



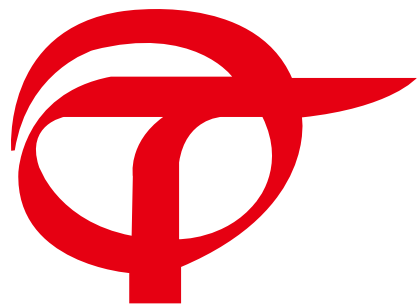
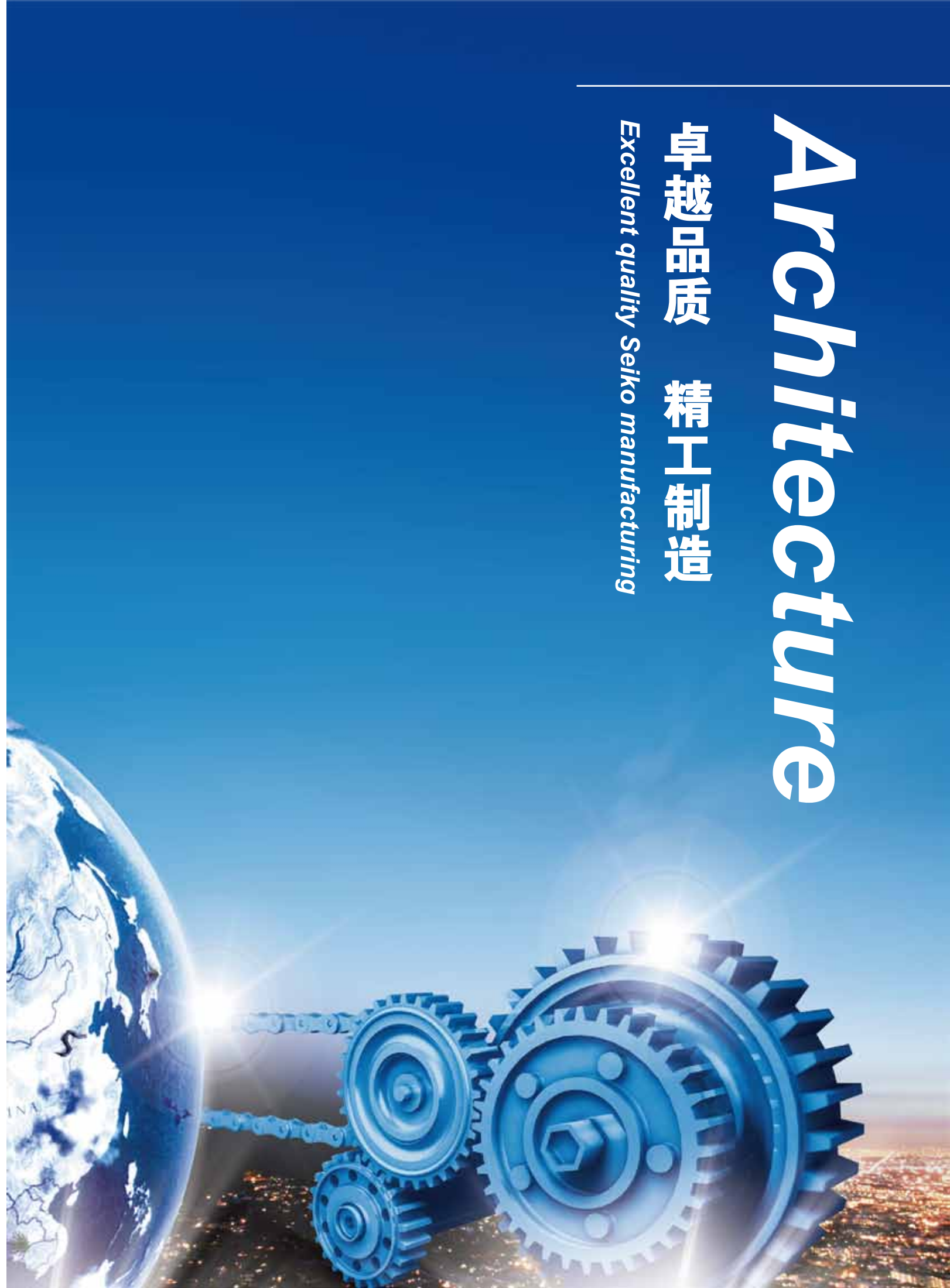
LEITE

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Architecture

卓越品质 精工制造

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LEITE PERIFIED HEAVY INDUSTRY



优质的加工创造非凡的品质 为产品安装使用提供解决方案 更低的价格让您的利益最大化

Quality processing to create extraordinary quality * providing solutions for product installation * lower prices allow you to maximize the benefits



LEITE HEAVY INDUSTRY

一、二、三类压力容器制造资质

雷特重工

Wuxi Leite Petrified heavy industry Equipment CO., LTD

无锡雷特石化重工装备有限公司



公司资信 Company's credit



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50T 行车



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全自动摆锤冲击试验机与冲击试验低温箱



XXH3005 摆锤机



生产现场
PRODUCTION SITE





13-20

反应搅拌设备

Reaction stirring equipment

- 不锈钢反应釜
- 蒸汽加热导热油循环加热反应釜
- 外半管、盘管式反应釜
- 多功能分散釜
- 不饱和树脂、涂料设备
- 红外线加热高温反应釜



21-28

换热设备

Heat Transfer Equipment

- 列管式冷凝器
- 气-水热交换器
- 螺旋板式换热器
- 列管换热器系列
- 容积式加热、浮头式换热器



29-36

发酵、过滤、提取设备

Fermentation, extraction, filtration equipment

- 发酵罐系列
- 多功能提取罐系列
- 种子罐
- F型提取罐系列
- 中药酒精沉淀罐
- 动态热回流提取浓缩罐
- IG型列管式过滤器



37-44

干燥、分散、混合设备

Drying, dispersing, mixing equipment

- 圆筒式干燥器
- 真空耙式干燥器
- ZJG型内加热搅拌真空干燥机
- LG系列离心式刮板薄膜蒸发器
- 结晶(加热)切片机
- BM系列薄膜蒸发器



45-52

蒸馏浓缩设备

Distillation enrichment equipment

- 真空减压浓缩罐
- ZN-C型新型浓缩罐
- WZ I 型外加热式真空蒸发器
- WZ III型外加热式真空蒸发器
- 精馏回收塔
- 塔设备
- 酒精回收塔



53-60

其他设备

Other equipment

- 真空均质乳化设备
- 不锈钢(碳钢)储罐、槽车系列
- 储罐
- 分汽缸、分汽包、水箱等
- 蒸压釜、硫化罐、玻璃釜

销售网络

SALES NETWORK

倾力赢得市场

EXERT OURSELF TO WIN THE MARKET



服务，以客为尊
Service, all for customer



多年来，雷特重工凭借雄厚的实力、良好的信誉以及严格的质量管理、优质的售后服务，赢得了社会广大用户的一致认可。现在我们的产品已遍布世界各地。

Over the years, Reiter Heavy virtue of a strong, good reputation and strict quality management, quality of service, won the unanimous endorsement of social customers. Now our products have been all over the world.



我们与用户

WE WORK WITH USERS

序号	单 位	设 备 名 称	容器类别
1	中核集团	核电站储罐、换热器等成套设备	I , II , III类
2	兰州科天集团	水性漆成套设备	I , II类
3	攀钢集团	海棉钛成套设备	II , III类
4	山东齐鲁石化 (扩建工程)	换热设备、复合板加氢器	II类
5	中国南海工程有限公司	2-12立方反应釜 (8套)	I类
6	安徽锦洋氟化学有限公司	冷凝器, 精馏塔, 脱气塔, AHF贮罐28台	I , II , III类
7	浙江德欧化工制造有限公司	15m³精制锅, 换热器	II , III类
8	福建清流闽山化工有限公司	100m³氯气贮罐3台	III类
9	江西九江鑫星化工有限公司	反应设备	III类
10	常州永和精细化工有限公司	5000L不锈钢加氢釜	III类
11	江阴梁溪化工有限公司	26m脱甲醛塔, 反应釜	III类
12	大连旅顺化工厂	50m³液氯贮罐2台	III类
13	河南利华制药有限公司	20000L搅拌罐, 100m³发酵罐 (8台)	I类
14	内蒙古金达威药业有限公司	60m³发酵罐 (6台)	I类
15	上海南阳热管锅炉制造有限公司	锅炉辅机	I类
16	迪斯美巴拉斯特(上海)有限公司	炼油设备, 200m³贮罐	I类
17	洛阳化工设计院	富胺液闪蒸罐, 反应产物注水罐	II类
18	上海五冶冶金建设有限公司	冷四标、F05热风段、辅机等	II , III类
19	洛社荣成纸业	锅炉辅机	I类
20	安徽亚邦化工石油公司	10000L蒸馏釜	II类
21	扬州英赛特化工技术有限公司	聚酯切片全套设备 (伊朗)	I , II类
22	山东飞扬化工有限公司	树脂全套设备	II类
23	浙江东阳市有机化工二厂	酸性染料全套设备	II类
24	福建厦门三达膜科技有限公司	聚合松香全套设备	II类
25	浙江德清新乐安化工厂	15000L反应釜	II类
26	广西万山香料有限公司	精馏塔反应釜设备	I类
27	华东电力试验研究院	压力平衡器	II类
28	欧美化学有限公司	300平方冷凝器25000L反应釜	I类
29	大连理工大学工程开发公司	15000不锈钢反应釜, 100m²换热器	I类
30	南京钢铁公司炼铁厂	φ 2200x4600塔、汽包、辅机	I类, II类
31	山西煤化所	1000Kg/h甲醇回收装置	I类
32	福建长城树脂有限公司	25000T/Y全套设备	I , II类
33	吉化公司颜料厂	10000T/Y甲醇, 乙醇回收装置	I类
34	乌鲁木齐五洲药业公司	20000L多功能提取罐, 浓缩罐	I类
35	深圳太太药业有限公司	发酵, 提取工程	I类
36	中国国际储油中心(舟山)	定期排污膨胀器, 分汽缸, 除氯器	I类
37	苏州贤进化工有限公司	加热器	I类

序号	单 位	设 备 名 称	容器类别
38	马努利(苏州)有限公司	分汽缸, 除氯器, (德国)	I类
39	上海德塞堡建材公司	5000L反应设备	II类
40	普旭真空设备国际贸易(上海)有限公司	换热设备	II类
41	无锡市锡惠化工节能设备有限公司	换热器	II类
42	江阴宏凯化纤有限公司	工艺, 废水, 汽提塔	I类
43	浙江凯普化工有限公司	反应设备	I类
44	湖州大成化学工业有限公司	反应设备	II类
45	太仓市明光乳化工厂	反应釜	II类
46	苏州巨峰绝缘材料有限公司	40m³ 全套树脂设备 (5套)	I类
47	山东沂源鑫泉化工有限公司	300m²换热器, 150m²螺旋板 (45台)	I类
48	河南利华制药有限公司	20000L反应釜, 100m³发酵罐 (8台)	I类
49	南通维立科化工有限公司	12 m³刮板蒸发器, 50m³蒸馏釜	I , II类
50	山东富欣生物科技股份有限公司	60m³中压氢气贮罐, 30m³卧式反应釜	III类
51	上海金海雅宝精细化工有限公司	35m³加成反应釜, 15m³结晶釜 (22台)	II类
52	上海聚友化工有限公司	热煤膨胀罐, 冷凝器, 反应釜	II类
53	烟台首钢东星集团有限公司	30m³空气贮罐、汽包、辅机	I类, II类
54	上海宝山钢铁厂	汽包	I类
55	新洲 (武平) 林化有限公司	澄清槽, 冷凝器, 溶解锅, 水洗锅	I , II类
56	广州天赐高新材料股份有限公司	反应釜, 精馏釜, 冷凝 (18台)	I , II类
57	北京宝冠助剂有限公司	1.5m不锈钢切片机 (2台)	I类
58	深圳波顿香料有限公司	香料设备全套, 100m³蓄热器	I类
59	天津机械进出口有限公司	100m³快开式蒸汽硫化罐 (2台)	II类
60	山东德州恒隆气体有限公司	60m²热冷端增压机冷却器 (6台)	II类
61	湖北启达药业有限公司	计量罐, 储罐 (20台)	I类
62	上海粮食科学研究所	旋转刮板薄膜蒸发器, 反应罐 (6台)	I , II类
63	盐城信谊医药化工有限公司	计量罐 (59台)	I , II类
64	苏州鸿达石化设备安装有限公司	双层油槽 (16台)	I , II , III类
65	苏州优合科技有限公司	白酯塔, 冷凝器, 再沸器 (8台)	II , III类
66	新疆有色金属研究所	氢氧化锂反应釜 (12台)	I类
67	北京东方红新能源应用技术研究院有限公司	磁力不锈钢反应釜 (3台)	II类
68	淄博永大化工有限公司	10万吨/年环氧丙烷项目换热器设备 (6台)	I , II类
69	中国石油大连润滑油研发中心	乙丙共聚物反应釜 (13台)	I类
70	湖北天美生物科技有限公司	回收塔, 计量罐, 接收罐, 反应釜 (19台)	I , II类
71	浙江中天氟硅材料有限公司	脱高塔再沸器, 冷凝器 (一套)	I , II类
72	山东瑞阳硅业科技有限公司	换热器类设备	I , II类
73	湖南百利工程科技股份有限公司	环己酮装置容器 (34台)	I , II类
74	济宁长兴塑料助剂有限公司	40立方反应釜, 150m²换热器	II , III类
75	江苏启东江天化工有限公司	2000L反应釜全套, 1500反应釜全套	II , III类
76	科盛催化材料有限公司	计量罐, 换热器, 回收塔, 搅拌釜	II , III类
77	江苏鸣翔化工有限公司	4300L反应釜	II类
78	宝山电厂	锅炉辅机	I , II类
79	镇江谏壁电厂	辅机	I , II类

