空减压浓缩罐

本设备主要包括浓缩罐、冷凝器、汽液分离器、冷却器、受液桶五部件，浓缩罐为夹套结构，冷凝器为列管式，冷却器为盘管式结构。本设备适用于制药、食品、化工等行业对料液的浓缩，并且可作为回收酒精和简单的回流提取之用。设备与物料接触部分均采用不锈钢SUS304(或SUS316L)制造，具有良好的耐腐蚀性能，并符合2010版GMP医药标准。

This equipment mainly includes five parts: concentration tank, condenser, vapor–liquid separator, cooler, and liquid–receiving barrel. The concentration tank is a jacket structure, the condenser is a tube type, and the cooler is a coil type structure. This equipment is suitable for the concentration of materials in the pharmaceutical, food, chemical and other industries, and can be used for alcohol recovery and simple reflux extraction. The contact parts of the equipment and materials are made of stainless steel SUS304 (or SUS316L), which has good corrosion resistance and meets 2010 GMP medical standards.



技术参数 Technology parameter

型号规格Model and specification		ZN–50	ZN–100	ZN–200	ZN–300	ZN–500	ZN–700	ZN–1000	ZN–2000
蒸发能力(kg/h)		20	40	60	80	100	130	160	350
蒸汽压力(MPa)		0.09							
加热面积(m^2)		0.4	0.6	0.8	1.1	1.2	2.0	2.5	5.5
冷凝面积(m^2)		1.2	1.7	2.4	3.0	3.2	3.6	4.5	14
冷却面积(m^2)		0.25	0.35	0.45	0.6	0.7	0.85	1.1	3
受液槽容积(L)		15	45	60	76	100	125	140	185
耗能(kg/h)		23	46	70	92	115	150	185	403
真空度(MPa)		−0.08							
容器类别		常压							
设备重量(kg)		410	470	605	715	862	1015	1250	2600
外形尺寸Dimension(mm)	长 L	1200	1350	1700	1800	2100	2400	2390	2730
	宽 W	600	750	800	950	1200	1300	1300	1500
	高 H	2200	2200	2700	2850	3400	3400	3720	4700

符合2010版GMP标准/ISO9001认证/一类、二类压力容器制造
Comply With 2010 Version Of Gmp Standard/iso9001 Certification、Manufacturing Of Type I And Type Ii Pressure Vessels

LIHONG 利宏·企业

QN Series spherical vacuum concentration tank

QN 系列球形真空浓缩罐

球形浓缩罐主要由浓缩罐主体、冷凝器、汽液分离器、受液桶四个部分组成，可用于制药、食品、化工等行业对料液的浓缩、蒸馏及有机溶媒的回收等工艺。由于采用减压浓缩，故浓缩时间短，且不会破坏热敏性物料的有效成份。本设备与物料接触部分均为不锈钢SUS304(或SUS316L)制造，具有良好的耐腐蚀性能，经久耐用，符合2010版GMP医药标准。

The spherical concentration tank is mainly composed of the main body of the concentration tank, the condenser, the vapor–liquid separator, and the liquid–receiving barrel. It can be used for the concentration, distillation and recovery of organic solvents in the pharmaceutical, food, chemical and other industries. Due to the reduced pressure concentration, the concentration time is short, and the effective ingredients of the heat–sensitive materials will not be destroyed. The parts in contact with the material of this equipment are made of stainless steel SUS304 (or SUS316L), which has good corrosion resistance, is durable, and meets 2010 GMP medical standards.



