



**广州艾鲁思机械设备有限公司
扬州市弗鲁克化工机械厂**

GUANGZHOU AILUSI MACHINERY CO., LTD.
YANGZHOU FULUKE CHEMICAL MACHINERY FACTORY

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**化妆品 制药 食品
成套设备解决方案提供商**

**GUANGZHOU
AILUSI MACHINERY**

Cosmetics, pharmaceutical, food complete
equipment solution provider



OVERALL ENGINEERING SOLUTION

整体工程解决方案

公司为客户提供包含与客户沟通(实地考察)、量身设计、工艺确认、合同签订、生产制造、工厂验收、熏蒸包装、装货和运输、安装调试、记录保存的一站式解决方案。

The company provides customers with communication (site inspection), tailor-made design, process validation, contract signing, manufacturing, factory acceptance, One-stop solution for fumigation packaging, loading and shipping, installation and commissioning, and record keeping.



“用户至上是我们的企业宗旨。
我们希望，我们的用户对我们提供的
设备和服务同样满意。”

Customer first is our
business purpose, we hope that users are
satisfied with the equipment and services
we provide.





公司简介 COMPANY PROFILE

艾鲁思机械是一家专门从事化工机械设备研发，生产，销售并提供完善售后服务的新型企业，设备主要应用于化妆品，食品，制药等行业，凭借先进的生产设备，完善的工艺流程，雄厚的技术力量，严格的品质管控，提供品质精良、客户放心的产品给到广大客户。

公司本着“质量第一，服务至上”的经营理念，始终坚持“诚信为本”的原则，以可靠的质量，合理的价格，良好的口碑和贴心的服务赢得了国内外化工、制药知名厂家的高度赞誉和信任。

艾鲁思将时刻秉承传统，坚持努力与创新，继续与广大客户携手共创美好的未来。

Ailusi Machinery is a professional enterprise which work on chemical machinery research, manufacturing, selling and offer excellent after-sale service. They mainly apply to Cosmetic, Food, Pharmaceutical industry etc., we could provide superior quality and customer trusted products to clients are based on advanced production equipment, perfect technical process, strong technology and strict quality control.

By adhering to the business philosophy of 'quality first and service foremost', always insist to honesty is basic principle, our company has won high praise and trust from domestic and overboard chemical and pharmaceutical plants with our reliable products quality, reasonable price, good reputation and considerate service.

Ailusi company will always upholding the good traditional, adhering to the efforts and innovation, and we would like to continue to join hand in hand with customer to make a bright future together.



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多年来，公司秉承“诚信、品质、服务”的经营理念，严格执行ISO9001国际质量管理体系的管理制度。坚持以质量为企业的生命，坚持变革创新确保企业永远充满活力，给未来发展创造更多机会，也得到社会各界认可。

Over the years, Company have been adhering to the business philosophy of "sincerity, quality and service" and strictly implementing the ISO9001 international quality management system. We regard quality as the life of our enterprise, insist on the tenet that reform and innovation guarantee our enterprise to be permanently vigorous, create more opportunities for future development and receive wide recognition from people of all circles.



信心源于实力
实力铸就完善
Confidence comes from strength
and strength creates perfection

生产装备 PRODUCTION EQUIPMENT



艾鲁思坚信优质的产品除了有优质的管理、优秀的员工，更须拥有先进、精良的机械加工专用设备。市场竞争的基础，离不开生产实力，离不开完善先进的硬件设施。深知硬件设施重要性的艾鲁思，在同行业率先引进国内外先进的生产设备，几年来更先后投入资金对硬件设施进行更新换代，以国际化的生产设施生产出符合GMP标准的高端优质产品。

Ailusi firmly believes that quality products are not only derive from company's superior management and excellent staffs, but also depend on advanced and superior mechanical processing equipment. Market competition is inseparable from the company's production ability and advanced hardware facilities. Ailusi knows well the importance of hardware facilities. So, in order to produce high-quality products and make them internationalized to meet the GMP standard, Ailusi has taken the lead to introduce advanced production facilities from all over the world in the same industry, and has invested a lot to update its hardware facilities in recent years.



精良的装备
 与制造成就真正的经典
 Fine equipment and manufacturing
 accomplish the real classics.

精品展示 SHOWROOM DISPLAY



“精品无价”这是艾鲁思人提出的响亮口号。口号虽然是无形的，但艾鲁思却把精品当成标准来追求，确定了“以精品打造品牌、以精品立足市场、以精品取信社会，以精品赢得未来”的经营理念。

The loud slogan, "High-quality goods are priceless" is proposed by our company. Although it is invisible, we pursue the high-quality goods as standards. Our operation principle is "Creating high-quality goods based on the market to build our own brand, win the public's trust and future".

我们与国内外优秀的元件供应商建立长期稳定的友好合作关系，公司将严格遵守供应商管理制度，对每一个元件和材料的采购，都要经过严格的筛选；选择符合质量要求的优秀供应商作为公司长期合作伙伴，与公司一起成长发展。

We have established long-term and stable friendly cooperative relations with excellent component suppliers at home and abroad. The company will strictly abide by the supplier management system, and each component and material procurement must undergo strict screening; select excellent suppliers that meet the quality requirements. As a long-term partner of the company, we will grow and develop together with the company.

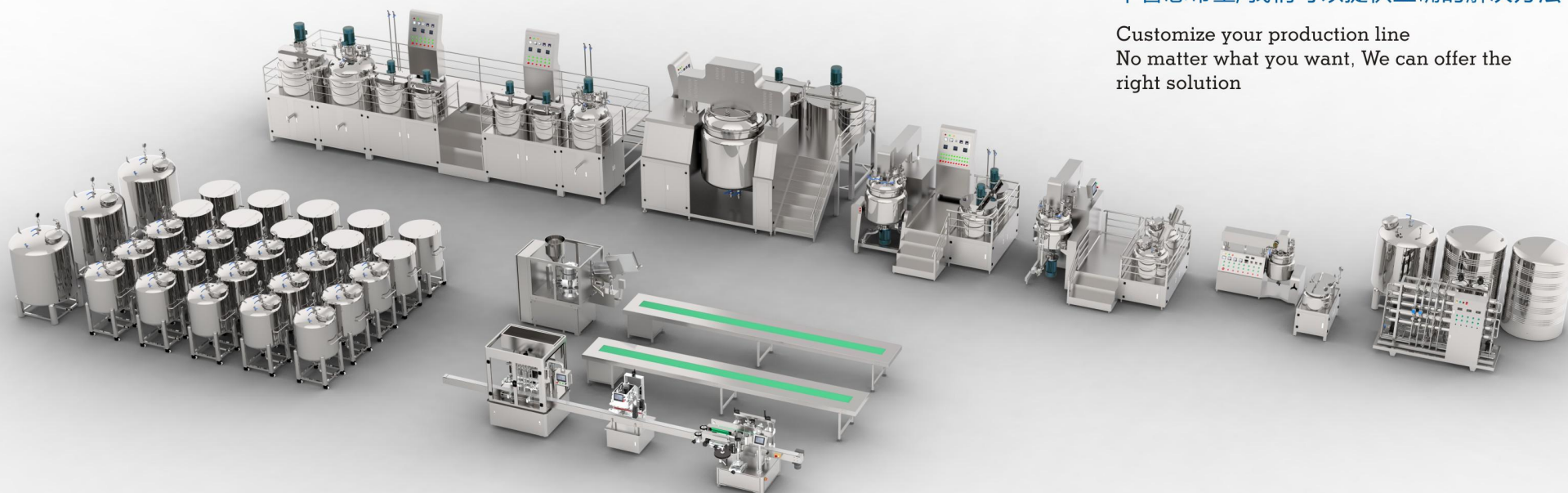


优质的元件供应商
是您值得信赖的最佳合作伙伴
Quality component supplier
Is the best partner you can trust

定制您的生产线

不管您希望, 我们可以提供正确的解决方法

Customize your production line
No matter what you want, We can offer the
right solution



膏霜生产线
Cosmetic cream & lotion
production line



洗液生产线
Liquid washing production line



牙膏生产线
Toothpaste production line



洗涤剂生产线
Detergent production line



香水生产线
Perfume production line



口红生产线
Lipstick production line



粉饼生产线
Foundation production line



雾泡罐生产线
Aerosol production line

工程实例 CUSTOMER PROJECTS

我们希望通过完善的设计、制造和售后服务确保每一个安装工程在有效使用内充分发挥各项性能指标；我们拥有世界先进的生产装备，运用崭新的工业概念及强大的技术力量，生产出符合国际标准的高品质终极产品。

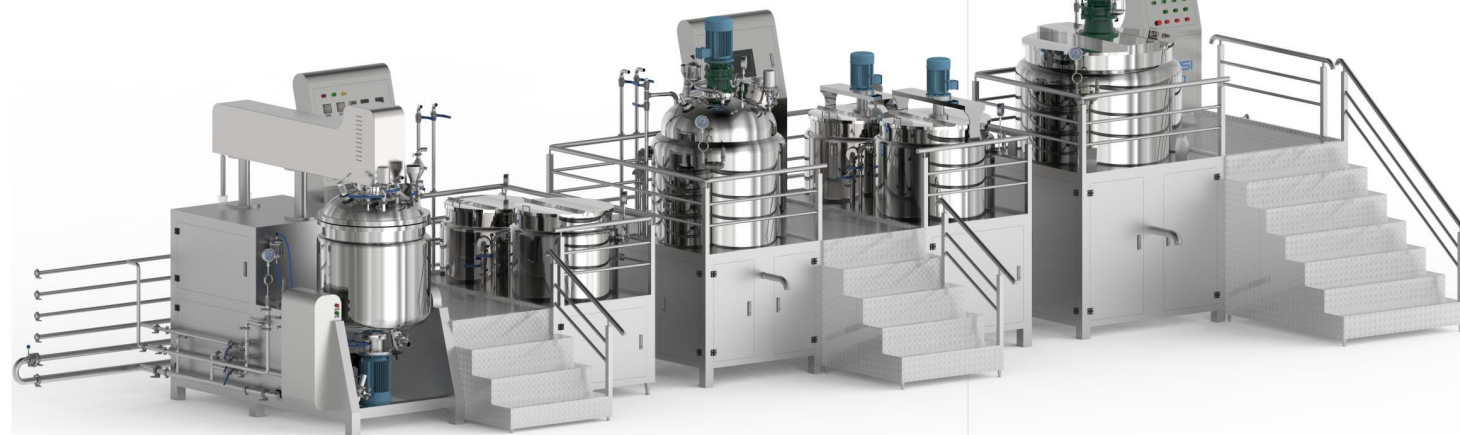
We will make sure that all projects installed can exert their performances in effective service life by our perfect design, manufacturing and after-sales services. We will produce high quality ultimate products that are in accordance with international standards by adopting world advanced production equipment, brand new industrial conception and powerful technical strength.



