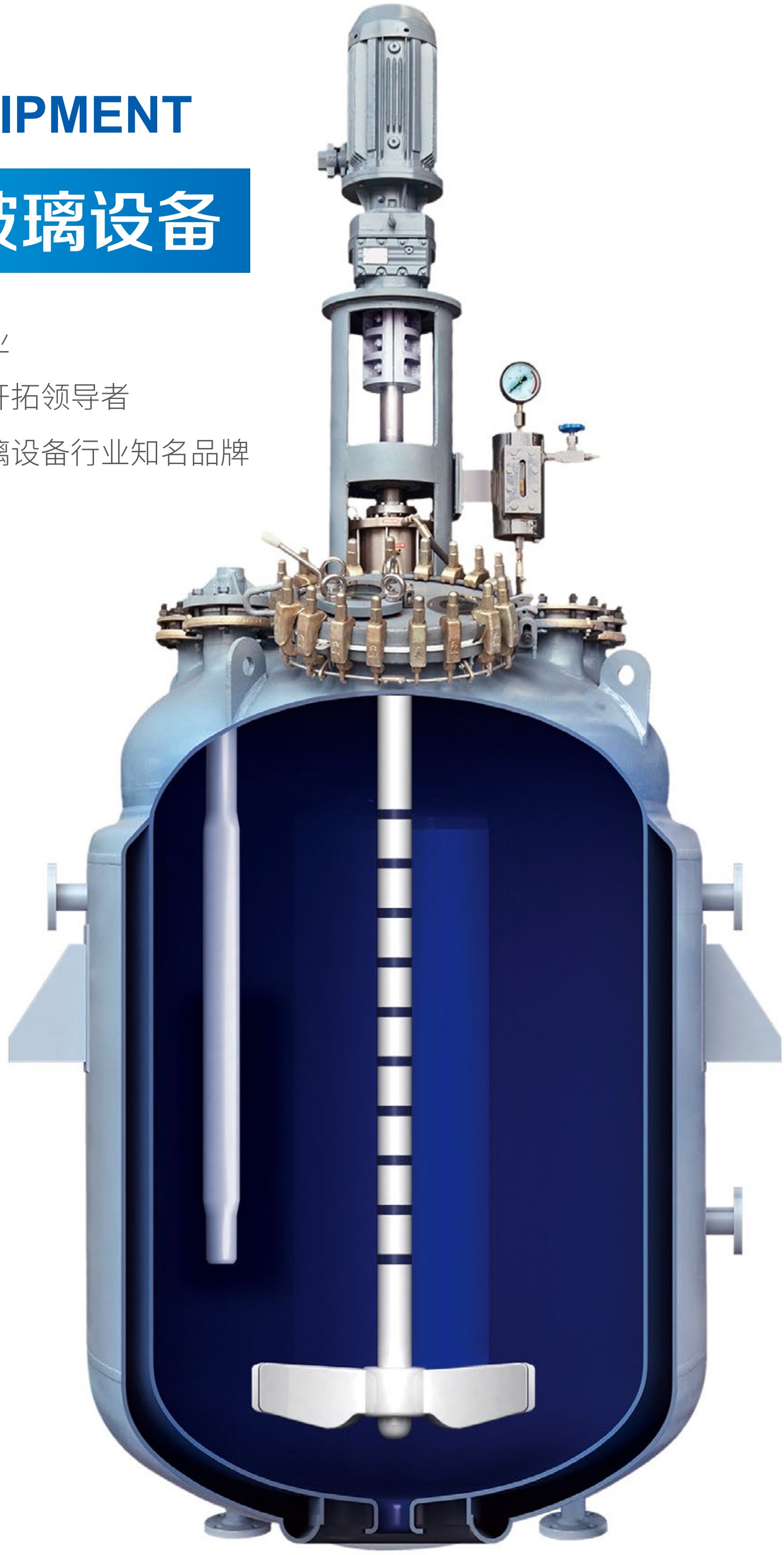
CHINA TAIJI
GLASS-LINED EQUIPMENT

中国 · 太极搪玻璃设备

太极，中国专业搪玻璃设备生产企业

太极，中国大型高品质搪玻璃设备开拓领导者

太极，农药、制药、化工领域搪玻璃设备行业知名品牌



淄博太极工业搪瓷有限公司

ZIBO TAIJI INDUSTRIAL ENAMEL CO.,LTD.