技术参数 Technology parameter

型号规格Model and specification		QN–300	QN–500	QN–700	QN–1000
蒸发量 (kg/h)		70	120	145	195
公称容积 (L)		300L	500L	700L	1000L
蒸汽压力(MPa)		0.09			
真空度 (MPa)		−0.08			
加热面积 (m^2)		1.3	1.5	2	2.8
冷凝面积 (m^2)		2.4	3	3.5	4
设备重量(kg)		380	450	630	950
外型尺寸(mm)	长	1900	2030	2100	2335
	宽	1100	1200	1300	1520
	高	2300	2500	2600	2765

JH Series

Alcohol Recovery Tower

JH 系列酒精回收塔

JH 系列酒精回收塔由塔釜、塔身、冷凝器、冷却器、高位贮罐等部分组成，适用于制药、食品、轻工、化工等行业的稀酒精回收，本设备与物料接触部分均采用不锈钢SUS304(或SUS316L)制造，具有良好的耐腐蚀性能，并且有节能、环保、降低生产成本、提高效率的优点。本装置可将30度~50度的稀酒精蒸馏到93度~95度，残液排放含醇度低，符合环保要求，设备外表面亚光处理，符合2010版GMP医药标准。

JH series alcohol recovery tower is composed of tower kettle, tower body, condenser, cooler, high-level storage tank, etc. It is suitable for the recovery of dilute alcohol in the pharmaceutical, food, light industry, chemical and other industries. The equipment and material contact parts are all used Made of stainless steel SUS304 (or SUS316L), it has good corrosion resistance, and has the advantages of energy saving, environmental protection, reducing production costs, and improving efficiency. This device can distill the dilute alcohol of 30 to 50 degrees to 93 to 95 degrees, and the residual liquid discharge has low alcohol content, which meets the requirements of environmental protection. The outer surface of the equipment is treated with a matte finish and meets 2010 GMP medical standards.



技术参数 Technology parameter

型号规格Model and specification		JH-200	JH-300	JH-400	JH-500	JH-600	JH-800
塔容积 (L)		640	1220	1450	2300	2505	3200
塔身高度 (mm)		6000	7000	7000	7000	7500	7500
高位罐容积(L)		300	400	650	800	1000	1500
冷凝面积 (m^2)		5	8	11	18	25	45
冷却面积 (m^2)		1	1.5	2.2	4	6	8
加热面积 (m^2)		3.0	6.0	6.5	10	15	26
回收能力(kg/h)		45~50	90~100	150~160	280~300	420~440	600~620
回收浓度(%)		93-95					
填料形式		不锈钢波纹填料					
容器类别		常压					
设备重 (kg)		1100	1900	2300	3800	4500	6800
外形尺寸Dimension(mm)	长 L	2300	2600	2500	3000	3500	4200
	宽 W	700	800	1000	1200	1400	1800
	高 H	7300	7500	9000	9000	10000	10000

LIHONG 利宏·企业

JC Series Alcohol Precipitation Tank

JC 系列酒精沉淀罐



本设备适用于中药、口服药、食品、保健品、化工等行业的酒精沉淀。酒精沉淀罐系醇沉(亦称换溶或醇杆)旧工艺新开发的专用设备。主要用于中药水煎液经浓缩后的溶液进行冷冻或常温酒精沉淀的操作，也可用于中药醇提后，对浓缩液进行水沉的操作。本设备是由附夹套的椭圆封头，锥形底的圆筒体，内装三叶搅拌以及特殊的微调旋出液管等组装而成，中药水煎浓缩采用加入酒精配成一定醇度的液体，然后常温，低温冷冻沉降进行液固分离，以提高中药提取液的纯度及澄明度。本设备全部选用不锈钢SUS304(或SUS316L)制造，配有高压水自动喷淋清洗系统，夹套中可通低温冷却水，传动部位采用机械密封、防爆电机确保生产过程，符合2010版GMP医药标准，设备表面镜面或亚光处理。

This equipment is suitable for alcohol precipitation in traditional Chinese medicine, oral medicine, food, health care products, and chemical industries. Alcohol precipitation tank is a special equipment newly developed from the old process of alcohol precipitation (also known as solvent exchange or alcohol rod). It is mainly used for freezing the concentrated solution of traditional Chinese medicine decoction or alcohol precipitation at room temperature. It can also be used for the operation of water precipitation of the concentrated liquid after the alcohol extraction of traditional Chinese medicine. This equipment is assembled by an elliptical head with a jacket, a cylindrical body with a tapered bottom, a three-blade stirring and a special fine-tuning spin-out tube, etc. The traditional Chinese medicine is decocted and concentrated by adding alcohol to a certain degree of mellowness. The liquid is then frozen and sedimented at room temperature and low temperature for liquid-solid separation to improve the purity and clarity of the Chinese medicine extract. This equipment is made of stainless steel SUS304 (or SUS316L), equipped with a high-pressure water automatic spray cleaning system, low-temperature cooling water can be passed through the jacket, mechanical seals and explosion-proof motors are used to ensure the production process, and it meets 2010 GMP medical standards. The surface of the equipment Mirror or matte finish.