注: 排名不分先后, 因版面有限, 更多用户不能一一列举敬请谅解。

反应搅拌设备

The reaction was stirred equipment

产品概述

反应容器指主要用来完成物理、化学反应的压力容器，例如反应釜、氧化釜、分解釜、聚合釜、结晶釜等。我公司可制造容积80m³、压力10MPa、单台重量100T的大型反应釜。加热方式有电、蒸汽、导热油、红外线等；冷却方式为夹套、外盘管和釜内盘管冷却，转数0~1000r/min变频调速。搅拌桨叶的形式可根据用户的要求任意选配。材料可为碳钢、不锈钢、钛、铝合金、双相钢及其复合材料。

根据反应釜的密封形式不同可分为：填料密封、机械密封和磁力密封。

根据反应釜的制造结构可分为开式平盖反应釜、开式对焊大法兰反应釜和闭式反应釜三大类，每一种结构都有它的适用范围和优缺点。

Product overview

Reactor pressure vessel used mainly to complete physical, chemical reaction, for example the reactor, the oxidation reactor, the decomposition reactor, the polymerization reactor, such crystallization reactor. Our company can produce the volume of 80m³, pressure 10MPa, the weight of a single large reactor 100T's. Electric heating, steam, oil, infrared, etc.; jacket cooling mode, the outer coil and cooling coil inside the kettle, rpm 0 ~ 1000r/min frequency control. Stirring blades can be any optional form according to user requirements. Material can be carbon steel, stainless steel, titanium, aluminum, dual-phase steel and composite materials.

The seal in the form of the reactor can be divided into: packing seal, mechanical seal and magnetic seal.

According to the manufacturing structure of the reactor can be divided into flat lid open reactor, open butt Dafa blue reactor and closed reactor into three categories, each structure has its scope and the advantages and disadvantages.

不锈钢反应釜主要技术参数 stainless steel reactor main technical parameters

规格(L) specification	公称直径 (φmm) nominal diameter	夹套公称直径 (φmm) nominal diameter of the jacket	电动机功率 (KW) motor power	减速机型号 reducer model	搅拌转速 (r.p.m) stirring speed
30	400	500	0.6	BLD 0.6-1	60-100
50	500	600	0.8	BLD 0.8-1	60-100
100	550	650	1.1	BLD 1.1-1	60-100
150	600	700	2.2	BLD 2.2-2	60-100
200	650	750	2.2	BLD 2.2-2	60-100
300	800	900	3	BLD 3-2	60-100
500	900	1000	3	BLD 3-2	60-100
800	1100	1200	4	BLD 4-2	60-100
1000	1200	1300	4	BLD 4-3	60-100
1500	1300	1400	4	BLD 4-3	60-100
2000	1400	1500	5.5	BLD 5.5-3	60-100
2500	1400	1500	7.5	BLD 7.5-4	60-100
3000	1400	1500	7.5	BLD 7.5-4	60-100
3500	1400	1500	7.5	BLD 7.5-4	60-100
4000	1500	1600	7.5	BLD 7.5-4	60-100
5000	1600	1700	7.5	BLD 7.5-4	60-100
6000	1800	1900	15	BLD 15-5	60-100
18000	2000	2100	15	BLD 15-5	60-100
32000	3000	3200	37	BLD 37-56A	35-59
80000	4000	4200	55	BLD 55-56A	35-59

注：以上数据仅供参考，如有特殊规格，可根据用户需求设计制造。

■ 产品展示 Products



电加热不锈钢反应锅



蒸汽(油)加热不锈钢反应锅



外盘管加热不锈钢反应锅

■ 主要技术参数参考表 The main technical parameters Reference Table

规格(L) specification	公称直径 (φmm) nominal diameter	夹套公称直径 (φmm) nominal diameter of the jacket	电动机功率 (KW) motor power	减速机型号 reducer model	搅拌转速 (r.p.m) stirring speed
30	400	500	0.6	BLD 0.6-1	60-100
50	500	600	0.8	BLD 0.8-1	60-100
100	550	650	1.1	BLD 1.1-1	60-100
150	600	700	2.2	BLD 2.2-2	60-100
200	650	750	2.2	BLD 2.2-2	60-100
300	800	900	3	BLD 3-2	60-100
500	900	1000	3	BLD 3-2	60-100
800	1100	1200	4	BLD 4-2	60-100
1000	1200	1300	4	BLD 4-3	60-100
1500	1300	1400	4	BLD 4-3	60-100
2000	1400	1500	5.5	BLD 5.5-3	60-100
2500	1400	1500	7.5	BLD 7.5-4	60-100
3000	1400	1500	7.5	BLD 7.5-4	60-100
3500	1400	1500	7.5	BLD 7.5-4	60-100
4000	1500	1600	7.5	BLD 7.5-4	60-100
5000	1600	1700	7.5	BLD 7.5-4	60-100
6000	1800	1900	15	BLD 15-5	60-100
18000	2000	2100	15	BLD 15-5	60-100
32000	3000	3200	37	BLD 37-56A	35-59
80000	4000	4200	55	BLD 55-56A	35-59

其它特殊规格可另行设计

■ 产品展示 Products

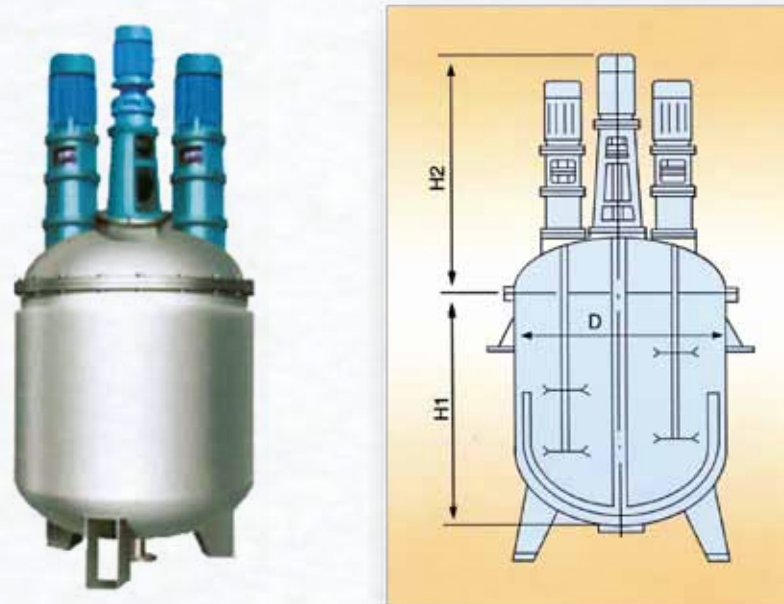


产品概述

多功能分散釜集低速强力搅拌和高速分散多功能于一体，对中高粘度及触变性物料具有很好的适应性。由于搅拌，分散可同时进行，能获得理想效果。该机适用于各种物料的搅拌，溶解分散和调漆，操作简单，适应性强，是理想的搅拌，分散设备。

Product overview

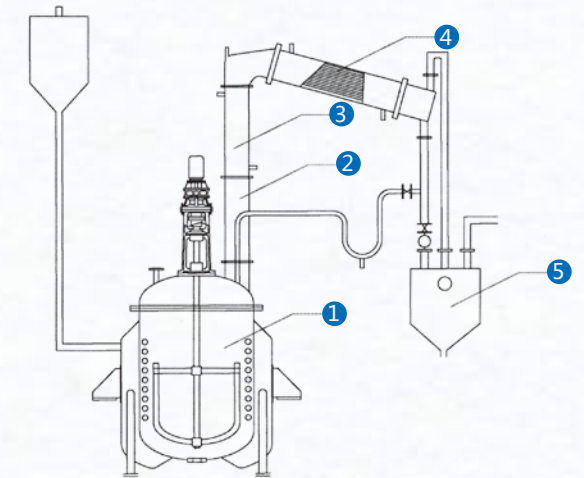
Multifunctional dispersion strong stirring kettle set low and high dispersion-in-one, for high viscosity and thixotropic material has good adaptability. The stirring, the dispersion can be performed simultaneously, the desired effect can be obtained. It applies to stir a variety of materials, dispersed and dissolved paint, simple, adaptable, ideal mixing, dispersing equipment.



主要技术参数参考表 The main technical parameters Reference Table

参 数 parameter		型 号 model						
		FS-2	FS-3	FS-5	FS-6	FS-8	F S-10	FS-12
容积(m³) volume		2	3	5	6	8	10	12
搅拌功率(kw) stirring power		5.5	5.5	7.5	7.5	11	13	14.3
搅拌转速(r/min) stirring speed		50	50	50	50	41	41	41
搅拌器直径(mm) stirrer diameter		1300	1500	1700	1700	1900	2100	2300
分散转速 (r/min) dispersion speed		2800	2800	2800	2800	2800	2800	2800
分散功率(kw) decentralized power		13/16	13/16	22/24	22/28	22/28	26/34	30/42
分散盘个数 dispersion plate number		2	4	4	4	4	6	6
外形尺寸(mm) boundary dimension	D	1400	1600	1600	1800	2000	2200	2400
	M ₁	1650	1765	2040	2400	2400	2950	3100
	M ₂	1900	2000	2200	2500	2500	2570	2620

产品展示 Products



- 1.反应锅 3.立式冷凝器
2.立式分馏柱 4.卧式冷凝器 5.贮水器



主要技术参数参考表 The main technical parameters Reference Table

部件名称 part name	容积及尺寸 volume and size							
反应釜(L) the reaction kettle	50	100	300	500	1000	2000	3000	5000
立式分馏柱 vertical fractionating column	DN70×460	DN100×500	DN150×560	DN150×750	DN200×790	DN200×1000	DN250×1200	DN300×1200
立式冷凝器(m²) vertical condenser	0.01	0.19	0.22	0.49	1	1.5	2.5	5
卧式冷凝器(m²) horizontal condenser	0.29	0.58	1.5	2.08	3.17	5	12	20
缩水灌(L) shrink tank	8	30	50	60	100	120	198	300
稀释釜(L) dilution kettle	100	200	500	800	1500	3000	4500	7500

产品概述

采用红外线温度加热，使用温度可达到300-600℃。使用稳定，温度可调，国内首创。

高效节能的红外技术早在70年代由国家能源部向全国作重点推广应用，我公司于2000年率先研制将红外技术精心设计，合理应用在：反应釜、蒸馏釜、搪瓷釜、聚合釜、干燥设备、管道等容器上加热和保温,深受用户的一致好评。

远红外电加热装置具有加热面积大，升温平稳而快，放热均匀，温度控制方便，可上、中、下分段控制，釜内釜壁温度易控制，对釜内物料无任何副作用，运行无噪音，无污染，使用寿命长（30000h以上），节能显著（28%以上）。加热器温度可在常温到800℃范围内任意设定。为满足用户需求我公司将加热设备又进行改造，使加热装置整体达到防爆要求，并通过“国家防爆电器产品质量检验中心鉴定”，从而彻底解决了用户一直担心且其它加热方法不能解决的防爆难题。

Product overview

Infrared heating temperature, temperature can reach 300-600 °C. The use of stable, adjustable temperature, a national initiative.

Energy efficient infrared technology as early as in the 1970s by the State Department of Energy to promote the use of the country as the focus of our company in 2000 developed the first infrared technology designed reasonable application: reactor, distillation kettle, enamel kettle, polymerization reactor, dried heating and insulation container equipment, piping, etc., by the praise of users.

Far-infrared heating means having a large heating area, a smooth and fast heating, uniform heat to facilitate temperature control, the upper, middle and lower sub-control, the autoclave reactor wall is easy to control the temperature of the autoclave without any side effects, operating No noise, no pollution, long life (30000h above), significant energy saving (28%). Heater temperature in the range of room temperature to 800 °C arbitrary. To meet the needs of our users and to transform the heating device, the heating device as a whole to achieve proof requirements, and through the "National Quality Inspection Center explosion-proof electrical product identification", thus completely solve the user has to worry about and other heating methods can not solve the problem of proof .