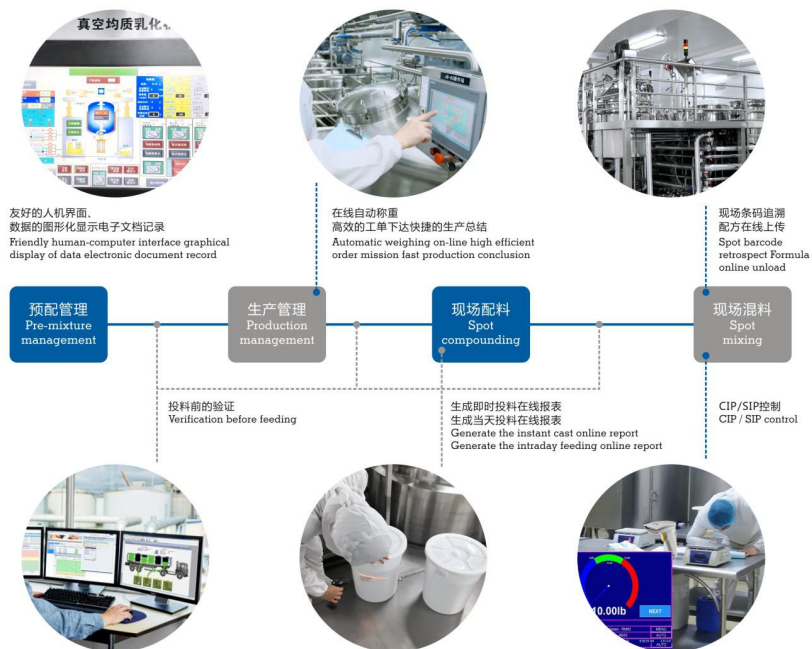
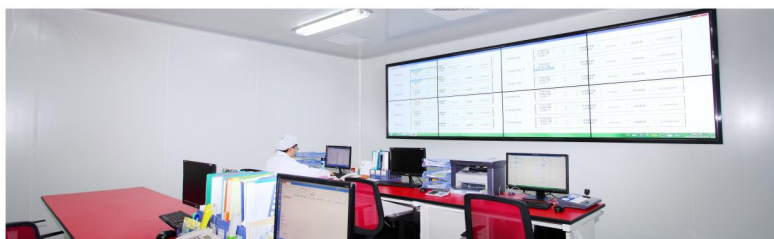
工程实例 CUSTOMER PROJECTS

公司提供一流的专业工程安装经验和管理经验，本着精益求精的工作态度，为用户提供良好的售后服务，竭诚满足用户的需求。专业人员是良好服务的基础，我们的专业人员具备设备使用及维护的实际经验及系统培训，真正掌握了专业的知识和现场处理的方法。

Our company provides top-ranking professional project installation experience and management experience. By holding the work attitude of keeping improving, we provide users with good after-sales service and meet customer requirements. Professional personnel are the guarantee for good service. Our professional personnel have practical experience in equipment use and maintenance and receive systemic training, mastering professional knowledge and site treatment modes.



自动化控制系统 AUTOMATION CONTROL SYSTEM



私人定制 您的专属设备 PERSONAL TAILOR, CUSTOMIZE YOUR OWN MIXER

容量 Capacity	10L <input type="checkbox"/> 20L <input type="checkbox"/> 30L <input type="checkbox"/> 50L <input type="checkbox"/> 100L <input type="checkbox"/> 200L <input type="checkbox"/> 300L <input type="checkbox"/> 500L <input type="checkbox"/> 1000L <input type="checkbox"/> 2000L <input type="checkbox"/> 3000L <input type="checkbox"/> 5000L <input type="checkbox"/> 其他Other <input type="checkbox"/>
材质 Material	SUS304 <input type="checkbox"/> SUS316L <input type="checkbox"/> 其他Other <input type="checkbox"/>
锅体结构 Tank type	法兰式Flange type <input type="checkbox"/> 人孔式Manhole type <input type="checkbox"/> 平口式Open Lid <input type="checkbox"/> 其他Other <input type="checkbox"/>
升降方式 Hydraulic lifting	单液压缸Single hydraulic <input type="checkbox"/> 双液压缸Dual hydraulic <input type="checkbox"/> 固定式Fixed <input type="checkbox"/>
搅拌方式 Mixing type	框式刮壁搅拌Single wall scrape <input type="checkbox"/> 双路刮壁搅拌bidirectional wall scrape <input type="checkbox"/> 划桨Paddle <input type="checkbox"/> 锚桨Anchor <input type="checkbox"/> 螺带Helix <input type="checkbox"/> 分散Disperser <input type="checkbox"/> 其他Other <input type="checkbox"/>
均质机 Homogenizer	标准款Standard <input type="checkbox"/> 外循环Circulation <input type="checkbox"/> 高速High speed <input type="checkbox"/> 其他Other <input type="checkbox"/>
加热 Heating	电加热Electric <input type="checkbox"/> 蒸汽加热Steam <input type="checkbox"/> 无None <input type="checkbox"/> 其他Other <input type="checkbox"/>
真空 Vacuum	有Yes <input type="checkbox"/> 无No <input type="checkbox"/> 其他Other <input type="checkbox"/>
正压出料 Pressure discharge	有Yes <input type="checkbox"/> 无No <input type="checkbox"/> 其他Other <input type="checkbox"/>
倾倒出料 Tilting discharge	有Yes <input type="checkbox"/> 无No <input type="checkbox"/> 其他Other <input type="checkbox"/>
控制电箱 Electric Cabinet	按键式Buttons <input type="checkbox"/> 触摸屏HMI <input type="checkbox"/> 全自动终端系统Automatic <input type="checkbox"/> 其他Other <input type="checkbox"/>
溶解锅 Pre-Melting pots	油水锅Water and oil pot <input type="checkbox"/> 油锅Oil pot <input type="checkbox"/> 其他Other <input type="checkbox"/>
溶解锅功能 Pre-Melting pots functions	分散Disperser <input type="checkbox"/> 均质Homogenizer <input type="checkbox"/> 加热Heating <input type="checkbox"/> 其他Other <input type="checkbox"/>
管道阀门 Piping	手动控制Manual <input type="checkbox"/> 自动控制Automatic <input type="checkbox"/> 其他Other <input type="checkbox"/>
楼梯平台 Platform	铝合金防滑板 Aluminum alloy <input type="checkbox"/> 不锈钢防滑板 SUS304 <input type="checkbox"/> 其他Other <input type="checkbox"/>
流量计 Flow meter	有Yes <input type="checkbox"/> 无No <input type="checkbox"/> 其他Other <input type="checkbox"/>
称重 Load cells	有Yes <input type="checkbox"/> 无No <input type="checkbox"/> 其他Other <input type="checkbox"/>
其他需求 More requirements	

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真空均质乳化机系列
Vacuum Emulsifying Mixer Series



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液洗均质搅拌机系列
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水处理系列
Reverse Osmosis Water Treatment Series



P44-45

香水机系列
Perfume Machine Series



P46-53

灌装机系列
Filling Machine Series



P54-55

旋盖/贴标机系列
Capping / Labeling Machine Series



P56-57

包装机系列
Packing Machine Series



P58-59

彩妆/粉体设备系列
Makeup / Powder Equipment Series



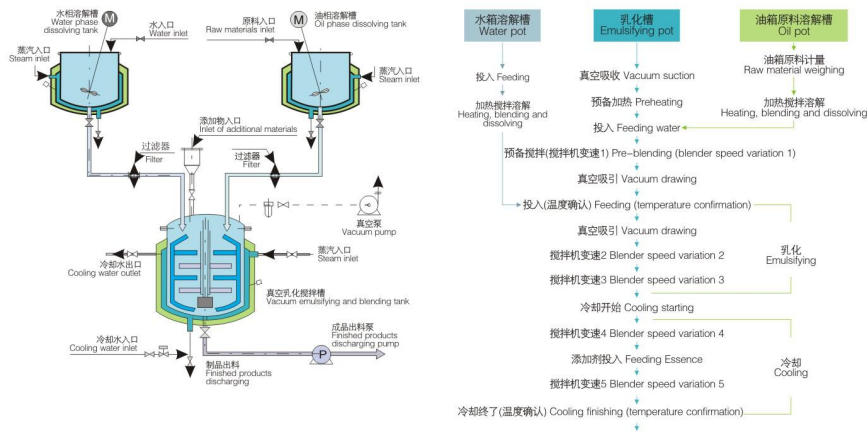
P60-65

辅助设备系列
Auxiliary Equipment Series



AVE 真空均质乳化机 AVE Vacuum emulsifying mixer

真空乳化机工艺流程 FLOW CHART OF VACUUM EMULSIFYING MIXER



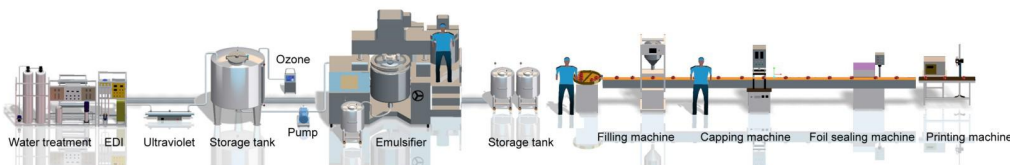
真空均质乳化机定义

主要是指物料在真空的状态下，利用高剪切乳化器快速均匀地将一个相或多个相分布致另一个连续相中，其利用机械带来的强劲动能，使物料在定转子狭窄的间隙中，每分钟承受几十万次的液力剪切、离心挤压冲击撕裂等综合作用，瞬间均匀地分散乳化，经过高频的循环往复，最终得到无气泡细腻及稳定的高品质产品。