技术参数 Technology parameter

型号规格Model and specification	JC-300	JC-500	JC-1000	JC-1500	JC-2000	JC-3000	JC-6000
容积 (L)	300	500	1000	1500	2000	3000	6000
换热面积 (m^2)	1.8	3.0	4.5	5.4	6.2	8.1	12
工作温度 (℃)	-15~25						
换热介质工作压力 (Mpa)	0.25						
工作压力 (Mpa)	0.09						
搅拌功率 (kw)	0.75	0.75	1.5	1.5	2.2	3	4
搅拌转速 (r/min)	032						
传热系数 (K)	150-200						
设备重量 (Kg)	450	500	580	630	910	1410	2080

SLG
Percolation tank
SLG型渗漉罐



工作原理

渗漉法是往药材粗粉中不断添加浸取溶剂使其渗过药粉，从下端出口流出浸取液的一种浸取方法。渗漉时，溶剂渗入药材的细胞中溶解大量的可溶性物质，浓度增加，密度增大后向下移动，上层的浸取溶剂或稀浸液置换位置，造成良好的浓度差，使扩散较好地自然进行，故浸取效果优于浸渍法，提取也较完全。

Working Principle

The percolation method is an leaching method in which the leaching solvent is continuously added to the crude medicinal powder to make it penetrate the medicinal powder, and the leaching liquid flows out from the lower end outlet. During percolation, the solvent penetrates into the cells of the medicinal materials to dissolve a large amount of soluble substances, the concentration increases, and then moves downward after the density increases. The upper leaching solvent or dilute leaching liquid replaces the position, resulting in a good concentration difference and better diffusion Naturally, the extraction effect is better than the dipping method, and the extraction is more complete.

技术参数 Technology parameter

参数　　型号	SLG0.5	SLG1	SLG2	SLG3
全容积 (L)capacacity	600	1200	2300	3200
罐内设计压力 (MPa)Design pressure inside tank	常压			
加料口直径 (mm)Raw material input door	300	400	400	400
出渣口直径 (mm)Dregs outlet door diameter	400	600	800	800

LIHONG 利宏·企业

PYG series Stainless steel liquid tank (reactor, enzymolysis tank)
PYG 系列不锈钢配液罐（反应釜、酶解罐）



本系列配液罐严格遵循《药品生产质量管理规范》GMP总则(1998年修订版)第三十一、三十二条要求,根据GB150-98《钢制压力容器》,JB/T4735-97《钢制焊接常压容器》要求进行设计,制造验收.

This series of liquid dispensing tanks strictly comply with the requirements of Article 31 and 32 of the GMP General Principles (Revised Edition in 1998) of the "Good Manufacturing Practice for Drugs", according to GB150-98 "Steel Pressure Vessels", JB/T4735-97 " Steel Welded Atmospheric Pressure Vessels require design, manufacturing and acceptance.

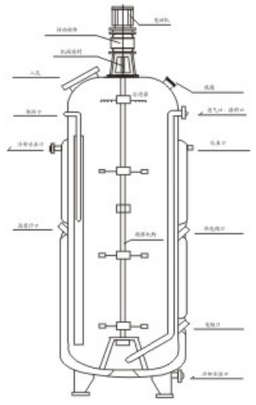
技术参数 Technology parameter

公称容积	工作压力(Mpa)	工作温度(℃)	搅拌转速(转/分)	H(mm)	H1(mm)	D(mm)	D1(mm)	h(mm)
100	0.25	100	0-720	1750	450	ϕ750	ϕ550	300
200	0.25	100	0-720	1950	600	ϕ850	ϕ650	300
600	0.25	100	0-720	2500	1000	ϕ1100	ϕ900	350
1000	0.25	100	0-720	2850	1200	ϕ1300	ϕ1100	350
2000	0.25	100	0-720	3350	1500	ϕ1500	ϕ1300	350
3000	0.25	100	0-720	3700	1700	ϕ1700	ϕ1500	350
5000	0.25	100	0-720	4250	2000	ϕ2000	ϕ1800	400
10000	0.25	100	0-720	5000	2500	ϕ2500	ϕ2300	400