主要技术参数参考表 The main technical parameters Reference Table

反应釜用导热油加热与远红外加热节能效果对照表				
以例举4000L反应釜用户使用情况为例：				
序号	加热方式 类别	导热油加热	远红外加热	备注
1	设计功率	168KW	120KW	
2	功率分布	分8组电热管加热	分上、中、下三段加热	
3	热响应时间	要将夹套内1T导热油加热到280℃需1.5小时耗电量需250度	反应釜外壁当通电30分钟时其温度达到400℃、需耗电为42度	
4	实际使用功率	160KW满负荷工作	实际只用了中、下两组84KW就满足工艺要求	
5	一釜料耗电量	反应一釜料耗电1764度	反应一釜料耗电814度	节电53%
6	使用安全标准	电热管加热不能防爆	加热装置整体结构全部达到防爆要求、且具备相关的防爆证书	
7	卫生环境程度	因导热油内需添加联苯混合物、当在高温下油气泄漏且有毒对人有害	运行无污染、无噪音、对物料无碳化或结焦等现象安装后不需再保温	
8	适合反应温度	适合温度在300℃以内	物料温度在700℃范围内都能加热，温度可任意设定	
9	正常损耗	因导热油易碳化每年至少更换一次油和电热管	在三年内无需增加任何费用且安装检修方便	节约开支10000元/年
10	导热原理	是将夹套油加热后、通过油的热量传到釜内让其物料吸热	由电阻发热体通电产生热能通过碳化硅远红外将热能均匀辐射到釜内物料	





换热设备

Heat transfer equipment

换热器

Heat Exchanger

换热设备

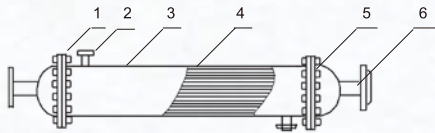
Heat Transfer Equipment

■ 产品概述

换热器是一种实现物料之间热量传递的节能设备，是在石油化工、冶金、电力、轻工、食品、制药等行业普遍应用的一种换热设备。在炼油、化工装置中换热器占总设备数量的40%左右，占总投资的30%-45%。近年来随着节能技术的发展，应用领域不断扩大，利用换热器进行高温和低温热能回收带来了显著的经济效益。目前，在换热设备中，使用量最大的是管壳式换热器。

■ Product overview

Heat exchanger is a heat exchanging equipment, which is wided used in petroleum chemical, metallurgy, electric power, light industry, foodstuff, pharmacy field, and etc. In the oil refining, chemical production line, the number of heat exchangers has occupied around 40% of the total equipment, and 30%-45% of the total investment. In resent years, the usage has expanded because of the development of energy saving technology. It achieves great economic benefit by reusing the heat and lower-temperature exchange. And, In the heat exchanger series the tube heat exchangers are the most widely used.



1 法兰 2 进出口接管 3 壳体
4 列管 5 封头 6 进出口管

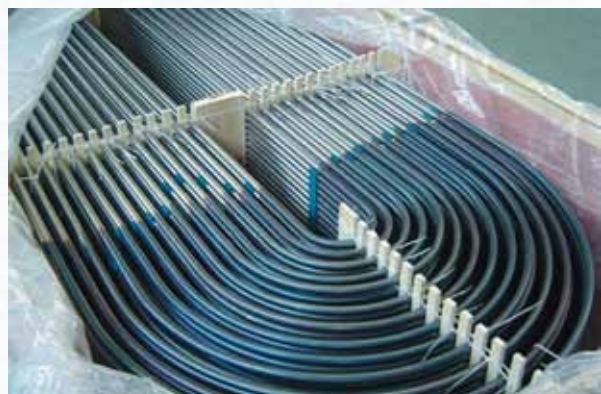
■ 主要技术参数参考表

The main technical parameters Reference Table

公称直径 nominal diameter	管程数 number of passes	管子数量 pipe number	换热面积 公称值/计算值 heat exchange area of nominal value/calculation					管程通道截面积 管程通道流速为0.5m/sec 时的流量(m³/hr) Tube side channel cross-sectional area of tube side flow velocity of 0.5 m³/sec		压力 (MPa) pressure
			管子长度 (m) pipe length					φ25×2.5		
			1500	2000	3000	4000	6000	φ25×2		
159	1	14	1.5/1.62	2/2.17	3/3.27			0.0044/0.0049	7.92/8.82	0.25
219	1	26	3/3.00	4/4.02	6/6.06	8/8.1		0.0082/0.0090	14.76/16.20	0.6
273	1	44	5/5.08	7/5.18	10/10.26	14/13.72	21/20.63	0.0138/0.0152	24.84/27.36	1.6
	2	40	5/4.62	6/6.19	9/9.33	12/12.47	19/18.76	0.0063/0.0069	11.24/12.42	2.5
325	1	60	7/6.93	9/9.28	14/14.00	19/18.71	28/28.13	0.0188/0.0208	33.84/37.44	0.6
	2	56	6/6.47	9/8.66	13/13.05	17/17.46	36/26.26	0.0088/0.0097	15.84/17.46	1.0
400	1	119	14/13.47	18/18.41	28/27.76	37/37.10	55/55.8	0.0374/0.0412	67.32/74.16	1.6
	2	110	13/12.70	17/17.02	26/25.66	34/34.20	50/51.58	0.0173/0.0190	31.14/34.20	2.5
500	1	185			45/4.15	55/57.68	85/86.74	0.0581/0.0641	104.58/115.38	
	2	180			40/41.99	55/57.68	85/86.74	0.0283/0.0312	50.94/56.16	
600	1	269			60/62.7	85/83.88	125/126.13	0.0845/0.0932	152.10/167.76	
	2	266			60/32.05	80/82.94	125/14.72	0.0418/0.0461	75.24/83.98	
700	1	379			90/88.41	120/118.17	175/177.71	0.0091/0.1313	214.38/236.34	
	2	358			85/83.51	110/111.62	165/167.85	0.0562/0.0620	101.16/111.60	
800	1	511			120/119.20	160/159.16	240/239.60	0.1605/0.1770	288.90/318.60	
	2	488			115/113.83	150/152.16	230/228.81	0.0767/0.0845	138.06/152.10	
900	1	649			150/151.39	200/202.36	305/304.3	0.2039/0.2248	367.02/404.46	
	2	630			145/146.96	195/196.44	295/295.40	0.0990/0.1091	178.20/196.38	
1000	1	805			185/187.78	250/251.00	375/377.45	0.2529/0.2788	455.22/501.74	
	2	792			185/184.75	245/246.95	370/371.36	0.1244/0.1374	223.92/246.96	

注：以上数据仅供参考，如有特殊规格，可根据用户需要设计制造。

■ 产品展示 Products



■ 产品概述

我厂生产的气 - 水热交换器，按材质分为碳钢列管交换器、不锈钢列管式交换器和碳钢与不锈钢混合列管式交换器三种，按形式分为固定管板式、浮头式、U型管式换热器，按结构分为单管程、双管程和多管程。传热面积0.5-1500m²,可根据用户需要定制。

气水热交换器主要指的是以气水为媒介的换热设备。气水热交换器又可以称作气水换热器或者气水换热设备，其次除了气水热交换器以外还有水水热交换器和油气热交换器。他们的应用范围非常的广，不仅在生产中得到了广泛的应用，而且在化工和生活中也不断地得到了认可和广大用户的青睐。

■ Product overview

I plant the air - water heat exchanger, according to material into steel tube exchangers, shell and tube exchangers stainless and carbon steel and stainless steel mixing tube exchanger are three forms divided by the fixed tube sheet, floating head, U-tube heat exchanger, according to the structure into a single tube, double tube and multiple tube. Heat transfer area of 0.5-1500m², can be customized according to user needs.

Gas-water heat exchanger is the main means of air and water as a medium of heat transfer equipment. Gas-water heat exchanger and can be referred to the gas-water or air-water heat exchanger equipment, followed by air-water heat exchanger in addition to oil and gas as well as water of heat exchanger. Their wide range of applications, has been widely used not only in production but also in the chemical and life continue to be recognized and the vast majority of users.



■ 主要技术参数参考表 The main technical parameters Reference Table

直径 (mm) diameter	有效长度 (m) effective length	传热面积 (m ²) Heat transfer area	工作温度(°C) operating temperature	工作压力(MPa) working pressure
400	1.2-2.6	3.37-8.07	200	0.6
500	1.6-3.0	7.9-14.9	200	0.6
650	1.8-3.2	14.2-25.3	200	0.6
800	1.8-3.2	23.0-40.8	200	0.6

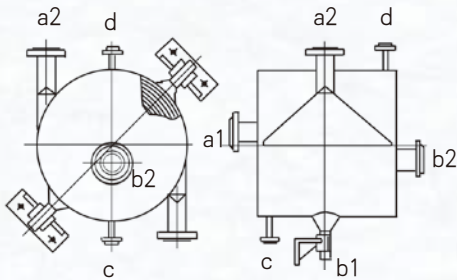
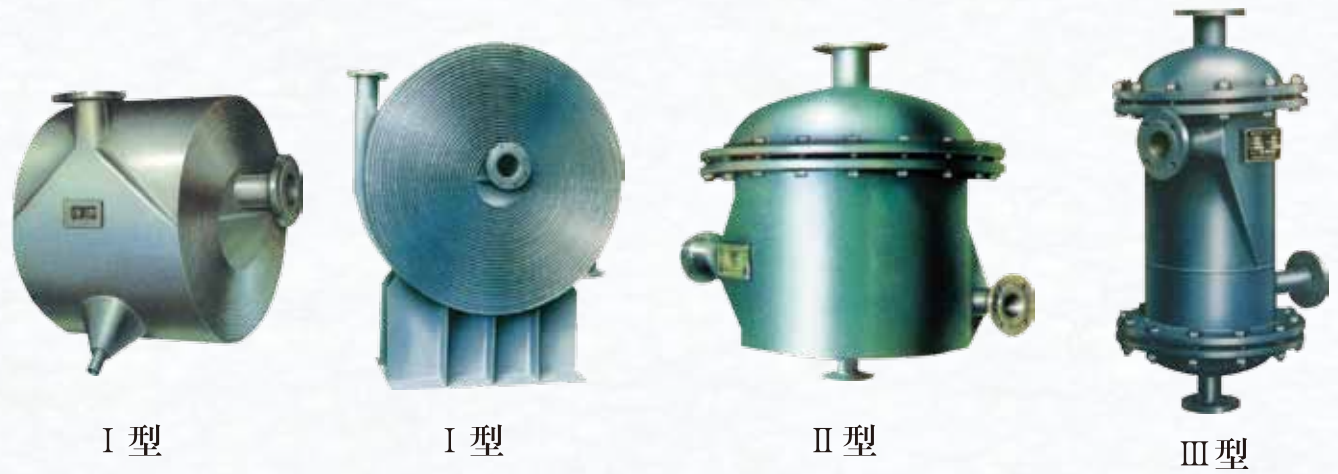
螺旋板式换热器
Spiral plate heat exchanger

产品概述

螺旋板式换热器是一种高效换热设备,适用汽 - 汽、汽 - 液、液 - 液的换热。它适用于化工、石油、医药、食品、轻工、纺织、冶金、轧钢、焦化等行业。按结构形式可分为不可拆式（Ⅰ型）螺旋板式及可拆式（Ⅱ型、Ⅲ型）螺旋板式换热器。

Product overview

Spiral plate heat exchanger is a highly efficient heat transfer equipment for steam - steam, gas - liquid, liquid - liquid heat exchanger. It is suitable for chemical, petroleum, pharmaceutical, food, light industry, textile, metallurgy, steel rolling, coking and other industries. Form of the structure can be divided into non-removable (Ⅰ type) spiral plate and removable (Ⅱ type, Ⅲ type) spiral plate heat exchanger.