DEFINITION OF VACUUM HOMOGENIZING EMULSIFIER

It means that when the materials are under the vacuum condition, it makes use of the high shear emulsifier to distribute one or several phases to another continuous phase rapidly and evenly. The materials will be processed in the narrow space between stator and rotor by strong energy of motion produced by the mechanical effect. By the operation of hydraulic shearing, centrifugal extruding, impacting, breaking and turbulence for over 100 thousand times per minute, the materials will be dispersed and emulsified instantly and evenly. After reciprocating circulation at high frequency, the fine finished products of stable and high quality without bubbles will be achieved.

全自动膏霜生产线 FULL-AUTO CREAM PRODUCTION LINE



主要组成系统 MAIN COMPOSITION

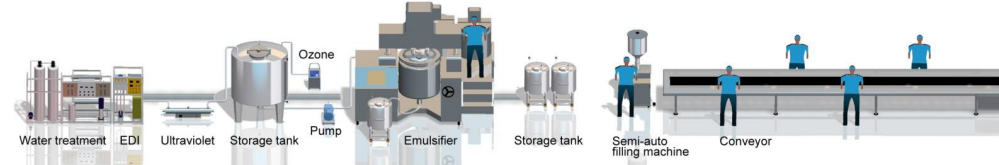
真空乳化机主要由水相锅、油相锅、乳化搅拌主锅、真空系统、升降系统(可选)、电器控制系统(可选用PLC)、操作平台等组成。

The vacuum emulsifying mixer is mainly composed of water pot, oil pot, emulsifying pot, vacuum system, lifting system (optional), electric control system (PLC is optional), operation platform, etc.

性能及特点

- 工作容积10L - 5000L可选；
- 适用产品粘度从100-300,000 CPS；
- 德国技术的均质机，采用进口双面合金机械密封，最高剪切细腻度最高达到2微米；
- 搅拌结构可选择单向/双向/螺旋刮壁搅拌；
- 均质机结构可选择上均质，下均质，内外循环均质机；
- 真空脱泡使物料达到无菌要求，并采用真空吸料、特别对粉体物料利用真空吸入避免粉尘飞扬；
- 主锅锅盖选用单液压缸/双液压缸升降装置，清洗方便并且效果更显著，锅体可选用倾倒快速出料；
- 锅体采用了三层不锈钢进口板材焊接组成，罐体及管道为镜面/半镜面抛光，完全符合GMP要求；
- 根据工艺要求，锅体可加热并冷却物料，加热方式主要有蒸汽及电加热并带温度控制；
- 机器控制系统主要采用机械按键控制或者自动触摸屏控制。

半自动膏霜生产线 SEMI-AUTO CREAM PRODUCTION LINE



PERFORMANCES AND FEATURES

- Working capacity from 10L to 5000L.
- Suitable for cream and emulsion of 10,000-300,000cps viscosity.
- German technology homogenizer, adopt imported double-end mechanical seals. Perfect particle size of 2 micrometers.
- Agitator designed Single way/Bidirectional/Helix frame oar wall scrapping.
- Homogenizer could design Upper Homogenizer, Bottom Homogenizer, Internal & External Circulation Homogenizer.
- The vacuum defoaming can make materials meet the requirement of being aseptic. Adopt vacuum suction liquids especially for powder materials to avoid dust explosion.
- The Main Mixer adopt Single/Dual Oil hydraulic lifting system, easy to clean and the cleaning effect is more obvious, it also could adopt tilt discharge.
- Tanks body are welded by imported three-layer stainless steel plate. All tanks and pipes adopt Mirror/Matt polishing, which fully conforms to GMP requirements.
- According to processing requirements, Tanks has heating and cooling function, Heating by steam or electric. With PT100 temperature controlled.
- Machine control system adopt Mechanical buttons control or Automatic HMI control design.

AVE-Z 真空均质乳化机 AVE-Z Vacuum emulsifying mixer

真空均质乳化机系列



AVE-ZXN 自动真空乳化机
AVE-ZXN Vacuum emulsifying mixer



AVE-ZXV 液压升降真空乳化机
AVE-ZXV Vacuum emulsifying mixer



AVE-ZXB 液压升降真空乳化机
AVE-ZXB Vacuum emulsifying mixer



AVE-ZXG 高速均质真空乳化机
AVE-ZXG Vacuum emulsifying mixer



AVE-ZX 液压升降真空乳化机
AVE-ZX Vacuum emulsifying mixer



AVE-ZDX 双缸液压升降真空乳化机
AVE-ZDX Dual hydraulic vacuum emulsifying mixer



AVE-ZDX 双缸液压升降真空乳化机
AVE-ZDX Dual hydraulic vacuum emulsifying mixer

AVE-X 下均质真空均质乳化机(10L-5000L) AVE-X Bottom homogenizer vacuum emulsifying mixer

真空均质乳化机系列



AVE-XD 液压升降真空乳化机
AVE-XD Vacuum emulsifying mixer



AVE-XH 液压升降真空乳化机
AVE-XH Vacuum emulsifying mixer



AVE-XB 液压升降真空乳化机
AVE-XB Vacuum emulsifying mixer



AVE-XL 液压升降真空乳化机
AVE-XL Vacuum emulsifying mixer



AVE-XDG 液压升降真空乳化机
AVE-XDG Vacuum emulsifying mixer

AVE-S 上均质真空均质乳化机(10L-5000L) AVE-S Top homogenier vacuum emulsifying mixer



AVE-ZSL 液压升降真空乳化机
AVE-ZSL Vacuum emulsifying mixer



AVE-SL 液压升降真空乳化机
AVE-SL Vacuum emulsifying mixer



AVE-ZSB 液压升降真空乳化机
AVE-ZSB Vacuum emulsifying mixer

AVE-VL 小型真空均质乳化机(1L-50L) AVE-VL LAB Vacuum emulsifying mixer

小批量真空乳化机

技术特点：主锅罐盖能自动升降，配置上均质或下均质。

工作容量：10L，20L，30L

均质速度：50-3600RPM(变频调速)

SMALL BATCH VACUUM EMULSIFYING MIXER BOTTOM

Technical features: the cover of main boiler tank can be lifted and lowered automatically, and it is up-homogenizer homogenizer to enhance the homogenizing effect of materials to the greatest extent.

Working capacity: 10L, 20L, 30L

Homogenizing speed: 50-3600RPM (frequency conversion speed adjustment)



实验室真空乳化机

技术特点：电动升降，进口均质机，配备真空和加热冷却装置

工作容量：1L，2L，5L，10L

均质速度：10000-34000RPM(变频调速)

LABORATORY VACUUM EMULSIFYING MIXER

Technical features: electric lifting, imported homogenizer, equipped vacuum pump and heating/cooling device.

Working capacity: 1L, 2L, 5L, 10L

Homogenization speed: 10000-34000RPM (frequency control)

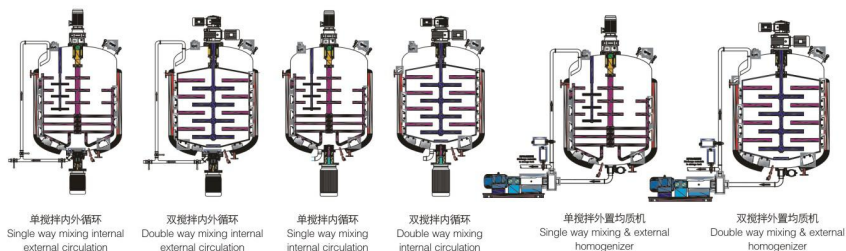
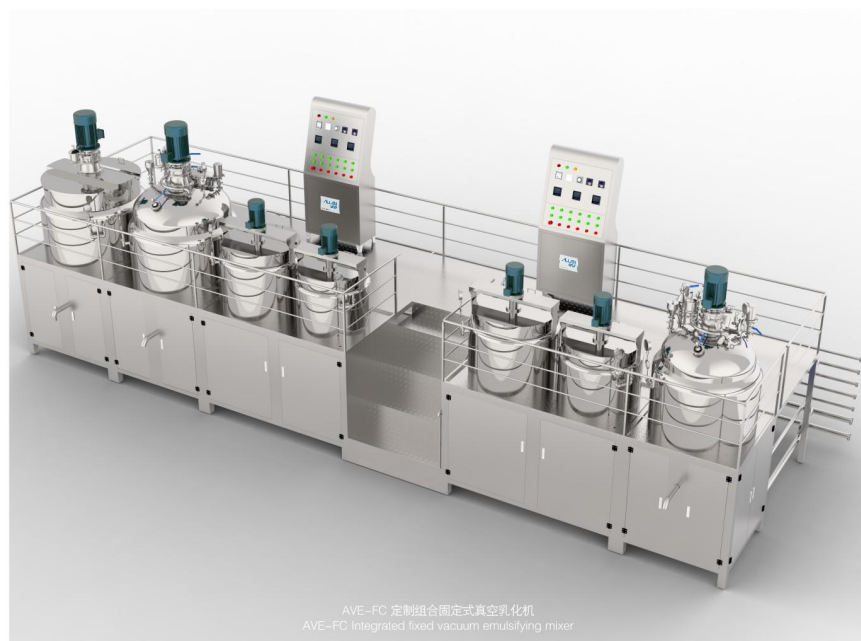