FJ Series insulation and cooling
Fermentation Tanks (seed Tanks, Crystallization Tanks)
FJ系列保温冷却发酵罐(种子罐、结晶罐)



结晶罐
Crystallizer





发酵罐(种子罐)
Fermentation tank (seed tank)

发酵罐(种子罐、结晶罐)广泛应用于制药、精细化工、生物工程等行业，罐体设有夹层、保温 层(可加热、冷却、保温)。罐体与上下封头(或锥形)均采用旋压R角加工，罐内壁经镜面抛光处理，光洁度Ra≤0.4μm，无卫生死角，全封闭的设计确保物料始终处在无污染的状态下混合、发酵，设备配备空气呼吸器、清洗球、卫生人孔、视镜、视灯等装置。制药、精细化工、生物制品发酵过程是一个无菌、无污染的过程，发酵罐采用了无菌系统，避免和防止了空气中微生物的污染，大大延长了您产品的保质期和产品的纯正，我们在罐上特别设计安装了无菌呼吸气孔或无菌正压发酵系统。可通入加热或冷却介质来进行循环加热和冷却。与物料接触的部分全部采用不锈钢SUS304(或SUS316L)制造，保温采用聚胺脂发泡或珍珠棉，外表面磨砂亚光处理，符合2010版GMP标准。容量可由100-20000L多种不同规格。

Fermentation tanks (seed tanks, crystallization tanks) are widely used in pharmaceutical, fine chemical, biological engineering and other industries. The tank body is equipped with interlayer and insulation layer (heating, cooling, and insulation). The tank body and the upper and lower heads (or cones) are processed by spinning R angles. The inner wall of the tank is mirror-polished. The finish is Ra≤0.4μm. There is no sanitary dead corner. The fully enclosed design ensures that the material is always in a pollution-free state. For mixing and fermentation, the equipment is equipped with air respirator, cleaning ball, sanitary manhole, sight glass, sight light and other devices. The fermentation process of pharmaceuticals, fine chemicals, and biological products is a sterile and non-polluting process. The fermentation tank adopts a sterile system to avoid and prevent the contamination of microorganisms in the air, which greatly extends the shelf life and purity of your products. A sterile breathing vent or aseptic positive pressure fermentation system is specially designed and installed on the tank. Heating or cooling medium can be passed in for cyclic heating and cooling. The parts in contact with the materials are all made of stainless steel SUS304 (or SUS316L), and the insulation is made of polyurethane foam or pearl cotton, and the outer surface is frosted and matted, in line with 2010 GMP standards. The capacity can be 100-20000L in many different specifications.

技术参数 Technology parameter

规 格　　型 号	100L	200L	500L	1000L	2000L	5000L	10000L	20000L
直径 (mm)	400	500	700	900	1200	1500	1800	2300
高度 (mm)	2000	2300	2650	2900	3800	4480	5250	6550
罐内压力 (Mpa)	0.2	0.2	0.2	0.2	0.2	0.2	0. 2	0.2
夹套压力 (Mpa)	0.3	0.3	0.3	0.3	0.3	0.3	管0.3	管0.3
搅拌桨数	2	2	2	2	2	3	3	4
搅拌转速 (r/min)	80							
电机功率 (Kw)	0.55	0.75	1.1	1.5	3	5.5	7.5	7.5
冷却方式	夹套					列管		

符合2010版GMP标准/ISO9001认证/一类、二类压力容器制造
Comply With 2010 Version Of Gmp Standard/iso9001 Certification、Manufacturing Of Type I And Type Ii Pressure Vessels