螺旋板式换热器
Spiral plate heat exchanger

主要技术参数参考表 The main technical parameters Reference Table

公 称 换热面积 m ²	通道 间距 mm	计算换 热面积 m ²	流 速 1m/sec 时 处 理 量 m ³ /h	接管公 称直径 DN	型 号	重 量(kg)	
						I 6B 型	I 16B 型
1	6	1.0	3.89	40	I 6, I 16B1-0.2/300-6	44	50
2	6	2.1	3.89	40	I 6, I 16B2-0.2/400-6	78	85
4	6	4.4	8.2	50	I 6, I 16B4-0.4/400-6	131	135
	10	4.5	17.3	80	I 6, I 16B4-0.5/450-10	129	133
	10	4.8	13.7	70	I 6, I 16B4-0.4/500-10	161	205
8	6	7.3	8.21	50	I 6, I 16B8-0.4/500-6	212	215
	10	7.85	17.3	80	I 6, I 16B8-0.5/550-10	235	273
	10	7.3	20.90	80	I 6, I 16B8-0.6/500-10	237	275
10	6	11.1	8.21	50	I 6, I 16B10-0.4/600-6	295	355
	10	11.5	17.3	80	I 6, I 16B10-0.5/650-10	315	405
	10	11.2	20.90	80	I 6, I 16B10-0.6/600-10	305	395
15	6	16.9	12.54	70	I 6, I 16B15-0.6/600-6	415	490
	10	14.72	17.3	80	I 6, I 16B15-0.5/760-10	405	575
	10	15.0	28.1	80	I 6, I 16B15-0.8/600-10	400	570
20	14	15.6	39.3	100	I 6, I 16B15-0.8/700-14	505	680
	6	21.7	8.21	50	I 6, I 16B20-0.4/800-6	540	710
	10	21.0	20.90	80	I 6, I 16B20-0.6/800-10	555	735
25	14	20.9	39.30	100	I 6, I 16B20-0.8/800-14	660	830
	10	26.6	29.90	80	I 6, I 16B25-0.6/900-10	610	950
	14	26.9	39.20	100	I 6, I 16B25-0.8/900-14	720	1060
30	10	28.2	28.10	100	I 6, I 16B30-0.8/800-14	750	1180
	14	32.2	39.20	100	I 6, I 16B30-0.8/1000-14	980	1370
40	10	45.4	35.30	100	I 6, I 16B40-1.0/900-10	1130	1515
	14	40.2	19.4	125	I 6, I 16B40-1.0/1000-14	1200	1630
50	10	53.9	35.3	100	I 6, I 16B50-1.0/1000-14	1360	1755
60	10	61.05	35.3	100	I 6, I 16B60-1.0/1100-10	1920	2112
	14	60.08	49.40	125	I 6, I 16B60-1.0/1200-14	2000	2200
80	10	81.83	35.3	100	I 6, I 16B80-1.0/1200-10	2560	2816
	14	80.9	49.40	125	I 6, I 16B80-1.0/1400-14	2667	1934
100	10	101.9	35.3	100	I 6, I 16B100-1.0/1300-10	3200	3520
	14	100.06	49.40	125	I 6, I 16B100-1.0/1500-14	3333	3666
120	10	115.5	35.3	100	I 6, I 16B120-1.0/1500-10	3870	4257
	14	119.0	49.40	125	I 6, I 16B120-1.0/1700-14	4020	4422
130	14	128.80	49.4	125	I 6, I 16B130-1.0/1750-14	4241	4665
	18	129.09	63.5	150	I 6, I 16B130-1.0/1967-18	4462	4908
150	14	148.1	49.4	125	I 6, I 16B150-1.0/1890-14	4702	5172
	18	148.2	63.5	150	I 6, I 16B150-1.0/2010-18	4962	5458



钛材换热器



管壳式换热器



U型管换热器



SUS316L换热器



折流杆换热器



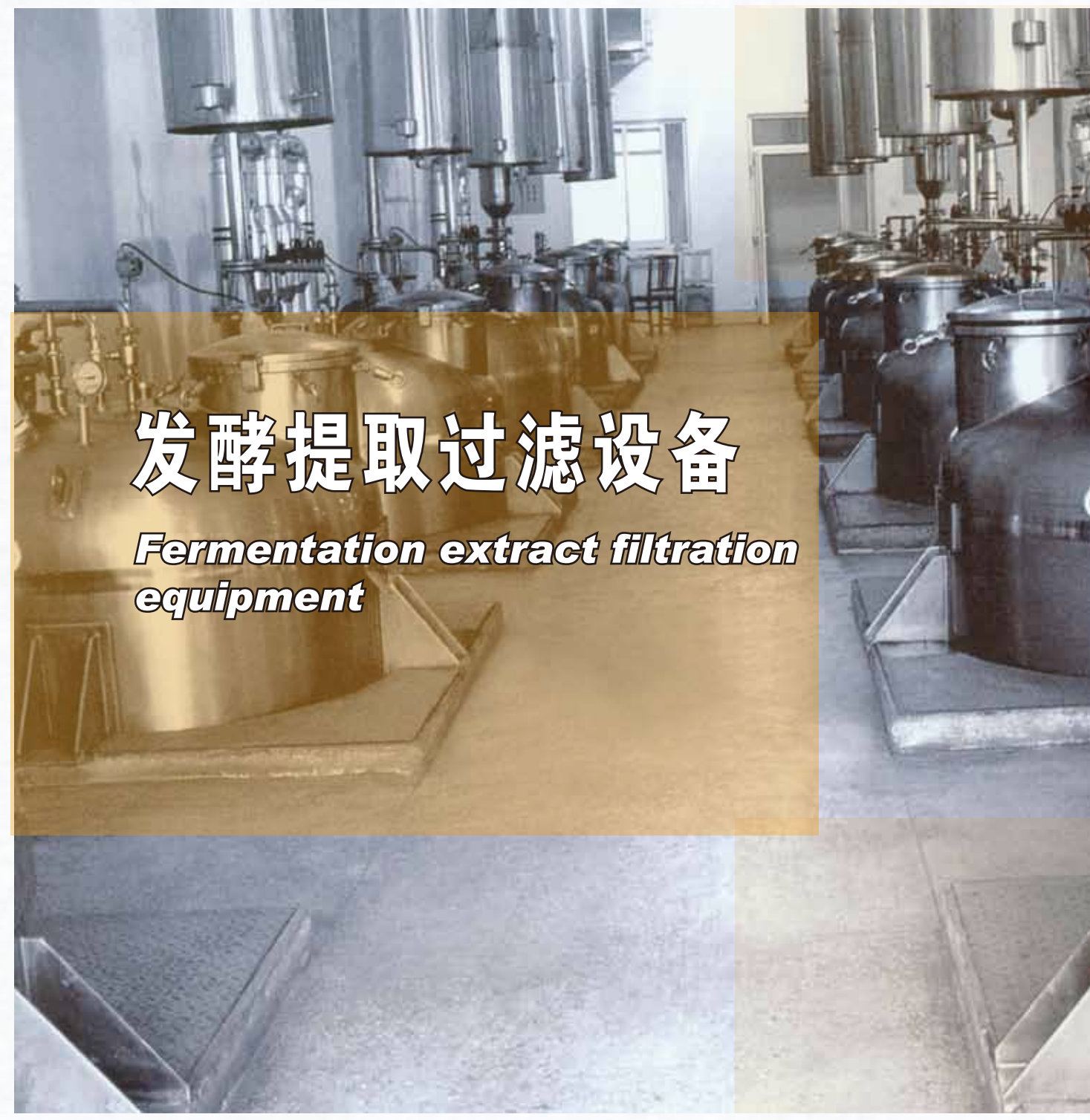
容积式换热器

产品展示 Products



主要技术参数参考表 The main technical parameters Reference Table

规格 (m ²) specification	有效长度 (mm) effective length	外径 (mm) outside diameter	重量 (kg) weight
0.5	800	159	60
1	800	159	90
1.5	1200	208	138
2	1200	220	155
3	1400	300	236
5	1200	300	260
10	1600	400	390
15	2400	400	560
20	2600	400	800
30	3200	450	1005
40	3500	500	1310
50	4000	500	1620
60	4000	500	1850
70	4000	500	2080
80	3500	600	2320
90	4000	600	2600
100	3000	700	2950



发酵提取过滤设备
Fermentation extract filtration
equipment

产品概述

我厂设计的发酵罐为标准式罐型，这种罐型当公称容积在6m³以下时罐采用夹套式。发酵气的冷却或加热，均由夹套来完成。公称容积为6m³以上时，发酵气的冷却由立式盘管来担负，在罐内盘管的连接方面我们作了改进。这主要避免在罐体上多开孔，开成死角。这种连续方式在实际使用中得到满意的效果。

Product overview

I plant design as the standard type tank fermenter type, this type when the nominal tank volume of 6m³ or less when using jacketed tank. Fermentation gas cooling or heating, by the jacket to complete. When the nominal volume of more than 6m³, fermentation gas from the vertical cooling coil to assume, in terms of the tank coil connection we have made improvements. This is mainly to avoid multiple openings in the tank, open into a corner. This continuous manner satisfactory results in practical use.



主要技术参数参考表 The main technical parameters Reference Table

公称容积 (m³) nominal capacity	筒体直径Dg(mm) cylinder diameter	筒体高度 H(mm) shell height	换热面积 (m²) heat transfer area	搅拌轴转速 (r.p.m) stirring shaft speed	搅拌轴功率 (KW) stirring shaft power
10	1800	3800	14	160-260	17-22
15	2000	4800	18	166 260	22 30
20	2200	5000	22	180-260	30-37
30	2400	6600	34	150-250	45-55
40	2600	7500	45	150-250	55-75
50	2800	8000	58	150-250	55-90
60	3000	8300	65	150-250	60-115
75	3200	8800	84	150-250	90-145
100	3600	9400	114	150-250	120-125
150	4200	10800	165	150-250	165-275
200	4600	11500	220	140-240	215-360

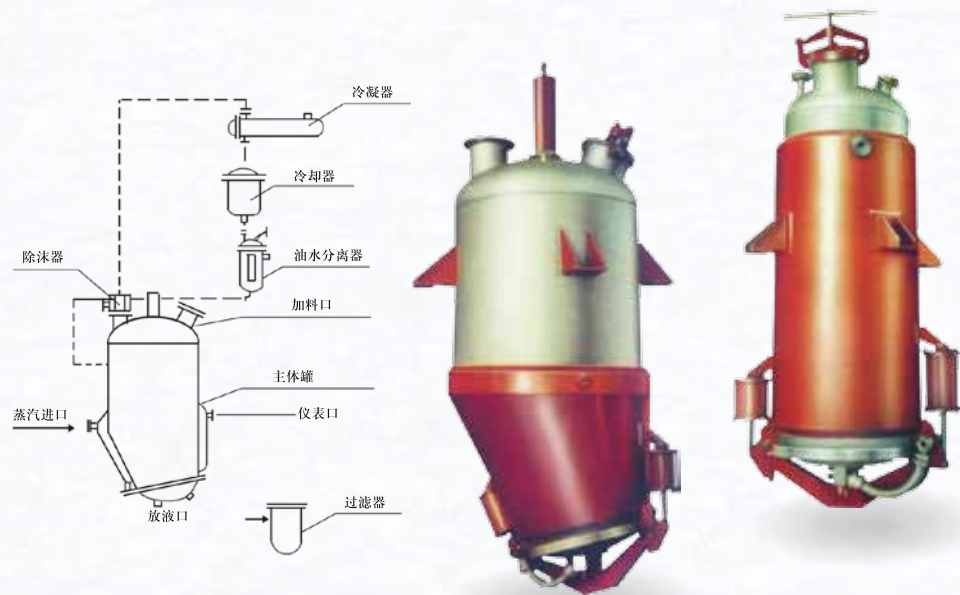
注：以上数据仅供参考，如有特殊规格，可根据用户需要设计制造。

产品概述

【TQ 系列多功能提取罐】
本设备可以用于制药、食品、化工行业的水煎、湿浸、热回流、强制循环渗透、芳香油提取及有机溶剂回收等多种工艺操作。具效率高，操作方便等优点。机组装置选材优良，广泛应用制药、食品、化工等行业溶剂的提取。

Productoverview

[TQ series of multi-function extractor]
This equipment can be used for decoction, immersion, hot reflux pharmaceutical, food, chemical industry, forced circulation penetration, aromatic oil extraction and other organic solvent recovery process operation. With high efficiency, easy operation. Unit means good material, widely used to extract the pharmaceutical, food, chemical and other industries solvents.