主要技术参数 TECHNICAL PARAMETER

型号 Model	物料容积 Capacity	均质马达 Homogenizer motor		搅拌马达 Stir motor	外形尺寸 Dimension		
		KW	r/min		长 Length(mm)	宽 Width(mm)	高 Height (mm)
AVE-VL-5L	5L	0.55-1.1	3600	0.55	1200	750	1950
AVE-VL-10L	10L	0.55-1.1	3600	0.75	1200	750	2150
AVE-VL-20L	20L	0.75-2.2	3600	0.75	1200	750	2250
AVE-VL-30L	30L	0.75-3	3600	1.5	1200	750	2350

AVE-F 固定式真空乳化机(100L-5000L) AVE-F Fix-type vacuum emulsifying mixer

真空均质乳化机系列



主要技术参数 TECHNICAL PARAMETER

规格 Model	有效容积 Effective Capacity	乳化马达 Emulsify		搅拌马达 Agitator		外型尺寸(mm) Outside Dimension			总功率 蒸汽 电加热(kW) Total power steam Electric heating	极限真空 (Mpa) Limit vacuum
		KW	t/min	KW	t/min	L	W	H		
AVE-F-300	300L	6.5-8	1440/2880	3	0-63	1580	2800	2800	12/38	-0.085
AVE-F-500	500L	6.5-8	1440/2880	3	0-63	1780	3050	2950	15/50	-0.085
AVE-F-800	800L	9-11	1440/2880	4	0-63	1850	3250	3150	20/65	-0.085
AVE-F-1000	1000L	9-11	1440/2880	5.5	0-63	2100	3400	3650	29/75	-0.08
AVE-F-2000	2000L	11-14	1440/2880	5.5	0-63	2750	3950	4300	38/92	-0.08
AVE-F-3000	3000L	15-18	1440/2880	7.5	0-63	3000	4300	4500	43/120	-0.08

AVE-YG 真空牙膏机(50L-5000L) AVE-YG Vacuum toothpaste making machine



AVE-YGH 液压升降真空牙膏机
AVE-YGH Hydraulic toothpaste making machine



AVE-YGF 液压升降真空牙膏机
AVE-YGF Hydraulic toothpaste making machine

CIP 清洗设备 CIP Cleaning equipment

简易型CIP清洗系统
SIMPLE AND EASY CIP CLEANING SYSTEM



智能型CIP清洗系统
INTELLIGENTIZED CIP CLEANING SYSTEM

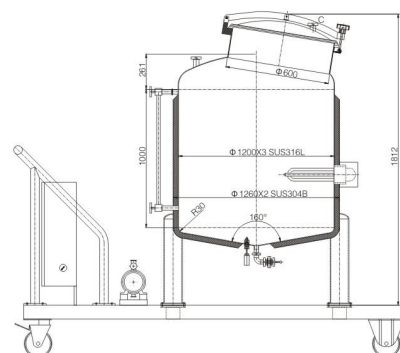


应用领域

目前，智能型CIP就地清洗系统广泛应用于化妆品、生物发酵、制药等对清洗要求较高的行业，以达到卫生无菌的效果。

APPLICATION

At present, Intelligentized CIP system is widely used biological fermentation and pharmaceutical industries with high requirement of clean so that it reaches sanitary and sterile effect.



针对日化行业特点研制的简易型CIP清洗系统高效、美观而受到客户青睐！

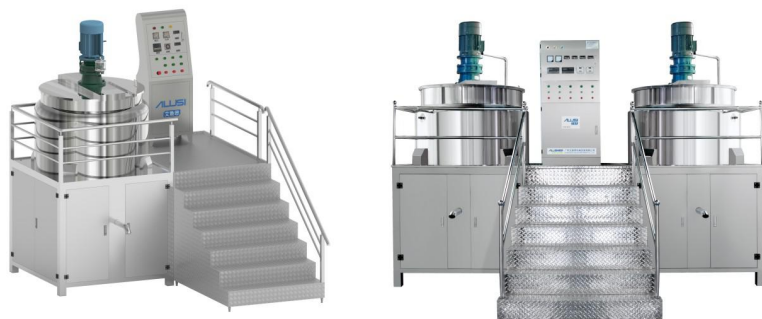
The CIP cleaning system developed for the characteristics of the daily chemical industry is highly efficient and artistic, and is favored by customers.

引申说明：
可根据工艺情况选择：
单罐式、双罐式、
分体式还可以选择：
智能型、手动型

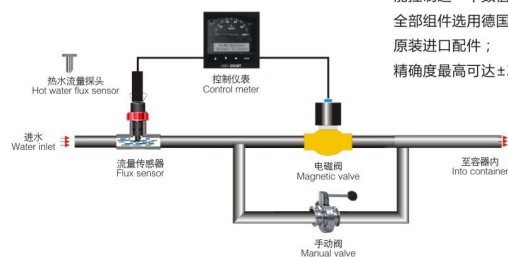
Extended explanation:
According to process
condition to choose:
process condition
choose:
Single tank type,
separate body type,
also can choose:
intelligentized type,
manual type

AHM 液洗搅拌锅(50L-5000L) AHM Liquid detergent homogenizer mixer

液洗均质搅拌机系列



水计量解决方案 WATER MEASURING SOLUTIONS

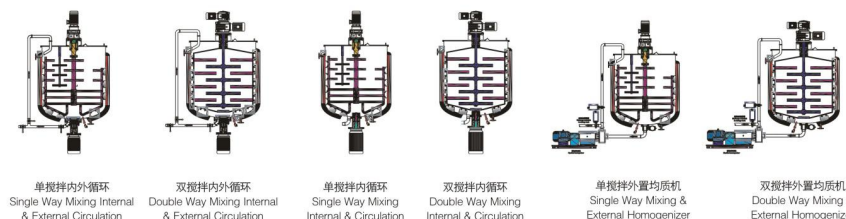
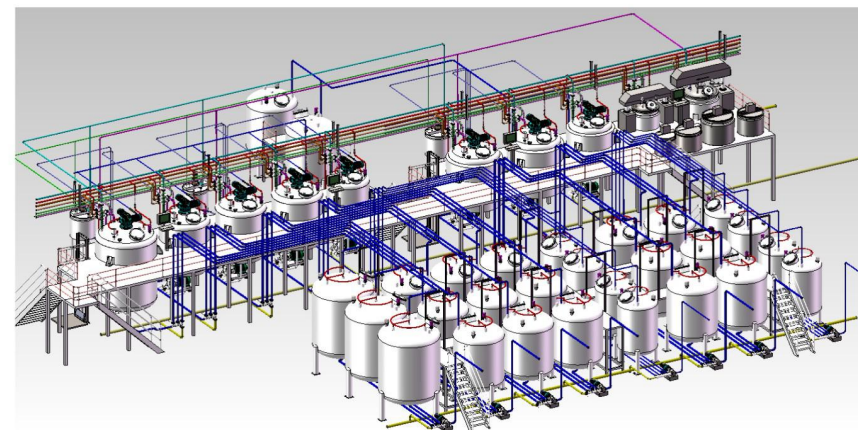
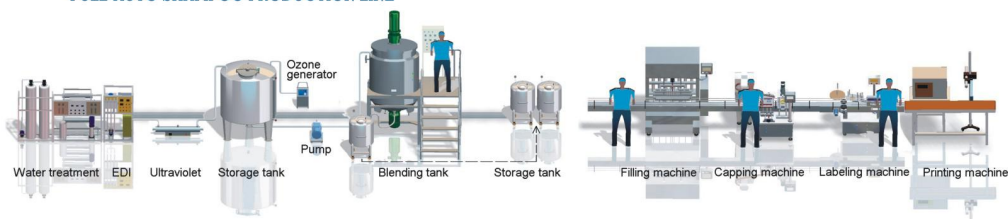


可以任意设定一个数值的量并能控制这一个数值的量；
全部组件选用德国宝帝品牌，
原装进口配件；
精确度最高可达 $\pm 3\%$

Can be freely set up a value amount and can control this value amount;
All the components are selected by the BURKERT brands, original imported accessories;
The precision can be reached to $\pm 3\%$



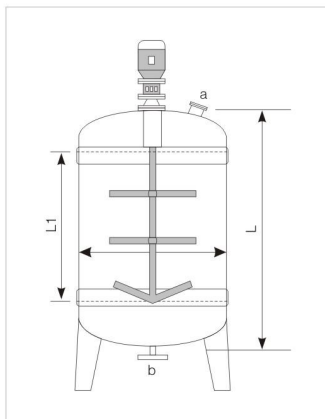
全自动洗发水生产线 FULL-AUTO SHAMPOO PRODUCTION LINE