LIHONG 利宏·企业

Storage tank series
贮罐系列



卧式贮罐 Horizontal storage tank



立式贮罐 Vertical storage tank

◆类型：立式 卧式
蒸馏水贮罐严格遵循《药品生产质量管理规范》GMP总则(1998年修订版)第三十一、三十二条要求，根据GB150-98《钢制压力容器》、JB/T4735-97《钢制焊接常压容器》要求进行设计，制造验收。
◆容器保温材料采用耐高温、抗老化聚胺脂发泡或珍珠棉。
◆接口采用国际通用标准ISO快装卡盘式，内胆选用进口不锈钢SUS304(或SUS316L)制造，内表面镜面抛光至Ra≤0.28μm,外表面抛亚光，镜面、喷砂或冷轧原色亚光，符合2010版GMP医药标准。
◆管口设有 液位计口(静压式、电容式、无触点式、超声波式、玻璃管式)、空气呼吸器、温度计(数显式或表盘式)、CIP清洗口、SIP灭菌口、进出液口及卫生人孔等。
◆容积有1000L-30000L等规格，也可根据客户实际需要进行设计、制造。
◆随机附送有关GMP验证资料(含材质报告、外购件合格证、验证表格等)。

◆Type: vertical horizontalThe distilled water storage tank strictly complies with the requirements of Article 31 and 32 of the GMP General Regulations (Revised Edition of 1998) of the "Pharmaceutical Production Quality Management Code", according to GB150-98 "Steel Pressure Vessel", JB/T4735-97 "Steel "Welded atmospheric pressure vessel" requires design, manufacturing and acceptance.
◆The container heat preservation material adopts high temperature resistant, anti-aging polyurethane foam or pearl cotton.
◆The interface adopts the international general standard ISO quick-loading chuck type, the inner tank is made of imported stainless steel SUS304 (or SUS316L), the inner surface is mirror polished to Ra≤0.28μm, the outer surface is polished matte, mirror, sandblasted or cold-rolled primary color matte , In line with 2010 GMP medical standards.
◆The nozzle is equipped with a level gauge port (static pressure type, capacitive type, non-contact type, ultrasonic type, glass tube type), air respirator, thermometer (digital display or dial type), CIP cleaning port, SIP sterilization Ports, liquid inlets and outlets, sanitary manholes, etc.
◆The volume has specifications such as 1000L-30000L, and can also be designed and manufactured according to the actual needs of customers.
◆Relevant GMP verification materials (including material report, purchased parts certificate, verification form, etc.) are attached randomly.

技术参数 Technology parameter

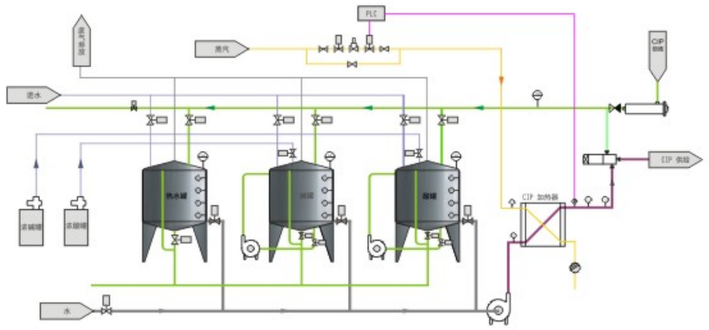
公称容积	工作压力(Mpa)	工作温度(℃)	L(mm)	L1(mm)	D(mm)	D1(mm)	H(mm)
1000L	0.25	100	1950	1500	1050	900	300
2000L	0.25	100	2300	1800	1400	1200	300
3000L	0.25	100	2600	2000	1600	1400	300
5000L	0.25	100	3250	2500	1800	1600	300
8000L	0.25	100	4300	3500	1900	1700	300
10000L	0.25	100	4700	3800	2100	1900	350
20000L	0.25	100	5650	4500	2600	2400	350
30000L	0.25	100	6250	4800	3000	2800	350