太极搪玻璃设备

一切工作让用户满意

All work satisfies users

亲爱的太极同仁：

请您牢记要对你自己所做的每一项工作负责。每一个细节都要让用户满意，让太极管理者满意。

果因为你的工作不认真，使用户在使用产品过程中出现质量问题，或是外表制造不美观，或是服务令人不满意，那么你就不是一个合格的太极员工。

如果你只是一个辅助工作者，那么你也应该对自己的一切工作质量负责。都要做到遵规守纪，不损坏物品，不浪费物品，处处维护太极利益，争取用最少的成本生产出最好的产品，保质保量地完成上级交给的工作任务。要知道善恶有应的道理，做一名德才兼备的太极员工。也同时成为一名仁爱之士，成为对社会有益对人民有益的中国公民。

董事长：傅光胜

Dear TAIJI colleagues:

Please remember to take responsibility for every task you do.

Every details should satisfy users and TAIJI managers. If your work is not serious enough, resulting in quality issues, unsightly appearance, or unsatisfactory service during product using, then you are not a qualified TAIJI employee.

If you are just an auxiliary worker, then you should also be responsible for the quality of all your work. We must abide by rules and regulations, not damage or waste items, safeguard the interests of TAIJI in every aspect, strive to produce the best products with the least cost, and complete the work tasks assigned by superiors with quality and quantity. To understand the principle that good and evil should be matched, be a TAIJI employee with both moral integrity and talent. At the same time, become a compassionate person and a Chinese citizen who benefits society and the people.

President : Fu Guangsheng

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01 公司简介
Company Profile

CHINA TAIJI GLASS-LINED EQUIPMENT 太极，中国专业搪玻璃设备

淄博太极工业搪瓷有限公司是目前国内专业从事搪玻璃反应釜、搪玻璃储罐等搪玻璃设备及氟塑料设备研发、制造及销售为一体的制造型企业。先后被认定为“山东省专精特新企业”、“山东省瞪羚企业”、“山东省高新技术企业”。注册资金11900万，总占地面积超500余亩，生产车间超19万平米，净资产超20亿元，年生产搪玻璃设备超3万台。公司拥有太极搪玻璃设备厂、太极大型高端搪玻璃机械装备厂、太极氟塑料设备厂、太极特材装备及搪玻璃配件厂四大厂区。

太极公司作为中国搪玻璃行业龙头企业，其制造工艺、生产管理及生产装备在行业中均遥遥领先，搪玻璃设备产量及销量连续十八年在全国位居首位。太极公司以人为本，单用于职工的居住生活投入已超3亿，使工者有其房，家人生活及孩子上学等一切便利，员工安心投入工作，产品质量才有保障。太极公司拥有数十项搪玻璃设备生产专利技术及多项氟塑料设备生产专利，其中有发明型专利3项，多项技术填补国内空白，同时拥有美国ASME认证、欧洲PED认证、俄罗斯RTN认证及ISO三大国际体系认证，太极搪玻璃设备荣获“山东名牌”称号。太极公司作为中国搪玻璃行业十强企业，先后3次起草制定《搪玻璃设备》国家标准。作为中国化工装备协理事单位，已连续多年被授予中国化工装备行业“突出贡献单位称号”及数百项荣誉资质。

“人品决定产品，产品反映人品”，太极搪玻璃设备以优质的产品和热情的服务，赢得市场，产品畅销全国各地，并已远销美国、俄罗斯、法国、德国、英国、巴西、拉脱维亚、印度、埃及、南非、阿根廷、智利、土耳其、希腊、西班牙、意大利、泰国、韩国、日本等五十多个国家和地区。

勤劳热情的太极人，真诚欢迎国内外新老客户朋友们来公司实地考察洽谈合作，祝君吉祥安康，工作顺利。


太极大型高端搪玻璃机械装备厂


太极氟塑料设备厂


太极特材装备及搪玻璃配件厂

太极搪玻璃设备厂

Zibo Taiji Industrial Enamel Co., Ltd.(TAIJI) is a manufacturing enterprise specializing in the research and development, manufacturing, and sales of enamel equipment such as enamel reaction vessels, enamel storage tanks, and fluoroplastic equipment in China. It has been recognized as a "specialized, refined, unique, and new enterprise in Shandong Province", "gazelle enterprise in Shandong Province", and "high-tech enterprise in Shandong Province". The registered capital is 119 million yuan, with a total area of over 500 acres, a production workshop of over 190000 square meters, net assets of over 2 billion yuan, and an annual production of over 30000 glass lined equipment. The company has four major factories: TAIJI Glass Enamel Equipment Factory, TAIJI Large High end Glass Enamel Machinery Equipment Factory, TAIJI Fluoroplastic Equipment Factory, TAIJI Special Materials Equipment and Glass Enamel Parts Factory.