主要技术参数 TECHNICAL PARAMETER

规格 Model	有效容积 Effective Capacity	搅拌功率及转速 Stirring power and speed		均质功率及转速 Homogeneous power and speed		加热方式 Heating mode	
		kW	r/min	kW	r/min	电加热 Electric heating	蒸汽加热 Steam heating
AHM-50	50	0.75	0-63	1.5	0-3600	6KW	蒸汽加热节能环保， 根据需要提供。 Steam heating energy conservation and environmental protection, selected according to need.
AHM-100	100	1.1	0-63	2.2	0-3600	12KW	
AHM-150	150	1.5	0-63	2.2	0-3600	12KW	
AHM-200	200	2.2	0-63	3	0-3600	18KW	
AHM-300	300	2.2	0-63	4	0-3600	18KW	
AHM-500	500	3	0-63	5.5	0-3600	27KW	
AHM-1000	1000	4	0-63	7.5	0-3600	36KW	建议采用夹层蒸汽加热 Recommended jacket steam heating
AHM-1500	1500	4	0-63	11	0-3600	45KW	
AHM-2000	2000	5.5	0-63	11	0-3600		
AHM-3000	3000	7.5	0-63	15	0-3600		
AHM-5000	5000	11	0-63	22	0-3600		

AHM-P 聚丙烯防腐搅拌机(100L-5000L) AHM-P Polypropylene anti-corrosive mixer



本厂生产的PP、PVC塑料搅拌机主要适用于化工、医药、石油等行业，特别适用于任何高腐蚀的强酸，强碱化工生产亦适用于化妆品行业的电发水生产。

优点

它的锅体用PP、PVC塑料制作，与任何化工产品不宜产生化学反应，搅拌浆叶由搪瓷制作。搅拌电机为防爆电机，它具有重量轻，安装维修方便，耐腐蚀性能好等优点。
其操作压力 $\leq 0.1\text{Mpa}$ ，操作温度(PP)-10℃~100℃，(PVC)-10℃~60℃。

This PP/PVC plastic mixer is mainly used in chemical, medicine, petroleum, and other industrial lines, especially for producing any corrosive acid or caustic, cosmetic electric water production.

ADVANTAGE

The mixer pot is made of PP/PVC, plastic material. It is very hard to reaction with any chemical product. Mixing motor is anti-explosion motor with the advantages of lightweight body, convenient installation and maintenance, anticorrosive performance.
The work pressure $\leq 0.1\text{Mpa}$, work temperature(PP):-10℃~100℃, PVC:-10℃~60℃.

主要技术参数 TECHNICAL PARAMETER

容积(L) Volume	Φ	L	L1	a	b	搅拌功率 Mixing power KW	搅拌速度 Mixing speed r/min
400	800	1050	650	350	50	1.5	0-63
800	800	1340	800	380	50	2.2	0-63
1000	1000	1550	1000	400	50	3	0-63
2000	1200	2000	1500	450	50	3	0-63
3000	1650	2300	1800	450	63	4	0-63
5000	1800	2500	2000	450	63	4	0-63

AST 卫生级储罐(50L-1000L) AST Sanitary storage tank



AST-OT 移动式敞口储罐
AST-OT Moveable hinged lid storage tank



AST-ST 移动式密封储罐
AST-ST Moveable sealed storage tank



AST-PT 移动储罐(带气动搅拌)
AST-PT Movable storage tank
(with pneumatic mixing)



AST-MT 侧搅拌冷热缸系列
AST-MT Side blending cooling and heating series



AST-JT 固定式密封储罐
AST-JT Fixed sealed storage tank



AST-FT 方形储罐
AST-FT Square storage tank

泵 Pump

液洗均质搅拌机系列



变频转子泵
VFD Rotor Pump



凸轮式双转子泵
Cam type double rotor pump



螺杆泵
Screw pump



气动隔膜泵
Pneumatic diaphragm pump



乳化泵
Emulsifier pump



上料泵
Feed pump



三级乳化泵
3stage emulsion pump

均质机/分散机 Homogenizer/Disperser



不锈钢气动升降均质机
Stainless steel pneumatic lifting homogenizer



不锈钢气动升降分散机
Stainless steel pneumatic lifting disperser



气动升降均质/分散机
Moveable pneumatic lifting homogenizer / disperser



吊架均质机
Hanger homogenizer



双轴分散式液压升降
Double bearing dispersing type



单轴分散式液压升降
Single bearing dispersing type

主要技术参数 TECHNICAL PARAMETER

型号 Model	功率 Power kw	升降高度 Elevator Height mm	转速 Rotation r.p.m	搅拌容量 Blending Volume L	叶轮直径 Fan Diameter mm	重量 weight kg
ALS600-1.5	1.5	600	A:0-1500 B:0-3000	10-50	100	50
ALS600-2.2	2.2			20-60	150	60
ALS600-3.0	3.0			20-100	200	80
ALS600-4.0	4.0	800		20-100	200	90

ARO 反渗透水处理 ARO Reverse osmosis water treatment

反渗透概述

反渗透技术是近几年来才在我国发展起来的一项现代高新技术。反渗透就是对溶液施加一个大于渗透压的压力，使水透过特制的半透膜，从溶液中分离出来。因为这个过程和渗透现象相反，所以称为反渗透。按各种物料的不同渗透压，就可以对某种溶液使用大于渗透压的反渗透方法，达到对溶液进行分离、提取、纯化和浓缩的目的。反渗透装置，主要是分离溶液中的离子范围，它无需加热，更没有相变过程，因此比传统的方法能耗低。

SUMMARY OF REVERSE OSMOSIS

Reverse osmosis technology is a modern high technology developed recently in China. Reverse osmosis is to separate water from solution after it permeates the specially-made semi-transparent membrane through exerting a pressure that is higher than the osmosis pressure on the solution. As this process is reverse to the natural permeation direction, it is called reverse osmosis. According to different osmosis pressures of various materials, the process of reverse osmosis with a pressure higher than the osmosis pressure can be used to reach the purposes of separation, extraction, purification and concentration of a certain solution. It does not need heating and there is no phase changing process; therefore, it saves more energy than traditional process.

性能及特点

- 反渗透装置体积小，操作简单，适用范围比较广；
- 用反渗透装置，处理工业用水，不耗用大量酸碱，无二次污染，它的运行费用也比较低；
- 反渗透脱盐率 ≥ 99%，整机脱盐率 ≥ 97%，能够有效去除 98% 的有机物，胶体，细菌等；
- 产水电导率好，一级为 $10 \mu\text{s}/\text{cm}$ ，二级为 $2-3 \mu\text{s}/\text{cm}$ 左右， $\text{EDI} \leq 0.5 \mu\text{s}/\text{cm}$ (原水 $\leq 300 \mu\text{s}/\text{cm}$)
- 操作自动化程度高，无需人工看守，水满自动停机，无水自动开机，自动空气定时冲洗前置滤料，IC 微电脑控制器自动冲洗反渗透膜，原水、纯水电导率实现在线显示；
- 进口部件高达 90% 以上。

PERFORMANCES AND FEATURES

- This system occupy little space, easy to operate, wide application range.
- When used for disposing industrial water, the reverse osmosis device does not consume large amounts of acids and alkalis, and there is no secondary pollution. In addition, its operation cost is also low.
- Reverse osmosis desalting rate $\geq 99\%$, machine desalting rate $\geq 97\%$. 98% of organic matters, colloids and bacteria can be removed.
- Finished water under good electric conductivity, one stage $\leq 10 \mu\text{s}/\text{cm}$, two stage around $2-3 \mu\text{s}/\text{cm}$, $\text{EDI} \leq 0.5 \mu\text{s}/\text{cm}$ (base on raw water $\leq 300 \mu\text{s}/\text{cm}$)
- High operation automation degree. It is unattended. The machine will automatically stop in case of water sufficiency and automatically start in case of no water. Timed flushing of front filtering materials by automatic controller. Automatic flushing of reverse osmosis film by IC microcomputer controller. Online display of raw water and pure water electric conductivity.
- Imported parts account for over 90%.

水处理工艺流程图

WATER TREATMENT PROCESS FLOWCHART



应用领域

电子工业用水: 集成电路、硅晶片、显示管等电子元器件冲洗水
 制药行业用水: 大输液、针剂、片剂、生化制品、设备清洗等
 化工行业工艺用水: 化工循环水、化工产品制造等
 电力行业锅炉补给水: 火力发电锅炉、厂矿中低压锅炉动力系统
 食品工业用水: 饮用纯净水、饮料、啤酒、白酒、保健品等
 海水、苦咸水淡化: 海岛、舰船、海上钻井平台、苦咸水地区
 饮用纯净水: 房地产业、社区、企事业单位等
 其它工艺用水: 汽车、家电涂装、镀膜玻璃、化妆品、精细化学品等

APPLICATION FIELDS

Electronic industry water: integrated circuit, silicon wafer, display tube and other electronic components
 Pharmaceutical industry water: large infusion, injection, tablets, biochemical products, equipment cleaning, etc.
 Chemical industry process water: chemical circulating water, chemical products manufacturing, etc.
 Electric industry boiler feeding water: thermal power generation boiler, low pressure boiler power system in factories and mines
 Food industry water: purified drinking water, beverage, beer, alcohol, health products, etc.
 Seawater and saline water desalination: islands, ships, marine drilling platforms, saline water areas
 Purified drinking water: house properties, communities, enterprises, etc.
 Other process water: automobile, home appliance painting, coated glass, cosmetics, fine chemicals, etc.