CIP
cleaning series
CIP清洗系列



自动清洗系统
◆用途：各种饮料，乳品，果汁，啤酒，生物制药等容器生产线设备和管道的就地清洗。
◆类型：整体型 分体型
◆控制类型： 手动，半自动，自动
◆配置：清水桶，酸液桶，碱液桶， 离心泵，控制柜等

Automatic cleaning system
◆Uses: On-site cleaning of equipment and pipelines for various beverage, dairy, juice, beer, bio-pharmaceutical and other container production lines.
◆Type: Overall type Split type
◆Control type: manual, semi-automatic, automatic
◆Configuration: clean water bucket, acid bucket, lye bucket, centrifugal pump, control cabinet, etc.



本机主要技术参数
加热方式：蒸气
容积：800LX3
外型尺寸：3500X1500X1700(mm)

Main technical parameters of this machine
Heating method: steam
Volume: 800LX3
Dimensions: 3500X1500X1700(mm)

技术参数 Technology parameter

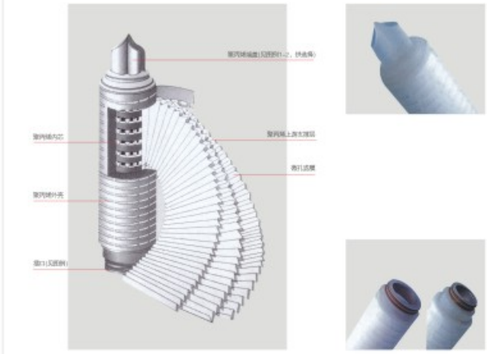
操作压力	a 罐内 常压	b 蒸汽管内:: 0.3-0.7mpa
操作温度	a 酸碱罐内	b 清水罐内 c 蒸汽管内：138℃
物料名称	a 酸碱液罐：2%硝酸液，2%苛性碱液	b蒸汽管 水蒸汽
离心泵流量	10t/h	
离心泵最大扬程	35m	
电机功率	1.2kw.	
容积	a 酸碱液罐 b水罐	
外形尺寸(长x宽x高)	3.0x1.4x2.0m	

CIP清洗程序



LIHONG 利宏·企业

Microporous membrane cartridge filter
微孔膜筒式过滤器





微孔膜筒式过滤器 Microporous membrane cartridge filter

技术参数 Technology parameter

过滤精度(μm)	0.1-60
流量(T/h)	0.5-30
滤芯规格(英寸)	10、20、30、40
使用压力(Mpa)	0.1-0.6
使用温度(℃)	85-143

◆材料：不锈钢SUS304或SUS316L
◆用途：酒类，饮料，果汁，醋类，制药，化工产品等
◆滤筒:1、3、5、7、9、11、13、15
◆滤芯:10英寸、20英寸、30英寸、40英寸
◆滤芯材质: 聚四氟乙烯、聚砜、尼龙、聚丙烯、醋酸纤维。
◆过滤孔径：0.1μm、0.22μm、0.45μm、1μm、3μm、5μm、10μm，

◆Material: stainless steel SUS304 or SUS316L
◆Usage: alcohol, beverage, fruit juice, vinegar, pharmaceutical, chemical products, etc.
◆Filter cartridge: 1, 3, 5, 7, 9, 11, 13, 15
◆Filter element: 10 inches, 20 inches, 30 inches, 40 inches
◆Filter element material: PTFE, polysulfone, nylon, polypropylene, cellulose acetate dimension.
◆Filter pore size: 0.1μm, 0.22μm, 0.45μm, 1μm, 3μm, 5μm, 10μm,

BL Series stainless steel plate and frame filter
BL系列不锈钢板框过滤机



◆材料：不锈钢SUS304或SUS316L
◆用途：酒类，饮料，果汁，醋类，制药，化工产品等
◆过滤精度: 0.2μm、0.3 μm、0.45μm、0.8μm、1μm、2μm

◆Material: stainless steel SUS304 or SUS316L
◆Uses: wines, beverages, fruit juices, vinegars, pharmaceuticals, chemical products, etc.pharmaceutical, chemistry, etc
◆Filtration accuracy: 0.2μm, 0.3 μm, 0.45μm, 0.8μm, 1μm, 2μm