主要技术参数参考表 The main technical parameters Reference Table

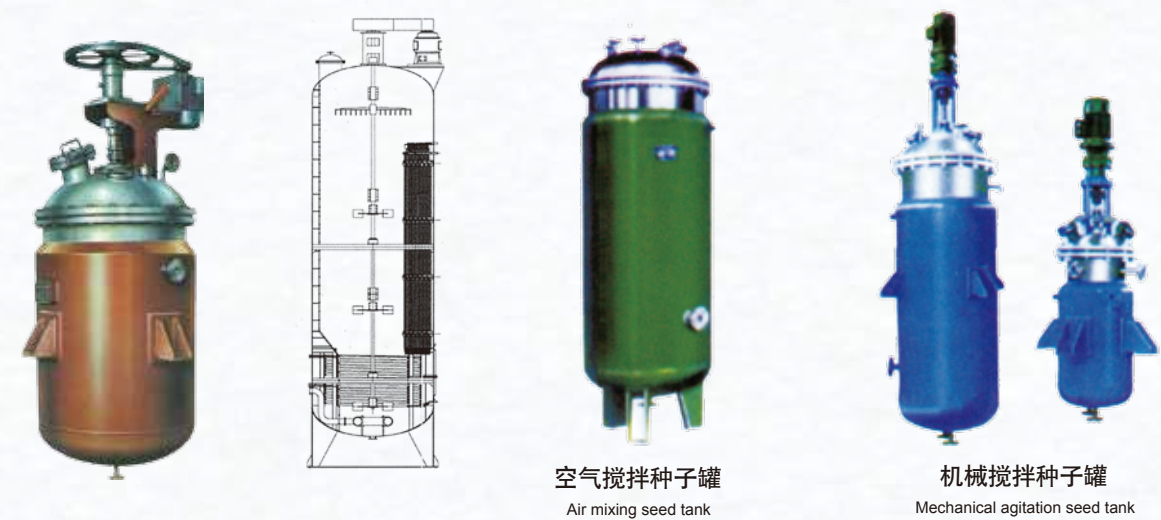
	0.5	1.0	2.0	3.0	6.0
全容积(L) full volume	500	1200	2500	1200	1200
罐内设计压力(MPa) tank design pressure	0.09				
夹套内设计压力(MPa) jacket design pressure	0.3				
罐内允许真空度(MPa) tank allows the vacuum degree	-0.095				
压缩空气压力(MPa) compressed air pressure	0.6-0.7				
投斜门直径(mm) oblique diameter cast door	300	300	400	300	300
加热面积(m²) heating area	2.4	3.1	4.2	3.1	3.0
冷凝面积(m²) condensation area	3	5	5	5	5
冷却面积(m²) cooling area	1	1	1	1	1
过滤面积(m²) filter area	0.25	0.25	0.25	0.25	0.25
设备重量(kg) weight	1000	1500	1800	1500	1500
外形尺寸(mm) dimensions	φ1400×φ2300	φ1700×φ2900	φ1800×φ3700	φ1700×φ2900	φ1700×φ2900

产品概述

我厂生产的种子罐有碳钢、不锈钢两种。主要用于生化发酵行业，如生产味精、柠檬酸、酶制剂、甘油、制药、食品等行业。规格参数见下表。注：冷却加热形式有夹套式、内盘管式，外半圆管式，供用户选用。

Productoverview

I plant the seed pots are carbon steel, stainless. Mainly used for biochemical fermentation industry, such as production of monosodium glutamate, citric acid, enzymes, glycerol, pharmaceutical, food and other industries. Specifications below. Note: The form of cooling jacketed heating, the coil, external semicircular tube, for users to choose.



主要技术参数参考表 The main technical parameters Reference Table

公称容积 (m³) nominal volume	公称直径DN (mm) nominal diameter	内筒体高度 (H) the height of the cylinder	夹套直径 (Dg) jacket diameter	搅拌轴转速 (r.p.m) shaft speed	搅拌轴功率 (KW) stirring shaft power
0.05	300	700	400	300-350	0.55
0.1	400	800	500	300-350	0.75-1.1
0.2	500	1000	600	280-340	0.75-1.5
0.3	550	1200	550	280-320	1.1-1.5
0.5	600	1650	700	200-280	1.5-2.2
0.7	700	1700	800	200-280	2.2-3
0.8	800	1600	900	200-280	2.2-5.5
1.0	800	1900	900	200-280	2.2-5.5
1.2	900	1800	1000	200-280	3-7.5
1.5	900	2200	1000	200-280	3-7.5

注：以上数据仅供参考，如有特殊规格，可根据用户需要设计制造。

产品概述

本装置可用于中药以及食品、化工等行业的水煎、温浸、热回流、芳香成分提取、有机溶剂回收及强制循环提取、罐组式逆流提取等多种工艺、工序操作。本装置也可在真空情况下操作。CD型为直筒式，A型为斜锥式，F型为动态式。

Productoverview

This device can be used in traditional Chinese medicine as well as food, chemical and other industries decoction, soaking, heat reflux extraction of aromatic ingredients, organic solvent extraction recovery and forced circulation, pot groups countercurrent extraction and other technology, processes operate. The device can also be operated under vacuum conditions. CD type is straight-type, A-type oblique cone, F-type dynamic style.



主要技术参数参考表 The main technical parameters Reference Table

项目\数据\规格 project\data\specifications	0.5m³	1.0m³	1.5m³	2m³	3m³	5m³
设备设计压力 (MPa) the equipment design pressure	-0.1-0.6					
夹套设计压力 (MPa) jacket design pressure	-0.3					
设备允许真空度 (KPa) the device allows the vacuum degree	-0.095					
投料门直径 (mm) feeding door diameter	150	200	300	300	300	400
加热面积 (m²) heating area	2	3.4	3.5	3.3	4.2	5
冷凝器面积 (m²) condenser area	3	4	4	4	5	6
冷却器面积 (m²) cooler area	1	1	1	1	1	1
设备净重 (kg) net weight	-1100	-1600	-1750	-1900	-2000	-3000
管通过滤器面积 (m²) tube through the filter area	0.24	0.24	0.24	0.24	0.24	0.24

产品概述

中药酒精沉淀罐系列是我厂为中药厂醇沉工艺新开发的专用设备，系国内首创。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浓缩进行水沉淀的操作。共分两个型号：A型为气动出渣，B型为球阀出渣。

Productoverview

Chinese alcohol precipitation tank series is I plant for the pharmaceutical and alcohol precipitation process newly developed special equipment, domestic initiative. The solution was concentrated mainly used for traditional Chinese medicine decoction freeze after ethanol precipitation or temperature operation. Can also be used to concentrate the water sediment Alcohol medicine after the operation. Consists of two models: A type of pneumatic slag, B-type for the ball slag.



主要技术参数参考表 The main technical parameters Reference Table

项目 project	JC-300	JC-500	JC-1000	JC-1500	JC-2000	JC-3000
容积 (m³) volume	0.3	0.5	1.0	1.5	2.0	3.0
换热面积 (m²) heat transfer area	1.8	3.0	4.5	6.5	7.0	9.5
工作温度 (°C) operating temperature	-15~常温	-15~常温	-15~常温	-15~常温	-15~常温	-15~常温
换热介质最高工作压力 (MPa) maximum working pressure heat transfer medium	0.25	0.25	0.25	0.25	0.25	0.25
工作压力 (MPa) working pressure	0.2	0.2	0.2	0.2	0.2	0.2
传热系数 (KJ/m².h.°C) heat transfer coefficient	150-200	150-200	150-200	150-200	150-200	150-200
搅拌功率 (KW) mixing power	0.75	0.75	1.5	2.2	2.2	2.2
搅拌转速 (r/min) stirring speed	250	250	160	160	160	140
总重量 (kg) total weight	612	1260	1480	1750	1670	2135

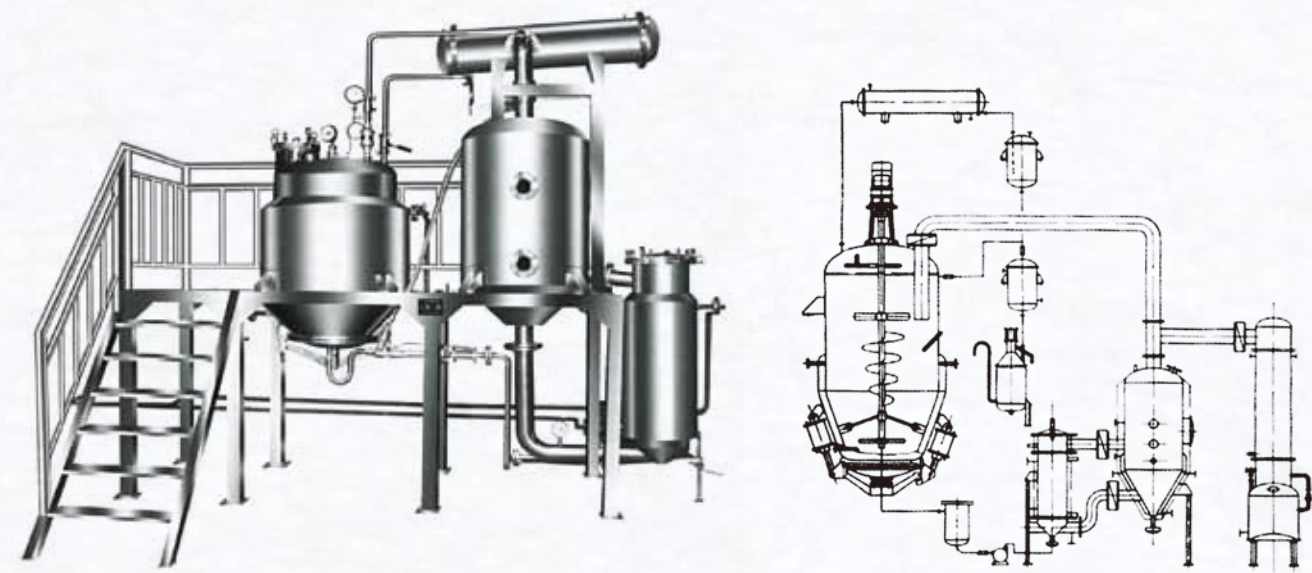
注：以上数据仅供参考，如有特殊规格，可根据用户需要设计制造。

产品概述

本机组主要由动态提取罐、蒸发浓缩器及工艺管道等组成，集动态热回流提取、真空浓缩、溶剂回收为一体，并能在密闭状态下连续而同步地进行提取与浓缩，浓缩时产生的溶剂蒸汽，经冷凝后回流到提取罐，并可用二次蒸汽对提取中物料再加热，进行热回流动态提取，适用于中药、生物、食品、轻工等行业水和有机溶剂的常温及60℃左右的低温提取，具有投资少、效率高、节能明显等优点。

Productoverview

The unit mainly by dynamic extraction tanks, concentrators and evaporation process piping and other components, set the dynamic heat reflux extraction, vacuum concentration, solvent recovery as a whole, and can be carried out continuously and synchronously with the concentrated extract in a closed state, generated when the concentrated solvent vapors, after reflux to extract cans and is available on the extraction of secondary steam reheating the material, the dynamic heat reflux extraction, suitable for room temperature medicine, biotechnology, food, light industry, water and organic solvents and 60 °C about the low-temperature extraction, with less investment, high efficiency, energy saving obvious advantages.

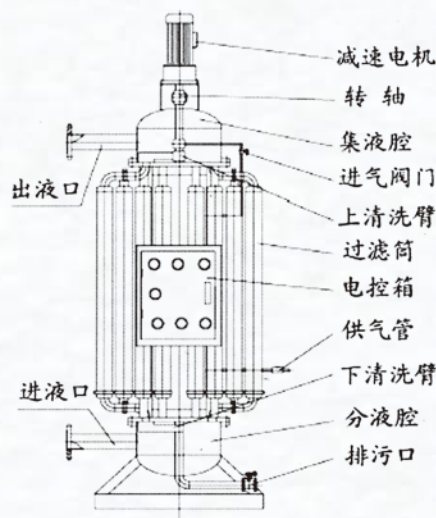


产品概述

IG型列管式过滤器可广泛用于医药、食品、化工、轻工等行业的液-固相精过滤。它可用于压滤，抽滤，压滤加抽滤。本产品的滤材可根据要求采用滤布，滤纸、金属丝网等各类滤材，拆换方便。不论水溶液或有机溶液均可采用。

Productoverview

IG-1.5, 1.0 and tube-type filter can be widely used in pharmaceutical, food, chemical industry, light industry, liquid - solid phase fine filter. It can be used for pressure filtration, filtration, pressure filtration plus filtration. This product may be using cloth filter, filter paper, and other kinds of metal mesh filter in accordance with the requirements, easy to replace them. Whether aqueous or organic solution may be used.



主要技术参数参考表 The main technical parameters Reference Table

项目 project	IG-1.5	IG-1.0
过滤面积 (m²) filter area	1.5	1.0
管间压力 (MPa) between the pressure tube	0.5	0.5
过滤管长度 (mm) filter tube length	500	500
过滤管根数 (根) filter tube root number	18	9
过滤管直径 (mm) filter tube diameter	Ø500	Ø300
过滤器高度 (mm) filter height	1600	1600
过滤器总重 (kg) the total weight of the filter	303	275



圆筒式干燥器

Cylindrical dryers

干燥、分散、混合设备

Drying, dispersing, mixing equipment

干燥分散混合设备

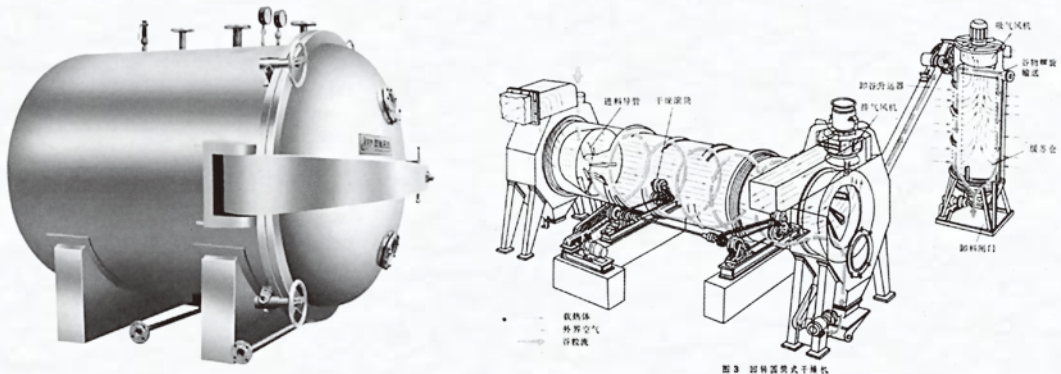
Drying dispersing mixing equipment

产品概述

YZG型是圆筒形系列管式真空干燥器，它是我厂在国内外同类产品分析研究的基础上，并在上海、江苏等地科研、设计单位的协助下，创制的新型、先进的通用性干燥设备，它以高效节能、安全可靠、结构精巧、使用方便等优点而优于国内同类干燥设备。YZG型真空干燥器可广泛用于医药、食品、轻工、化工等行业的粉状、颗粒状、丸片状、膏糊状等物料的干燥，而且还可以使用于要求溶剂回收的物料干燥。

Product overview

YZG type is a series of tubular cylindrical vacuum dryer, it is a new, advanced factory on the basis of common domestic and foreign products on the analysis, and with the help of Shanghai, Jiangsu and research and design units, created the of drying equipment, it energy efficient, safe, reliable, compact structure, ease of use and better than similar domestic drying equipment. YZG vacuum dryer can be widely used for drying powder, granular, pellet flaky, pasty materials such as medicine, food, light industry, chemical industry, but also can be used in solvent recovery requirements of the material dry.