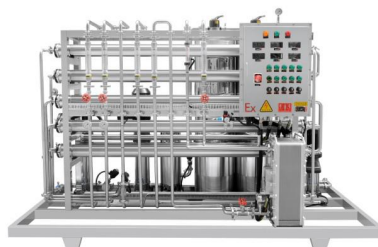
ARO 反渗透水处理(250L-50000L) ARO Reverse osmosis water treatment



ARO-SUS 不锈钢二级反渗透+EDI
ARO-SUS Two stage water treatment with EDI



ARO-SUS 不锈钢二级反渗透+EDI
ARO-SUS Two stage water treatment with EDI



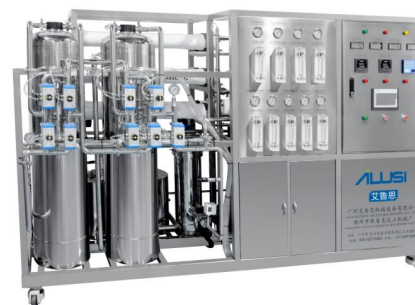
ARO-SUS 不锈钢二级反渗透+EDI(防霉型)
ARO-SUS Two stage water treatment with EDI (EX type)



ARO-FRP 单级反渗透水处理
ARO-FRP Water treatment



ARO-FRP 井水/地下水反渗透水处理
ARO-FRP Borehole water water treatment



ARO-SUS 全自动制药级反渗透水处理
ARO-SUS Automatic pharm grade water treatment



ARO-SUS 井水/地下水反渗透水处理
ARO-SUS Borehole water water treatment



超纯水装置
EDI System



过流式紫外线杀菌器
Over-current type ultraviolet sterilizer

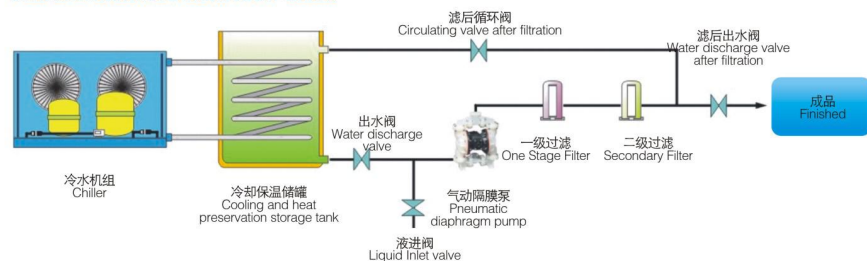


臭氧发生器
Ozone generator

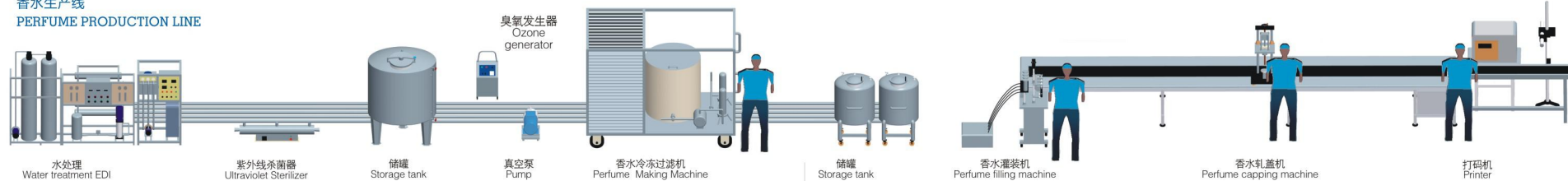
AXS-PF 香水冷冻过滤机 AXS-PF Perfume making machine series



香水工艺流程图
PERFUME TECHNOLOGICAL FLOW CHART



香水生产线
PERFUME PRODUCTION LINE



AXS 香水生产设备 AXS Perfume production equipment



AXS-PF 型香水设备
AXS-PF Perfume machine



AXS-VF 四头真空灌装机
AXS-VF Four heads vacuum filling machine



AXS-CF 香水抓口机
AXS-CF Perfume crimping machine



AXS-JL 微孔膜过滤器
AXS-JL Microporous film filter



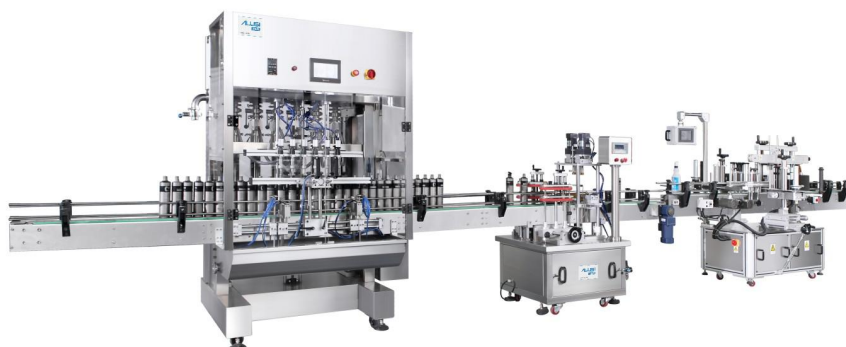
AXS-BL 板框式过滤器
AXS-BL Frame type filter



微孔膜过滤器
Microporous filter

AFM 全自动生产线 AFM Full automatic production line

灌装机系列



全自动液体灌装生产线
 Automatic liquid filling production line



全自动四头液体灌装+旋盖机+贴标机
 Fully-auto 4 nozzles filling machine & capping machine & labeling machine

AFM-ZL 全自动液体灌装机 AFM-ZL Full automatic liquid filling machine



AFM-ZPL 全自动液体锁盖机
AFM-ZPL Automatic filling and capping machine



AFM-ZSL 全自动液体灌装机
AFM-ZSL Automatic liquid filling machine



AFM-ZCL 全自动自流式液体灌装机
AFM-ZCL Automatic gravity liquid filling machine

主要技术参数 TECHNICAL PARAMETER

型号 Model	灌装范围 Filling volume	灌装速度 Filling speed	灌装精度 Filling precision	生产能力 Productivity	气源压力 Air source pressure
AFM-ZL-50	10-50ml	可调Adjustable	$\leq \pm 0.3\%$	2000-3000b/h	0.4-0.8MPa
AFM-ZL-150	30-150ml	可调Adjustable	$\leq \pm 0.3\%$	1800-3000b/h	0.4-0.8MPa
AFM-ZL-300	50-300ml	可调Adjustable	$\leq \pm 0.3\%$	1800-2500b/h	0.4-0.8MPa
AFM-ZL-500	100-500ml	可调Adjustable	$\leq \pm 0.3\%$	1200-2000b/h	0.4-0.8MPa
AFM-ZL-1000	200-1000ml	可调Adjustable	$\leq \pm 0.3\%$	1000-2000b/h	0.4-0.8MPa

AFM-ZC 全自动膏体灌装机 AFM-ZC Full automatic cream filling machine



AFM-ZSC 全自动膏体灌装机
AFM-ZSC Automatic cream filling machine



AFM-ZRC 全自动膏体灌装生产线
AFM-ZRC Automatic rotary cream filling line

主要技术参数 TECHNICAL PARAMETER

充填范围 Filling volume	生产能力 Productivity	灌装速度 Filling speed	灌装精度 Filling precision	气源压力 Air source pressure
ml	瓶/时 b/h		%	Mpa
AFM-ZC-50	500-1000	可调Adjustable	$\leq \pm 1$	0.4-0.8
AFM-ZC-300	500-1500	可调Adjustable	$\leq \pm 1$	0.4-0.8
AFM-ZC-500	500-1300	可调Adjustable	$\leq \pm 1$	0.4-0.8
AFM-ZC-1000	400-1000	可调Adjustable	$\leq \pm 1$	0.4-0.8

AFM-SM 半自动灌装机 AFM-SM Semi auto filling machines



AFM-SML 卧式气动液体灌装机
AFM-SML Horizontal pneumatic Liquid filling Machine



AFM-SMT 卧式气动膏液灌装机
AFM-SMT Horizontal pneumatic liquid & cream filling machine



AFM-SMV 立式气动膏液灌装机
AFM-SMV Vertical pneumatic liquid & cream filling machine



AFM-SMC 立式膏体灌装机
AFM-SMC Vertical paste filling machine



AFM-SMH 立式气动恒温膏体灌装机
AFM-SMH Vertical pneumatic constant temperature paste filling machine



AFM-SMP 睫毛膏灌装机
AFM-SMP Mascara filling machine



AFM-A01 手动灌装机
AFM-A01 Manual filling machine



AFM-A02 气动灌装机
AFM-A02 Pneumatic filling machine



AFM-SMK 新款口红灌装机
AFM-SMK New lipstick filling machine



AFM-SMD 半自动双头液体灌装机
AFM-SMD Semi-automatic double heads liquid filling machine

ADB 袋包装机 ADB Sachet bag packing machine



ADB-SL 液体袋包装机
ADB-SL Liquid sachet bag packing machine



ADB-SP 粉体袋包装机
ADB-SP Powder sachet bag packing machine



ADB-IS 异形袋包装机
ADB-IS Irregular Shaped Bag Packing Machine

面膜生产设备 Facial mask production equipment



面膜自动灌装机
Facial mask filling machine



折棉机
Cotton folding machine



在线检重机
Online check weighing machine

APM-QW 气雾剂灌装机 APM-QW Aerosol filling machine

ADB-AR 三合一气雾剂灌装机

该机由原半自动气雾剂灌装机经过改进，优化，集成而来。将半自动灌装，封口，充气三台机器安装在一个工作台上。只需一人操作脚踏阀一次即可同时完成所有动作。速度快，精度高，稳定性好，省时省力，是中小型气雾剂生产厂家的理想选择。

ADB-AR THREE-IN-ONE AEROSOL FILLING MACHINE

This machine is made from the former semi-automatic aerosol filling machine. It assembles the liquid filling, inflate and seal on the same table, it needs only one worker to operate it. It has high speed, high-accuracy and good stabilization. Good choice for the medium-sized and small-scale company.