技术参数 Technology parameter

规 格 型 号		BL-150	BL-200	BL-300	BL-400
滤板直径 (mm)		150	200	300	400
层 数		10	10	10	10
流 量		1.5T/h	3T/h	5T/h	8T/h
功 率 (Kw)		0.75	1.1	1.5	2.2
设备重量 (Kg)		156	175	226	257
外型尺寸 (mm)	长	600	650	650	700
	宽	500	500	500	600
	高	800	900	1050	1200

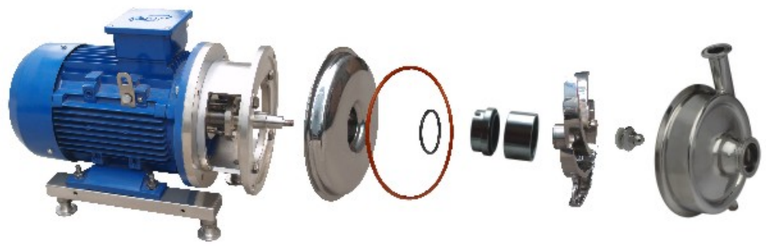
Sanitary
Centrifugal pump
卫生级离心泵





◆泵头材料：SUS304 或 SUS316L
◆用途：食品、乳制品、果汁饮料、医药化工及生物工程等
◆类型：移动式，固定式，
◆叶轮：封闭式，开式
◆马达类型：可选
◆机械密封特殊设计不于物料接触
◆泵体排污卫生处理，无死角
◆最大扬程：合理范围内可选

◆Pump head material: SUS304 or SUS316L
◆Usage: food, dairy products, fruit juice beverage, pharmaceutical chemical industry and biological engineering, etc.
◆Type: mobile, fixed,
◆Impeller: closed, open
◆Motor type: optional
◆Special design of mechanical seal is not in contact with materials
◆Pump body sewage sanitary treatment, no dead ends
◆Maximum head: optional within a reasonable range



BOSP-F型

技术参数 Technology parameter

规 格	流量(T/H)	扬程(M)	功率(KW)	转速(r/min)	电压(V)	进口(mm)	出口(mm)
LH1-75	1	5	0.37	2800	380	25.4	25.4
LH3-110	1.5	8	0.55	2800	380	38.1	25.4
LH3-120	3	15	0.75	2800	380	38.1	25.4
LH5-140	5	24	1.5	2800	380	50.8	32
LH10-150	10	24	2.2	2800	380	50.8	38.1
LH15-160	15	35	3	2800	380	63.5	38.1
LH20-165	20	40	4	2800	380	76.3	38.1
LH30-180	30	25	5.5	2800	380	76.3	50.8
LH50-200	50	40	7.5	2800	380	89	50.8

符合2010版GMP标准/ISO9001认证/一类、二类压力容器制造
Comply With 2010 Version Of Gmp Standard/iso9001 Certification、
Manufacturing Of Type I And Type Ii Pressure Vessels

LIHONG 利宏·企业

Sanitary Rotor Pump
卫生级转子泵





◆流量：500~ 14000
◆泵头材料：SUS304 或 SUS316L
◆用途：食品、乳制品、果汁饮料、医药化工,化妆品，发膏，芳香油及生物工程等
◆类型：(移动式，固定式)
◆泵头：水平方向输送 或 垂直方向输送
◆马达类型：(可选) 变速　变频　固定速度
◆配置：　机械密封，O形圈
◆转子：单叶式 二叶式 三片式
◆物料温度：-30℃~ 150℃
◆其他因数：物料粘度

◆Flow rate: 500~ 14000
◆Pump head material: SUS304 or SUS316L
◆Usage: food, dairy products, fruit juice drinks, medicine and chemical industry, cosmetics, Hair cream, aromatic oil and biological engineering, etc.
◆Type: (mobile, fixed)
◆Pump head: horizontal conveying or vertical conveying
◆Motor type: (optional) variable speed frequency conversion fixed speed
◆Configuration:　Mechanical seal, O-ring
◆ Rotor: single-leaf type, two-leaf type, three-piece type
◆Material temperature: -30℃~ 150℃
◆Other factors: material viscosity