主要技术参数参考表 The main technical parameters Reference Table

型号指标 model index	YZG-2	YZG-5	YZG-9	YZG-13
干燥器内尺寸 (直径x长度x高度) (mm) the size of the dryer (DXLXH)	Φ600x1200x1020	Φ1000x1900x1500	Φ1200x1900x1600	Φ1400x2600x2600
干燥温度 (°C) drying temperature	35-150	35-150	35-150	35-150
空载时真空度(MPa) when the degree of vacuum load	0.08-0.098	0.08-0.098	0.08-0.098	0.08-0.098
烘盘尺寸(mm) baking tray size	310X600X45	250X410x45	350X 500X45	400X600X45
烘盘数 bake plate number	4	20	36	42
容积(m³) volume	0.3	1.2	1.8	3.5
蒸汽压力(MPa) steam pressure	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3
干燥器重量(kg) dryer weight	250	800	1000	1675
加热面积(m²) heating area	2	5	9	13

产品概述

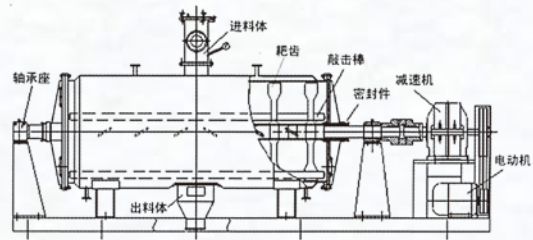
该设备结构简单，操作方便，使用周期长，性能稳定可靠，蒸汽耗量小，适用性能强，产品质量好，特别适用于不耐高温、易燃、常温下易氧化的膏状物料的干燥，该机经用户长期使用证明是一良好的干燥设备。

原理：被干燥物料从壳体上方正中间加入，在不断正反转动的耙齿的搅拌下，物料轴向来回走动，与壳体内壁接触的表面不断更新，受到蒸汽的间接加热，耙齿的均匀搅拌，粉碎棒的粉碎，使物料表面水分更有利的排出，气化的水分经除尘器、冷凝器，从真空泵出口处回收。

Productoverview

The device is simple in structure, easy operation, long life cycle, stable and reliable performance, small steam consumption, strong for performance, product quality, especially for not high temperature, dry flammable at room temperature easily oxidized paste materials, aircraft by users proved to be a good long-term use of drying equipment.

Principle: Founder middle of adding dry material from the housing, in the positive and negative stirring constantly rotating rake teeth, the material axially back and forth, in contact with the housing wall surface continuously updated by indirect steam heating, the rake teeth stir crushed crush bar, make the material more favorable surface water discharge, water vaporized by the filter, condenser, recovered from the outlet of the pump.



主要技术参数参考表 The main technical parameters Reference Table

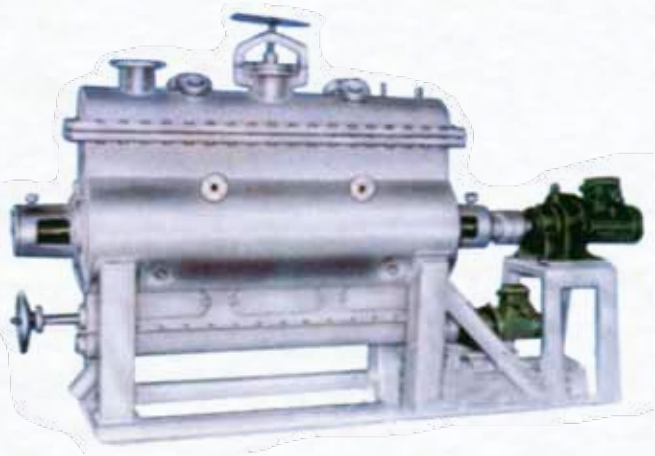
型号 model	有效容积 (L) effective volume	工作容积 (L) working volume	加热面积 (m²) heating area	耙齿转速 (rpm) speed rake teeth	传动功率 (KW) transmission power
PZG-100	100	50	1	10	1.5
PZG-200	200	100	1.5	10	1.5
PZG-500	500	250	3	10	3
PZG-1000	1000	500	5	10	7.5
PZG-2000	2000	1000	8	8	11
PZG-3000	3000	1500	10	8	15
PZG-4000	4000	2000	12	8	15
PZG-6000	6000	3000	15	8	22
PZG-8000	8000	4000	19	8	30
PZG-10000	10000	5000	22	8	37

产品概述

本干燥机适用于所有染料.染料中间体.颜料.无机及有机等各种化工产品.以及医药.农药.食品.矿业和环保性处理类产品等行业的各种粉状.颗粒状.晶体状.块状及滤饼等固体物料，以及膏稠状或液态物的常压干燥.真空干燥，包括有热敏性的物料和粘稠状物料的干燥。干燥温度范围在30度以上均可适用。根据不同的需要和条件，可采用蒸汽加热.电加热.油加热.热水加热.热风炉加热乃至锅炉烟道废气加热等，适应性特广。

Productoverview

The drying machine is suitable for all dyes. Dye intermediates. Pigments. Inorganic and organic and other chemical products., And medicine. Pesticides. Foods. Mining and environmental protection products and other industries handling all kinds of powder. Granular. Crystals normal pressure, and the filter cake and other solid bulk material, and a thick paste-like or liquid material drying vacuum drying, including drying heat-sensitive materials and viscous materials. The drying temperature is in the range of 30 degrees can be applied. Depending on the needs and conditions, can be steam heated. Electric heating Oil heating hot water heating. Stove heating boiler flue gas and even heating, especially wide adaptability.



主要技术参数参考表 The main technical parameters Reference Table

项目 project	ZJG-5	ZJG-10	ZJG-15	ZJG-20	ZJG-30
加热面积 (m²) heating area	5	10	15	20	30
操作容积 (m³) operating capacity	0.3	0.78	1.2	1.7	2.7
适用温度(°C) temperature	40~150				
最高工作压力(MPa) maximum working pressure	≤0.5				
电机功率(KW) motor power	4	10	11	15	18
转速(r/min) speed	5-20		5-20		
外形尺寸 长X宽X高(mm) dimensions	3673X640X1770	4180X920X2350	4600X1120X2500	5500X1120X2500	5500X1320X2700
重量(kg) weight	1800	4200	5100	7800	11000

产品概述

刮板式薄膜蒸发器是利用高速旋转将液体分布成均匀薄膜而进行蒸发或蒸馏的一种高效蒸发、蒸馏设备，也可进行脱臭、脱泡反应及加热、冷却等单元操作，可广泛适用于中、西制药、食品、轻工、石油、化工、环保等行业。

- 性能与特点：
- 1、传热系数值高、蒸发能力大，蒸发强度可达到200kg/m²/h，热效率高。
 - 2、物料加热时间短，约5秒至10秒之间，且在真空条件下工作，对热敏性物料更为有利，保持各种成份不产生任何分解，保证产品质量。
 - 3、适应粘度变化范围广，高低粘度物料均可以处理，物料粘度可高达10万CP。
 - 4、改变刮板沟槽旋转方向，可以调节物料在蒸发器的蒸发时间。
 - 5、蒸发段筒体内壁经过精密镗削并抛光处理，表面不易产生结焦、结垢。

Productoverview

Wiped film evaporator is the use of high-speed rotation into a uniform distribution of the liquid film evaporation or distillation carried out an efficient evaporation, distillation equipment, but also for deodorization, defoaming reaction and heating and cooling unit operation can be widely applied in Western pharmaceutical, food, light industry, petroleum, chemical industry, environmental protection and other industries.

Performance and features:

- 1, the heat transfer coefficient is high, large evaporation capacity, evaporation intensity can reach 200kg / m² / h, high thermal efficiency.
- 2, material heating time is short, between about 5-10 seconds, and work under vacuum conditions, more favorable for heat-sensitive materials, maintaining a variety of ingredients does not produce any decomposition, to ensure product quality.
- 3, to adapt to a wide range of viscosity, low viscosity materials can handle the material viscosity up to 100,000 CP.
- 4, changing the direction of rotation of the blade grooves, you can adjust the material evaporation time in the evaporator.
- 5, the cylinder wall evaporator through precision boring and polished surface is not easy to produce coke, scaling.



主要技术参数参考表 The main technical parameters Reference Table

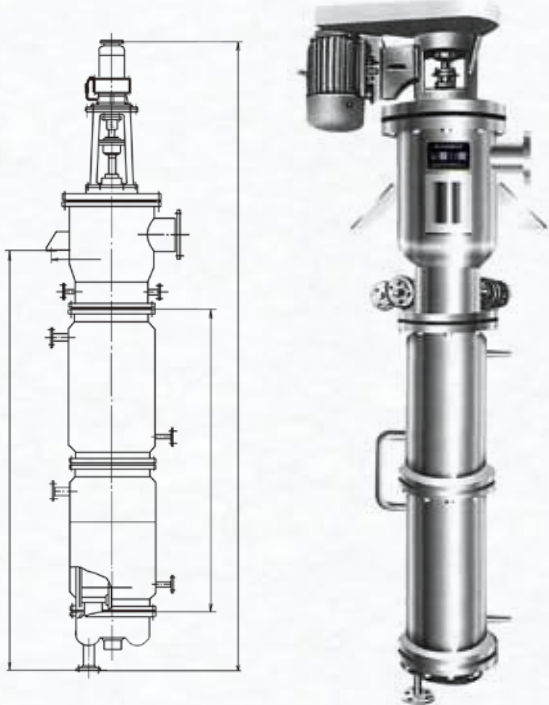
项目型号 project model	LG0.8	LG1.5	LG2.5	LG4	LG6	LG20
换热面积 (m²) heat transfer area	0.8	1.5	2.5	4	6	20
蒸汽压力 (MPa) steam pressure	0.3	0.3	0.3	0.3	0.3	0.3
真空度 (KP) vacuum degree	70	70	70	70	70	70
蒸发量 (kg/n) evaporation	160	300	500	800	1200	2000
能耗 (kg/n) energy	168	315	525	840	1260	2100
电机功率 (KW) motor power	1.1	1.5	2.2	4	5.5	11
转速 (rpm) speed	300	300	280	134	134	88
设备高度 (mm) device height	2500	3295	4100	5180	5800	7800

产品概述 Productoverview

离心式刮板薄膜蒸发器采用国外先进技术，在国内刮板式薄膜蒸发器领域内具有国际水平的领先地位。本设备曾作为“刮板式真空炼密机组”的主机，并荣获国家医药管理局科技进步三等奖。

性能与特点 Performance and Features

- 本设备采用离心式滑动沟槽转子，是目前国外最新结构蒸发器，在流量很小的情况下也能形成薄膜，在筒体蒸发段内壁表面附着处理液中的淤积物可被活动刮板迅速移去，和固定间隙的刮板蒸发器相比，蒸发量可提高40%-69%，它具有下列性能与特点：
- 1、传热系数值高，蒸发能力大，蒸发强度可达到200kg/m²·hr，热效率高。
 - 2、物料加热时间短，约5秒至10秒之间，且在真空条件下工作，对热敏性物料更为有利，保持各种成份不产生任何分解，保证产品质量。
 - 3、适应粘度变化范围广，高低粘度物均可以处理，物料粘度可高达10万厘泊（CP）
 - 4、改变刮板沟槽旋转方向，可以调节物料在蒸发器的打理时间。
 - 5、蒸发段筒体内壁经过精密镗削并抛光处理，表面不易产生结焦、结垢。
 - 6、操作方便，产品指标调节容易，在密闭条件下，可以自控进行连续性生产。
 - 7、设备占地面积小，结构简单，维修方便，清洗容易。