主要技术参数 TECHNICAL PARAMETER

灌装容量 The filling capacity	30-500ml
灌装精度 Filling accuracy	≤ ± 1%
生产能力 Production capacity	800-1200 b/h
适用阀门 For the valve	1"



ADB-AR 三合一气雾剂灌装机
ADB-AR Triad Aerosol Filling Machine

AFS-SC 半自动灌装封尾机 AFS-SC Semi-auto filling & sealing machine



AFS-SP 复合管/软管灌装封尾机 AFS-SP Laminated / soft tube filling & sealing machine

适用于塑料管、复合管、铝管。

APPLIANCE PLASTIC TUBES,
COMPOSITE TUBES, ALUMINUM TUBES.

全自动完成供管、对标、充惰性气体(可选)、灌装、封尾、打码、成品导出全过程。调节部位外置、位置数位显示、调节快捷、准确(适用于多规格、多品种生产)。机、光、电、气一体化控制，实现无管不灌装，供管不到位、低气压、自动显示(报警)：打开防护门时能自动停机，等全功能。

Putting the tubes in the right position, filling the inert gas(optional), filling, sealing and labeling is full-automatically. Control button is in extraposition, make it easy and precise to adjust (applicable to the production of different sizes and different types). Machine, photo-electronics and Air pressure is integrated controlled. The filling would stop when without tubes. It will warn while the tubes are not in the right position and the working air pressure is low. The machine would stop once the protection door is opened.



主要技术参数 TECHNICAL PARAMETER

型号 Model: AUE-400L AUE-400F	灌装精度 Filling precision: ≤ 1%
软管直径 Tube diameter: Φ13-Φ60mm	生产能力 Capacity: 3600 tube/h 铝管 Aluminum tube 2400 tube/h 软管 Plastic tube
软管长度 Tube height: 50-250mm	压缩空气 Air pressure: 0.55-0.65mpa
灌装容量 Filling volume: 5-400ml/tube	电动机功率 Motor power: 2kw(380V/ 220V 50Hz)
热封功率 Heating power: 3kw	外形尺寸 Size: 2620mm x 1236 mm x 1980mm

AFS-SM 半自动铝管管封尾灌装机(自动对标) AFS-SM Semi Auto aluminum tube filling and sealing machine (automatic code aligning)

产品说明 PRODUCT INSTRUCTION

本机适用于铝管的灌装封尾，四道折边，封尾半靠美观。

It is suitable for filling and sealing aluminum tube, with 4 seams. The sealed end is firm and attractive.

主要技术参数 TECHNICAL PARAMETER

电源 Power Supply	380(220) V/50Hz
灌装量 Filling Quantity	10-50ml 50-100ml 100-200ml
计量精度 Dosage Precision	≤ ± 5% ≤ ± 3% ≤ ± 2%
生产能力 Capacity	30pos/min
可封管径 Tube Diameters Sealed	Φ16-Φ35mm
外形尺寸 Dimension(L x W x H)	1200 x 1000 x 1700mm
重量 Weight	220kg



APM-XG 旋盖机 APM-XG Capping machine series



APM-XG-H 全自动高速旋盖机
APM-XG-H Automatic high speed capping machine



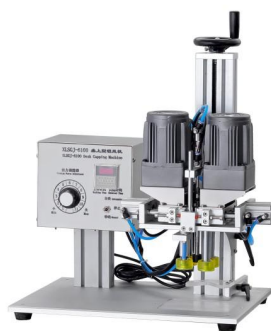
APM-XG-N 全自动旋盖机
APM-XG-N Automatic screw capping machine



APM-XG-SM 半自动旋盖机
APM-XG-SM Semi Auto screw capping machine



APM-XG-SV 气动锁盖机
APM-XG-SV Pneumatic capping machine

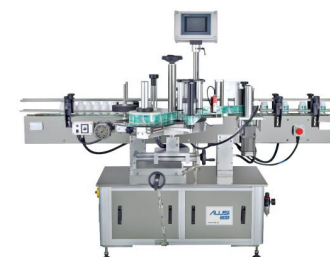


APM-XG-SC 半自动旋盖机
APM-XG-SC Semi auto screw capping machine

APM-LM 贴标机系列 APM-LM Labeling machine series



APM-LMD 全自动双侧面贴标机
APM-LMD Automatic Double-side labeling machine



APM-LMR 全自动圆瓶贴标机
APM-LMR Automatic round bottle labeling machine



APM-LMF 全自动平面贴标机
APM-LMF Automatic top labeling machine



APM-LMS 小圆瓶贴标机
APM-LMS Small round bottle labeling machine



APM-LM-SF 半自动扁瓶贴标机
APM-LM-SF Semi-automatic flat bottle labeling machine



APM-LM-SR 半自动圆瓶贴标机
APM-LM-SR Semi-automatic round bottle labeling machine



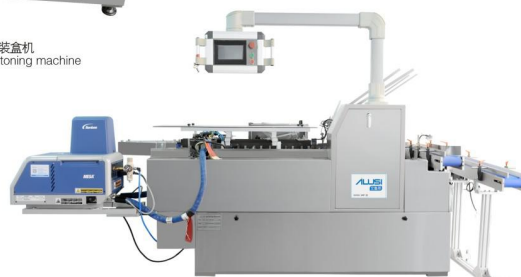
APM-LM-SRN 半自动圆瓶贴标机
APM-LM-SRN Semi-automatic round bottle labeling machine

APM-BZ 包装机 APM-BZ Packing machine

包装机系列



APM-BZH 自动装盒机
APM-BZH Automatic cartoning machine



APM-BZD 自动装盒机
APM-BZH Automatic cartoning machine



APM-BZL 型自动收缩膜机
APM-BZL type automatic shrink film machine



APM-BZS 全自动透明膜三维包装机
APM-BZS Automatic transparent film three-dimensional packing machine

GLF 封口机 GLF Sealing machine



APM-BZ-RS 热收缩膜机
APM-BZ-RS Infrared ray film shrinking machine



APM-BZ-ZS 蒸汽收缩膜机
APM-BZ-ZS Steam shrink film machine



GLF-A1800 自动电磁感应铝箔封口机
GLF-A1800 Automatic electromagnetism inductor aluminum foil sealing machine



APM-BZ-TS 热收缩膜机
APM-BZ-TS Infrared ray film shrinking machine



GLF-600 手持电磁感应铝箔封口机
GLF-600 Manual induction aluminum foil sealing machine



GLF-1800 自动电磁感应铝箔封口机
GLF-1800 Automatic electromagnetism inductor aluminum foil sealing machine



GLF-V 多功能自动塑料薄膜连续封口机
GLF-V Multi-function automatic plastic film continuous sealing machine



GLF-H 多功能自动塑料薄膜连续封口机
GLF-H Multi-function automatic plastic film continuous sealing machine

ACZ 彩妆设备(口红) ACZ Make-up equipment (Lipstick)



ACZ-3R 三辊研磨机
ACZ-3R Three-roller grinding mill



ACZ-JM 口红溶解锅
ACZ-JM Lipstick mixing tank



ACZ-FM-12 口红填充机
ACZ-FM-12 Lipstick filling machine



ACZ 口红冷冻机
ACZ Lipstick chiller



ACZ口红脱模机
ACZ Lipstick stripper machine



ACZ-SFM 半自动口红灌装机
ACZ-SFM Semi auto lipstick filling machine

AFT 粉体设备 AFT Powder equipment



AFT-VM 型混合机
AFT-VM Type mixer



AFT-TM 槽形混合机
AFT-TM Trough type mixer



AFT-AP 自动压粉机
AFT-AP Auto powder pressing machine



AFT-SP 实验室 压粉机
AFT-SP Small powder press machine



AFT-CP 半自动压粉机
AFT-CP Semi-auto powder press machine



AFT-PH 三轴搅拌均质机
AFT-PH Three-axis powder homogenizing mixer



AFT-FP 粉体灌装机
AFT-FP Powder filling machine



AFT-PS 筛粉机
AFT-PS Powder sieving machine

ATS 变频调速输送流水线 ATS VFD Conveyor belt

ATS-PD 皮带输送流水线 ATS-PD VFD Belt conveyor

皮带输送机是经济型的输送设备，适用于输送100kg以下的物品或粉状、颗粒状物料，具有运行平稳、噪音低、连续输送、外形美观的特点。皮带输送机除可以输送普通的物料外，还可以满足耐油、耐热、耐腐蚀、防静电等特殊物料输送。

The belt conveyor is an economic conveying device, which is suitable for conveying powder and granule materials below 100kg. It has such features as stable operation, low noise, continuous conveying and beautiful appearance etc. In addition to conveying ordinary materials, the belt conveyor can also convey oil-resistant, heat-resistant, anticorrosive and anti-static special materials.



ATS-LB 防爆玻璃链板输送流水线 ATS-LB EX Glass chain conveyor

链板输送机的输送面平坦光滑，摩擦力小，物料在输送线之间的过渡平稳，可输送各类玻璃瓶、PET瓶、易拉罐等物料，也可输送各类箱包。链板有不锈钢和工程塑料等材质，也可采用联接于牵引链上的各种结构和形式的平板或鳞板等承载构件来承托和输送物料。

The conveying surface of the chain scraper conveyor is flat and smooth with small friction. The transition of materials between the conveying lines is stable. It can be used to convey various glass bottles, PET bottles and pop cans etc. materials, as well as various luggage and baggage. The chain scraper can be made of stainless steel and engineering plastic materials. The flat plates or dissepiments of various structures and forms connecting the traction chain can be used as supporting components to support and convey materials.