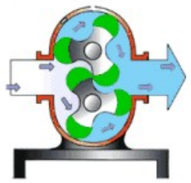
单叶式
Single leaf

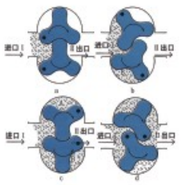


二叶式
Two-leaf



三片式
Three-piece





技术参数 Technology parameter

序号	型号	每转排量(L)	建议调速范围(rpm)	对应流量(L/h)	电机功率(Kw)	进出口管径(mm)
1	TR(A)-I-1	0.055	200-400	660-1320	0.55	25
2	TR(A)-I-2	0.075	200-400	900-1800	0.75	32
3	TR(A)-I-3	0.095	200-400	1140-2280	1.1	32
4	TR(A)-I-4	0.118	200-400	1400-2800	1.5	38
5	TR(A)-I-5	0.18	200-400	2000-4000	2.2	38
6	TR(A)-I-6	0.28	200-400	3000-6000	3	50
7	TR(A)-I-7	0.34	200-400	3600-7200	4	50
8	TR(A)-I-8	0.424	200-400	4500-9000	5.5	50
9	TR(A)-I-9	0.53	200-400	5700-11000	7.5	63.5
10	TR(A)-I-10	0.657	200-400	7000-14000	7.5	63.5

Stand-alone
Series
单机系列



钛棒过滤器
Titanium rod filter



可倾式夹层锅
Tilting jacketed pot



板式换热器
Plate heat exchanger



双桶过滤器
Double barrel filter



列管式浓缩器
Tubular concentrator



盘管式真空浓缩锅
Coil type vacuum concentrator

LIHONG 利宏·企业

System configuration on sanitary stainless steel tank
卫生级不锈钢罐上系统配置



机械密封
Machinery Seal



无菌呼吸器
Sterile respirator



空气呼吸器
Air respirator



360° 自动旋转清洗球
360o automatic rotating cleaning ball



卡箍式温度计
Clamp thermometer



称重模块
Weighing module



进口减速机
Imported reducer



进口数显温度计
Imported digital thermometer



一体化视灯镜
Integrated light mirror



数显液位计
Digital display level gauge



卫生人孔
Sanitary manhole



卫生止回阀
Sanitary check valve



卫生级不锈钢视盅
Sanitary stainless steel sight cup



温度变速器
Temperature transmission



隔膜式压力表
Diaphragm pressure gauge



搅拌器系列
Stirrer series

Sanitary
Pipe Fittings
卫生级管道配件

符合2010版GMP标准/ISO9001认证/一类、二类压力容器制造
Comply With 2010 Version Of Gmp Standard/iso9001 Certification、
Manufacturing Of Type I And Type Ii Pressure Vessels

LIHONG 利宏·企业

利宏人深知管件、阀门与卫生洁净设备的密切相关，对确保整套工艺设备的卫生要求的重要性，所以，加工的每一个配件都精工细做，材料均采用不锈钢 SUS304、SUS316L制成，内表面镜面抛光处理，光洁度Ra≤0.28μm，外表面处理采取机械抛光、磨砂、亚光等多种形式，采用ISO、DIN、IDF、SMS、RJT等国际技术标准，系列化产品能符合2010版GMP医药标准。





Lihong people are well aware of the close relationship between pipe fittings, valves and sanitary and clean equipment, and the importance of ensuring the sanitary requirements of the entire process equipment. Therefore, every part of the processing is exquisitely made. The materials are made of stainless steel SUS304 and SUS316L. The surface is mirror polished, and the finish is Ra≤0.28μm. The external surface treatment adopts various forms such as mechanical polishing, frosting, and matt. It adopts ISO, DIN, IDF, SMS, RJT and other international technical standards. The serialized products can meet 2010 GMP medical standards. .