应用行业及操作单元示例 Application examples of industries and operating unit

行业	典型物料	行业	典型物料	行业	典型物料
医药	维生素类VE、VC	无机	三氯化钛	有机	高浓度甲醛
	中草药类、茶多酚、银杏液		氧化锰		随对苯二甲酸盐
	抗生素类		烧碱溶液		三羟甲基丙烷
	制药溶液		碳酸钾		有机酸
	医药中间体类		溴化钾、溴化钠		聚酯多元醇
	单随胺		硫酸铝		橡胶防老剂
轻工日化	咪唑、三唑啉		偏硅酸钠	环保	聚丙烯酰胺、聚丙烯酸钠
	天然色素、番茄色素	农药	硝酸钾		染料中间体
	乳酸、L-乳酸		高锰酸钾		三甲基氢醌
	卵磷脂、磷脂		硫化碱		环氧树脂
	香精、香料		钨酸、钼酸盐类		双酚A
	蜂蜜		吊白块、保险粉		碳酸甲酯、乙酯
	甘油		咪唑酚		羟基乙酸
	饲料添加剂		除虫菊酯系列		硫酸钠废水
	淀粉糖		乙草胺、丙草胺、扑草胺		氯化钠废水
	酶制剂		甲胺磷		氯化铵废水
	烷基多糖苷	石化	四氢呋喃		硫酸铵废水
	醇醚硫酸盐		除草剂类	油脂	涂料脱TDI、VOC
	山梨酸钾		沥青脱氢组份		月桂二酸、脂肪酸二元酸
	右旋泛酸钙		PTA回收、己内酰胺脱溶		油酸酐、油酸、亚油酸
	木糖醇多脂		苯乙烯回收		二聚酸、脂肪酸单甘油酯脂肪酸甲酯

产品概述

转鼓结晶机是一个冷却结晶过程，料盘中熔融料与冷却的转鼓接触，在转鼓表面形成料膜，通过料膜与鼓壁间的换热，使料膜冷却、结晶，结晶的料膜被刮刀刮下，成为片状产品。

转鼓干燥是通过转动的转鼓，以传热的方式，将附在转鼓外壁的物料或带状物料进行加热干燥的一种连续操作的过程。

Product overview

Drum Flaker is a cooling crystallization process, the molten material intraday material in contact with the cooling of the drum, the drum surface material film formed through the wall of the drum membrane material heat, so that the material of film cooling, crystallization, crystallization the membrane material is scraped scraper, a sheet product.

Drum drying is done by turning the drum to heat the way the material will be attached to the outer wall of the drum or belt material for a continuous operation of heating and drying process.

性能与特点 Performance and Features

- 性能达到国际水平
Performance reached the international level
- 设有侧刮刀，避免转鼓侧端积料
With a side scraper, avoiding the drum side end product material
- 设备结构紧凑，占地面积小
Compact structure, small footprint
- 半管夹套式料盘，安全可靠
Half-pipe jacketed trays, safe and reliable
- 雾化冷却，冷却效果好
Atomized cooling, cooling effect
- 无级变速，转鼓转速可调
CVT, speed adjustable drum
- 转鼓精度高
High precision drum
- 适应范围广，操作简便、灵活
Adapt to a wide range of simple, flexible
- 采用多组刮刀，调节灵活
Using multiple sets of blade, flexible adjustment
- 多功能，既可结片又可干燥
Versatile, can be dried either sheeting



主要技术参数参考表 The main technical parameters Reference Table

规格 specification	转鼓规格 (mm) drum specifications	电机功率 (KW) motor power	热轴转速 (r/min) heat shaft speed	参考尺寸 (mm) reference dimensions		
				L	W	H
DZ-1	600×600	2.2-3	0.3-15	2400	1480	1410
DZ-2	800×1200	3-5.5	0.3-15	3360	2000	1600
DZ-4.5	1200×1200	5.5-7.5	0.3-15	3730	2250	2050
DZ-7.5	1400×1800	5.5-11	0.3-15	4460	2460	2350
DZ-9	1600×1800	7.5-15	0.3-15	4460	2600	2550
DZ-22	2300×3000	11-18.5	0.3-15	7200	3900	2350

产品概述

本薄膜蒸发器机组由蒸发器、汽液分离器、预热器三个部件和一只简易分离器组成，蒸发器为升膜式列管换热器。该蒸发器具有生产能力大、效率高、物料受热时间短等特点，适用于制药、食品、化工等行业的稀溶液浓缩，本设备与物料接触部分均采用不锈钢制造，具有良好的耐腐蚀性能，经久耐用，符合药品卫生要求。

Product overview

The film evaporator unit from the evaporator, the vapor-liquid separator, preheater three parts and a simple separator composed of rising film evaporator tube heat exchanger. The evaporator has a large capacity, high efficiency, material heating time is short and so is suitable for pharmaceutical, food, chemical and other industries dilute solution is concentrated, the equipment and material contact parts are made of stainless steel with good corrosion resistance, durable, meet the health requirements of drugs.



主要技术参数参考表 The main technical parameters Reference Table

	2.2m ²	5.5m ²	8m ²	12m ²	16m ²	20m ²	30m ²	40m ²	60m ²
蒸发面积 (m ²) evaporation area	2.2	5.5	8	12	2.2	20	30	40	60
预热面积 (m ²) preheat area	1	2.17	4	6	1	10	15	20	30
蒸汽工作压力 (MPa) steam pressure	2.4	0.4	0.4	2.4	0.4	0.4	0.4	0.4	0.4
可用真空度(KPa) available vacuum degree	60	60	60	60	60	60	60	60	60
蒸发量(L) evaporation	140	350	550	850	140	1500	2100	2800	4200
能耗(kg/h) energy	155	385	605	935	155	1650	2310	3080	4620
设备质量(kg) equipment quality	300	520	750	1020	300	2300	2950	4500	5700
外形尺寸 长×宽×高(mm) dimensions l × w × h	2000 X850 X3500	2300 ×800 ×3500	2700 ×950 ×4500	2000 ×850 ×3500	2900 ×950 ×5200	2800 ×1400 ×5300	3800 ×1800 ×6050	1200 ×1800 ×5050	5000 ×2000 ×5700



蒸馏浓缩设备

Distillation enrichment equipment

真空减压浓缩罐

Vacuum decompression cans condensed

蒸馏浓缩设备

Distillation enrichment equipment

产品概述

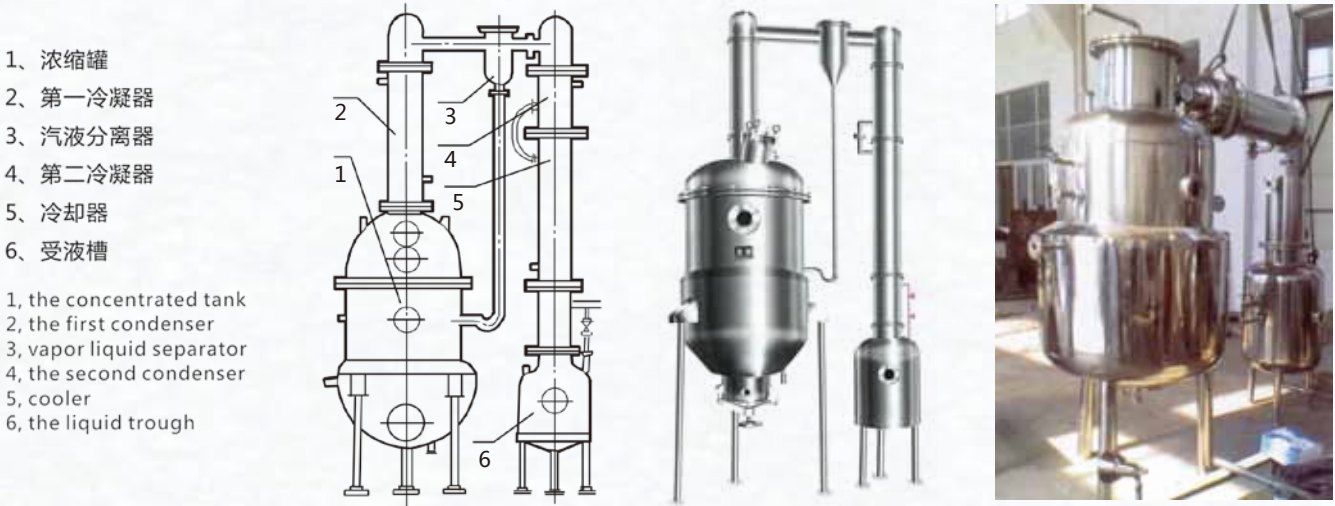
主要适用于制药、食品、化工等物料的浓缩和溶剂的回收。

本设备主要包括浓缩罐、第一冷凝器、汽液分离器、第二冷凝器、冷却器、受液桶六个部件组成，全部由不锈钢制造。浓缩罐为夹套结构，冷凝器为列管式，冷却器为盘管式。

Productoverview

Mainly suitable for recycling pharmaceutical, food, chemical and other materials concentrate and solvent.

The concentration tank equipment including a first condenser, a vapor-liquid separator, a second condenser, a cooler, a liquid barrel of six components, all made from stainless steel. Concentrated cans jacket structure, the column tube condenser, cooler for the coil type.



应用行业及操作单元示例

Application examples of industries and operating unit

	50	100	200	300	500	700
蒸汽压力 (MPa) steam pressure	≤0.15	≤0.15	≤0.15	≤0.15	≤0.15	≤0.15
真空度 (Pa) vacuum degree	≤700	≤700	≤640	≤640	≤600	≤600
加热面积 (m²) heating area	0.4	0.59	0.8	1.1	1.45	1.8
冷凝面积 (m²) condensation area	1.2	1.7	2.45	3.0	3.2	3.6
冷却面积 (m²) cooling area	0.25	0.35	0.4	0.6	0.7	0.85
受热槽容积 (L) heated tank volume	15	45	60	76	100	125
设备净重 (kg) net weight	350	450	550	650	800	1000
外形尺寸 长×宽×高 (mm) Dimensions L×W×H	1200× 600×2200	1350× 750×2200	1700× 800×2700	1700× 1000×3400	2100× 1200×3400	2400× 1300×3400

ZN-C型新型浓缩罐
ZN-C new type of concentrating tank

产品概述

- 1、ZN-C型是长筒体浓缩罐；
- 2、为克服浓缩罐顶二次蒸汽在未进入冷凝器前被冷凝而返回罐内的缺点。本设备将冷凝器改为斜卧式；
- 3、为提高设备的生产能力，本设备将浓缩罐夹套的加热面积，冷却器的面积均有不同程度加大；
- 4、在浓缩罐下部设置了快开式手孔，以便清理罐内残液，残渣；
- 5、ZN-C型是将加热夹套分两段或三段，当液面低时关闭上段加热防止干壁。其底改为锥底便于排净浓缩液。

Productoverview

- 1, ZN-C type is a long cylinder concentrate tank;
- 2, the top of the tank to overcome the concentration of secondary steam is condensed in the condenser before not returned into the tank disadvantages. This equipment will be replaced by oblique horizontal condenser;
- 3, to improve the production capacity of the device, the device will be concentrated area of the tank is heated jacket, cooler area had increased to varying degrees;
- 4, in the lower concentration can set up quick open hand hole, in order to clean the tank residue, residue;
- 5, ZN-C type is the heating jacket of two or three paragraphs, closed when the upper level low heat to prevent the dry wall. To facilitate its bottom cone bottom drain concentrate.



主要技术参数参考表 The main technical parameters Reference Table

项目 project	ZN-C-200	ZN-C-300	ZN-C-500	ZN-C-700	ZN-C-1000
蒸发缸容积 (L) evaporation cylinder volume	250	400	670	890	1220
受液缸容积 (L) by hydraulic cylinder volume	150	240	350	500	760
蒸发量 (Kg/h) evaporation	70	90	115	140	180
蒸汽压力 (MPa) steam pressure	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
真空度 (Kg) vacuum degree	< 60	< 60	< 60	< 60	< 60
加热面积 (m²) heating area	1	1.4	2	2.3	3
冷凝面积 (m²) condensation area	2.5	4	5	7	8
设备重量 (Kg) weight	630	950	1350	1700	2200
设备高度 (mm) device height	2600	2650	3100	3270	3550
设备占地 长x宽 (mm) equipment covering L x W	1900x620	2140x850	2300x1000	2500x1000	2750x1150

WZ I 型外加热式真空蒸发器
WZ I type external heating vacuum evaporator

产品概述

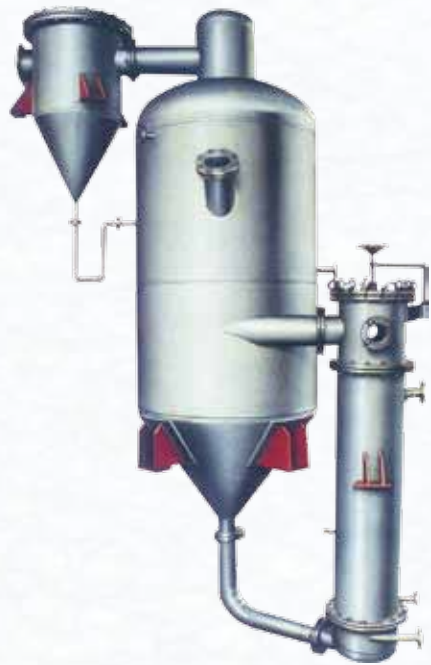
WZ I 型外循环式真空蒸发器，是一种在真空系统下操作的自然循环型蒸发器。

WZ I 型有一效、二效、三效系列规格，另有Q型为强制外循环蒸发器。本品可广泛用于医药、食品、化工、轻工等行业的水或有机溶剂的蒸发浓缩。特别适用于热敏性物料，（例如中药生产的水、醇提取液、抗生素发酵液、牛奶、果汁等），在真空条件下进行低温连续浓缩，可确保产品质量。

Productoverview

Type WZI outside circulation vacuum evaporator, is operating under a vacuum system of natural circulation type evaporator.