ATS-DZ 定制流水线
ATS-DZ Customize conveyor

ATS-JP 夹瓶/喷码输送机
ATS-JP Bottle nipping/Printing conveyor

ALS-BW 洗瓶机 ALS-BW Bottle washing machine



采用人工上瓶，间歇式定位内外冲洗，两道水洗，一道气吹，保证高压水柱和压缩空气准确喷入瓶内，水洗第一道采用自来水，第二道采用纯水（纯水配有水箱，可循环利用），第三道采用气吹，用来吹干水滴，提高烘干效率。

Bottles are placed to this machine by hand, batch located and both inside and outside washed. In this machine, bottles will be washed twice by water and once by air. The machine could guarantee high pressure water column and compressed air jet into bottles precisely. Bottles will be first washed by normal clean water, then by pure water (Pure water will be stocked in a water tank and recycled), at last by compressed air which could blow droplet off the bottle and enhance the efficiency of bottle dry.

基本参数 BASIC PARAMETERS

冲瓶头数 Washing heads: 48头(pcs)
工作效率 Capacity: 2000-3000瓶/小时(bottles/hour)
电机功率 Power: 1.5kW/220V
适用瓶高 Suitable Bottle Height: 50-150mm
适用瓶径 Suitable Bottle Dia: 25-80mm
用水量 Water Consumption: 1.5 m³/h
冲瓶压力 Working Pressure: 0.2-0.4 MPa
外型尺寸 Machine Size: 2700 x 670 x 1180(mm) (L x W x H)

ALS-HX 热风循环烘箱 ALS-HX Hot air drying oven



该系列产品全部采用轴流风机，配备了自动恒温温度控制系统，并备有电脑控制系统以供选择。其工作原理是利用蒸汽或电力热源，通过换热器加热空气，以轴流风机为动力，使热物料含湿量降低，达到干燥目的。

The series of products completely adopt axial fan equipped with automatic constant temperature control system, which is provided with computer control system for option. The working principle is to make use of the steam or electric heat source, through heating the air by heat exchanger and adopting the axial fan as the driving power, the moisture content of hot materials is reduced so as to realize the purpose of drying.

主要技术参数 TECHNICAL PARAMETER

型号 Model	蒸发面积 Evaporating area	加热功率 Heating power	风机功率 Fan power
	m ²	kw	kw
ALS-100(单门)	7	9	0.45
ALS-200(双门)	14	15	0.45

热源系列 Heat source series

辅助设备系列



GL 型电锅炉是通过电加热管使集水箱的水沸腾，对流产生蒸汽并通过联进入蒸气室。

GL Type electric generator is to boil water in the container by the electric tube, thus cause stream and convey stream into stream cabinet.

功率 Power (kw)	额定蒸发量 Rated Evaporation Capacity(t/h)	额定蒸汽压力 Rated Steam Pressure(Mpa)	适用电压 Voltage (V)	运输尺寸 Packing Dimension(cm)
4	6	0.4-0.7	220/380	48x32x60
6	8	0.4-0.7	220/380	50x35x68
9	12	0.4-0.7	220/380	55x35x80
12	16	0.4-0.7	380	55x38x80
18	24	0.4-0.7	380	58x45x110
24	32	0.4-0.7	380	58x45x110
36	50	0.4-0.7	380	70x50x130
45	65	0.4-0.7	380	70x50x130
60	85	0.4-0.7	380	80x60x145
72	108	0.4-0.7	380	85x70x145

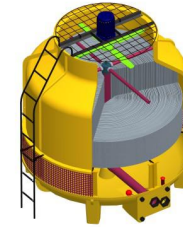


GL 型燃油锅炉是上下集箱将两端收口的垂直水管排列成环状，烟气均衡地在排列的水管群中上下回旋，然后流向烟筒。

GL Type fuel generator is to put the vertical pipes on both ends in a ring type, flue gas goes up and down in pipe groups and then flows towards the flue tube.

型号 Model	GL0.1-0.7-Y(Q)	GL0.15-0.7-Y(Q)	GL0.2-0.7-Y(Q)	GL0.3-0.7-Y(Q)	GL0.3-0.7-Y(Q)
额定蒸发量(t/h) Rated evaporation capacity	0.1	0.15	0.2	0.3	0.5
额定蒸汽压力(Mpa) Rated steam pressure	0.7	0.7	0.7	0.7	0.7
额定静蒸汽温度(°C) Rated static steam temperature	170	170	170	170	170
给水温度(°C) Feed-water temperature	20	20	20	20	20
受热面积(m²) Heating area	3.12	4.55	6.25	8.57	13.158
水容量(m³) Water capacity	0.199	0.225	0.248	0.34	0.68
适用燃料 Applicable fuel	轻柴油/天然气 Natural gas				
燃料消耗量(g/h) Fuel consumption	8.1	10.1	15.5	20.8	34.6
耗气量(Nm³/h) Gas consumption	8.9	13.4	17.1	25.1	41.7
排烟温度(°C) Exhaust temperature	260	255	255	250	250
电功率(kw) Power	1.0	1.15	2.5	2.5	2.85

循环水冷却系统 Circulating water cooling system



冷却塔
Cooling water tower

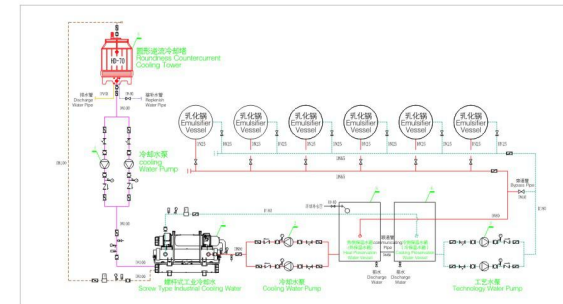


螺杆式冷冻机组
Screw type freezing unit



水冷螺杆箱式一体机
Water cooling screw box type integral unit

循环水冷却系统流程图 CIRCULATING WATER COOLING SYSTEM FLOWCHART



技术参数 TECHNICAL PARAMETER

序号 No.	物料量 (吨) Material volume	单位处理量 (吨/小时) Unit disposing capacity(T/H)	初始温度 (°C) Initial temperature	最终温度 (°C) Final temperature	降温温差 (°C) Dropping temperature difference	计算冷负荷 (kw) Calculated cold load	富裕系数 (1.30) Affluence coefficient	设计冷量 (kw) Designed cooling capacity
1	1.00	1.00	80.00	30.00	50.00	58.15	1.30	1.30
2	2.00	2.00	80.00	30.00	50.00	116.30	1.30	1.30
3	3.00	3.00	80.00	30.00	50.00	174.45	1.30	1.30
4	4.00	4.00	80.00	30.00	50.00	232.60	1.30	1.30
5	5.00	5.00	80.00	30.00	50.00	290.75	1.30	1.30

作用：出水最低温度可7℃，能够快速使物料冷却，并能很好的保证物料的光泽度，特别是针对洗涤及膏霜类产品的冷却；
 智能：用智慧型微电脑触摸屏集中控制系统，可与各水泵联动，并预留冷却塔启动电路，全方位监控机组运行；
 高效：先进的高效螺杆压缩机匹配优质冷凝器与蒸发器。所有产品通过国家级检测系统测试，符合国家标准；
 安全：具备多种机组运行安全保护措施，保证机组运行及客户使用安全；
 美观：机组设计为一体式，外型美观；
 可靠：性能稳定、噪音低、使用寿命长。

Function: The lowest output water temperature can be 7℃ to cool the materials rapidly and guarantee the material luster. Especially for cooling products such as detergent and ointment, etc.
 Intelligence: The intelligent microcomputer touch screen integrated control is adopts. It can link to various water pumps the cooling tower starting circuit is reserved to monitor the unit operation in an all-round way.
 High efficiency: The advanced high efficiency screw compressor is equipped with high quality condenser and evaporator. All the products have passed the test by national inspection system which can meet to national standard.
 Safety: It is provided with safety protection measures to ensuring the machine operation and safe use by customers.
 Beautiful appearance: The unit adopts integral design with beautiful appearance.
 Reliability: With stable performance, low noise and long service life.

实验室设备 Laboratory equipment

配套设备 Ancillary facility

辅助设备系列



JRJ-300 均质机
JRJ-300 Homogenizer



FJ-200 均质机
FJ-200 Homogenizer



BME-100 均质机
BME-100 Homogenizer



分散机
Dispenser



NDJ 粘度计
NDJ Viscometer



均质机
Homogenizer



电导率仪
Conductivity meter



酸度计
PH Meter



分析天平
Analytical balance



喷码机
Inkjet printing machine



激光打码机
Laser printer



喷码机
Inkjet printing machine



小型字符喷码机的油墨盒
Oil & Solvent



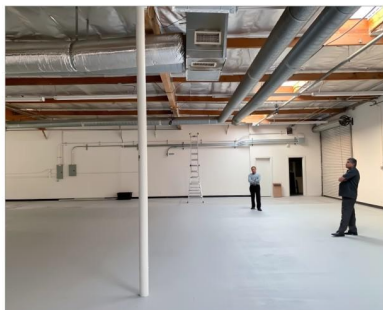
螺杆空压机
Screw air compressor



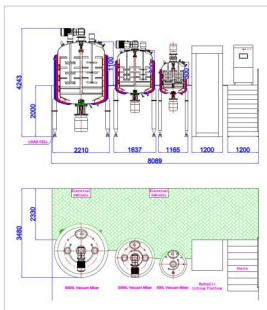
静音空压机
Oil-free air compressor

工程定制流程 Engineering customization process

1 实地考察
Field trips



2 确认设计
Confirm design



3 签订合同
Signing the contract



4 生产制造
Manufacturing



5 工厂验收
Factory acceptance



6 熏蒸包装
Fumigation packaging



7 装柜运输
Container transportation



8 海外安装
Overseas installation



9 调试验收
Adjustment test



10 记录保存
Record saving