WZI type one, two, three series of specifications, otherwise Q type for forced circulation evaporator. This product can be widely used in medicine, food, chemical industry, light industry sectors such as water or organic solvent evaporation concentration of solution. Especially suitable for heat-sensitive materials, (such as water, alcohol extract of production of traditional Chinese medicine, antibiotics fermentation liquor, milk, fruit juice, etc.), low temperature continuous enrichment under vacuum condition, to ensure product quality.



主要技术参数参考表 The main technical parameters Reference Table

项目 project	WZI-2000	WZI-1500	WZI-1000	WZI-750	WZI-500	WZI-250
蒸发量 (kgH ₂ O/h) evaporation	2000-2200	1500-1700	1000-1200	750-800	500-600	250-300
罐内真空度 (MPa) degree of vacuum tank	0.9	0.9	0.9	0.9	0.9	0.9
加热面积 (m²) heating area	22	17.6	11	8	5.4	3.0
蒸汽压力 (MPa) steam pressure	0.05-0.2	0.05-0.2	0.05-0.2	0.05-0.2	0.05-0.2	0.05-0.2
耗汽量 (kg/h) steam consumption	2000-2200	1500-1700	1100-1200	700-800	550-600	300-350
冷却水压力 (MPa) cooling water pressure	0.25-0.3	0.25-0.3	0.25-0.3	0.25-0.3	0.25-0.3	0.25-0.3
加热器直径 (mm) heater diameter	Φ600	Φ500	Φ400	Φ400	Φ300	Φ200
蒸发罐直径 (mm) evaporation tank diameter	Φ1400	Φ1200	Φ1000	Φ950	Φ800	Φ500
捕液器直径 (mm) catch liquid diameter	Φ650	Φ550	Φ500	Φ400	Φ400	Φ300
加热器直径 (mm) heater diameter	980	685	505	400	300	188
蒸发罐直径 (mm) evaporation tank diameter	1100	840	580	450	320	175
捕液器直径 (mm) catch liquid diameter	/	116	106	85	85	63
冷凝器直径 (mm) diameter condenser	/	/	/	Φ550	Φ400	Φ300
冷凝器直径 (mm) diameter condenser	/	/	/	1120	885	450

WZ III型外加热式真空蒸发器

WZ III type external heating vacuum evaporator

产品概述

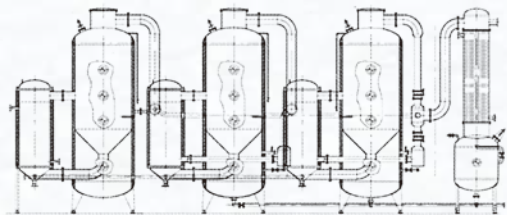
本浓缩器适用于中药、西药、葡萄糖、淀粉、味精、乳品、化工等溶液的浓缩，尤其适用于热敏物料的低温真空浓缩。用户可根据实际情况，来选用技术参数中系列浓缩器。

- 1.本浓缩器采用外加热式与负压蒸发方式，具有蒸发速度快，浓缩比重大，可达1.2-1.3；
- 2.本浓缩器采用三效同时蒸发，二次蒸汽得到反复作用，既节省了锅炉的投资，又节约能源消耗，耗能与单效浓缩器相比降低70%，不到一年用户可从节约能耗中收回本浓缩器的全部投资。
- 3.多功能操作特点：（1）可以回收酒精浓度80%左右。（2）一效、二效、三效可以反复收集。（3）可以间歇连续进料。

Productoverview

The concentrate is suitable for concentrated Chinese medicine, Western medicine, glucose, starch, monosodium glutamate, dairy, chemical solution, especially for low-temperature vacuum heat-sensitive materials concentrated. Users can according to the actual situation, the selection of technical parameters of intraoperative series concentrator.

- 1. The concentrator uses external heating with natural circulation type vacuum evaporation, with evaporation speed, concentration than the major, up to 1.2-1.3;
- 2. The concentrator uses three effect evaporator same time, the role of secondary steam to get repeated, saving investment boiler, but also save energy consumption, energy efficiency concentrator with a single 70% reduction compared to less than a year from the user energy conservation fee to recover the full investment of the concentrator.
- 3. Multi-function operating characteristics:
 - (1) can be recovered alcohol concentration of about 80%.
 - (2) an effect, the second effect, and can be repeated three-way pot cream collection.
 - (3) continuously fed intermittently.



主要技术参数参考表 The main technical parameters Reference Table

型号 model	WZIII500	WZIII1000	WZIII1500	WZIII2000	WZIII3000	WZIII5000
蒸发量(kg/h清水) evaporation	500	1000	1500	2000	3000	5000
耗汽量(kg/h) steam consumption	<200	<400	<600	<800	<1200	<2000
外形尺寸 长×宽×高(m) dimensions l × w × h	3×5×1.3	3.3×6.5×1.5	3.5×7×1.7	4×7.5×2	4.3×7.8×2	4.5×8×2
循环耗水量(T/h) circulating water consumption	5	10	13	15	18	25
蒸发温度(°C) evaporation temperature	一效 an effect	80-90	真空度(MPa)	一效 an effect	0.02-0.04	
	二效 second effect	55-70		二效 second effect	0.05-0.08	
	三效 three effect	55-65		三效 three effect	0.08-0.09	
蒸汽压力(MPa) steam pressure	一效0.2		浓缩比重 the proportion of concentrated		1.2-1.3	

精馏回收塔

Distillation recovery column

产品概述

我厂生产的精馏回收塔用于二甲基甲酰胺(DMF)，二甲基乙酰胺(DMAC),甲苯等溶剂的回收。该设备可以根据用户物料处理量的不同，可分别采用连续式或间歇式蒸馏工艺，回收的成品浓度高、质量稳定、残留量低。本装置还具有能耗低、产能稳定的特点。

我厂可以根据物料成分的不同，设计有针对性的生产装置，并负责指导设备的安装和现场调试。

Productoverview

I plant the production of DMF recovery distillation tower for the recovery of dimethylformamide (DMF), dimethylacetamide (DMAC), toluene and other solvents. The device can be based on the amount of material handling different users, respectively, using continuous or batch distillation process, a high concentration of recycled finished, stable quality, low residual volume. The device also has low energy consumption, capacity and stability characteristics.

I can plant depending on the material composition, design targeted production unit and is responsible for the installation and site commissioning guidance equipment.





■ 产品概述

本装置适用于制药、食品、轻工、化工等行业的酒精回收，也适用于甲醇等其他溶剂的蒸馏。本装置根据用户的需要，可将30度左右的稀酒精蒸馏至90 - 95度的酒精，成品酒精度数要求高，可以加大回流比，但产量就相应减少。本装置采用高效的金属不锈钢填料。蒸馏塔采用不锈钢制，从而防止了铁屑堵塔填料的现象，延长了装置的使用期限。蒸馏釜采用可拆U型加热管，在检修时可将U型加热管拉出釜外，便于对加热管外壁及蒸馏釜壁进行清洗。本装置可间歇生产，也可半连续、连续生产。

■ Product overview

This device is suitable for pharmaceutical, food, light industry, chemical industry, alcohol recovery, also applies to other solvents such as methanol distillation. The device according to the user's needs, you can dilute alcohol distillation of about 30 degrees to 90-95 degrees alcohol, refined require high degree of alcohol can increase the reflux ratio, but production will be reduced accordingly. The device uses an efficient stainless steel filler metal. Using a distillation column made of stainless steel, thereby preventing the iron tower packing block, extending the life of the device. Stills with removable U-shaped heat pipe, in the maintenance of the U-shaped heat pipe can be pulled outside the kettle, heating pipe wall and facilitate the distillation kettle wall cleaning. This device can be intermittent production, can also be semi-continuous and continuous production.



■ 主要技术参数参考表 The main technical parameters Reference Table

名称 / 规格 name / size	Jh200	Jh300	Jh400	Jh500	Jh600	Jh800
塔容积 (L) tower volume	640	1220	1450	2300	2500	3200
塔身高度 (mm) tower height	6000	7000	7000	7500	8000	10000
高位罐容积 (L) high tank volume	300	400	650	800	1000	1500
冷凝面积 (m ²) condensation area	5	9	11	22	25	40
冷却面积 (m ²) cooling area	1	1.5	2.2	6	8	15
换热面积(m ²) heat transfer area	4	6	12	18	25	32
加收能力 (kg/h) additional capacity	45-50	90-100	150-160	280-300	420-440	600-620
回收浓度(%) recycling concentration	90-95					
填料形式 fill in the form	不锈钢波纹填料 Stainless steel corrugated packing					
设备重量 (Kg) weight	1100	1900	2300	3800	4500	7800
外形尺寸 (m) dimensions	2.3×0.7×8	2.6×0.8×9	2.8×1×9	3×1.2×9	3.5×1.4×10	4.2×1.8×14



LEITE HEAVY INDUSTRY

一、二、三类压力容器制造资质

真空均质乳化设备

Vacuum emulsification equipment

其它设备
Other equipment

产品展示 Products



产品概述

EV、CM型系列乳化锅是我厂制造的新型真空乳化装置，该装置吸收了国内外同类产品的优点，结构新颖，乳化效果好，能耗小，使用可靠，锅内外抛光处理，美观大方。

Product overview

EV, CM Series emulsifying pot is my new vacuum emulsification equipment manufacturing plant, the device absorbs the advantages of similar products at home and abroad, novel structure, good emulsifying effect, low energy consumption, reliable, pot outside polished, elegant appearance.

产品特点

该种型号乳化锅是在引进设备的基础上改进的，是目前国内生产中高档乳剂，膏霜类产品必备设备，设计合理、工艺先进，物料均质后细腻均匀、光亮度特别好。

Features

The models are based on the introduction of emulsifying pot on the improvement of equipment, is the current domestic production of high-grade emulsion, cream products necessary equipment, reasonable design, advanced technology, exquisite evenly homogeneous materials, particularly good brightness.

其它设备

Other equipment

■ 产品概述

工业纯铝板制汽车运输槽车、卧式、立式贮罐、高位槽。(主要用于贮运 浓硝酸、冰醋酸等腐蚀液体)不锈钢、碳钢制各种汽车运输槽车，卧式、立式贮槽，高位槽计量槽。特殊规格可按用户需求设计、制造。

■ Product overview

Industrial pure aluminum made cars transport tankers, horizontal, vertical tank, high slot. (Mainly for the storage of concentrated nitric acid, acetic acid and other corrosive liquids) stainless steel, carbon steel variety of automotive transport tankers, horizontal, vertical storage tanks, high slot metering tank. Special specifications according to user demand for design and manufacturing.



L2铝制运输槽车(0.5-50m³)
L2 aluminum transport tankers (0.5-50m³)



卧式储罐 (0.5 - 100m³)
Horizontal storage tank (0.5-100m³)



■ 产品展示 Products



■ 产品概述

分气包是锅炉有机载体相配部分,主要用于蒸汽分道疏通作用。规格从内径159-1500mm,长度根据客户要求选定。

分气缸是锅炉的主要配套设备,用于把锅炉运行时所产生的蒸汽分配到各路管道中去,分气缸系承压设备,属压力容器。分气缸的主要功能是分配蒸汽,因此分气缸上有多个阀座连接锅炉主汽阀及配汽阀门,以便将分气缸中蒸汽分至各需要之处。分气缸主要受压元件为:配汽阀座、主汽阀座、安全门阀座、疏水阀座、压力表座、温度表座。

■ Product overview

Of organic carrier gas boiler package is matched parts, mainly for steam lane clear effect. Specifications from the inner diameter of 159-1500mm, length is selected according to customer requirements.

Of the cylinder is the main equipment of the boiler, steam boiler used to assign the generated runtime pipeline to go separate ways, the Department of cylinder pressure equipment, is a pressure vessel. The main function of the steam cylinder is assigned, so there are multiple connections main steam valve seat and the valve of the cylinder with steam so that the needs of the points at each cylinder steam points to. The main points of the cylinder pressure components as follows: with the steam valve, main steam valve, safety valve door, trap blocks, gauge blocks, thermometers seat.

■ 产品展示 Products



■ 产品展示 Products





产品运输

PRODUCTION
TRANSPORTATION



雷特企业
客至上 诚信服务