As a leading enterprise in China's enamel glass industry, TAIJI Company is far ahead in manufacturing technology, production management, and production equipment. The production and sales of enamel glass equipment have been ranked first in the country for 18 consecutive years. TAIJI Company is people-oriented and has invested over 300 million yuan solely for the living and living of its employees, providing them with convenient housing, family life, and children's education. Only when employees can work with peace of mind can product quality be guaranteed. TAIJI Company has dozens of patented technologies for the production of enamel glass equipment and multiple patents for the production of fluoroplastic equipment, including 3 invention patents. Multiple technologies have filled domestic gaps, and it also has three major international system certifications: ASME certification in the United States, PED certification in Europe, RTN certification in Russia, and ISO certification. TAIJI enamel glass equipment has been awarded the title of "Shandong Famous Brand". As one of the top ten enterprises in China's enamel glass industry, TAIJI Company has drafted and formulated national standards for enamel glass equipment three times. As a member unit of the China Chemical Equipment Association, it has been awarded the title of "Outstanding Contribution Unit" and hundreds of honorary qualifications in the Chinese chemical equipment industry for consecutive years.

"Character determines the product, and the product reflects the character". TAIJI glass lining equipment has won the market with its high-quality products and enthusiastic services. Its products are sold all over the country, and have been exported to more than 50 countries and regions, including the United States, Russia, France, Germany, Britain, Brazil, Latvia, India, Egypt, South Africa, Argentina, Chile, Türkiye, Greece, Spain, Italy, Thailand, South Korea, Japan, etc.

Diligent and enthusiastic TAIJI people sincerely welcome new and old customers from both domestic and foreign countries to visit the company for on-site inspection and cooperation negotiations. Wishing you good luck, good health, and smooth work.

02 资质证书及荣誉
Qualification certificate

OUR HONOR

03 技术专利（侵权必究）
Patent Technology (all rights reserved)

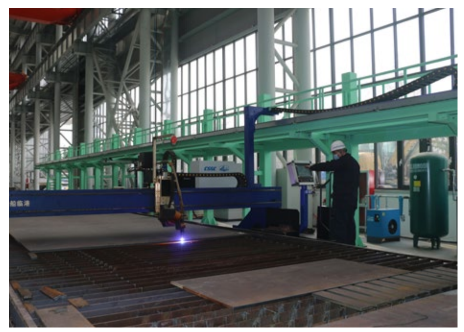
- **内热式电加热装置**
  UTILITY MODEL TITLE: INTERNAL HEATING TYPE ELECTRIC HEATER UNIT
  专利号：ZL 99 2 4660.4
- **防表面氧化搪玻璃设备**
  UTILITY MODEL TITLE:THE PREVENTING SURFACE OXIDATION TYPE THE GLASS LINED EQUIPMENT
  专利号：ZL 99 2 4757.5
- **防腐搪玻璃设备**
  UTILITY MODEL TITLE: CORROSION PROTECTION GLASS LINED EQUIPMENT
  专利号：ZL 99 2 4746.2
- **耐压耐温搪玻璃设备**
  UTILITY MODEL TITLE:PROOF PRESSURE AND PROOF TEMPERATURE TYPE GLASS LINED EQUIPMENT
  专利号：ZL 99 2 4747.0
- **活动式搪玻璃设备烧成炉**
  UTILITY MODEL TITLE:THE ACTIVITY TYPE FURNACE FOR GLASS LINING QUIPMENT
  专利号：ZL 00 2 1415.3
- **搪玻璃设备烧成气炉**
  UTILITY MODEL TITLE:THE GAS FURNACE OF GLASS LINED EQUIPMENT
  专利号：ZL 00 2 1300.4
- **搪玻璃过滤机**
  UTILITY MODEL TITLE: GLASS LINED FILTER
  专利号：ZL 00 2 1301.2
- **连通式搪玻璃设备烧成炉**
  UTILITY MODEL TITLE: COMMUNICATION TYPE FURNACE OF GLASS LINED EQUIPMENT
  专利号：ZL 00 2 1503.X
- **防腐搪玻璃设备**
  UTILITY MODEL TITLE:CORROSION PROTECTION GLASS LINED EQUIPMENT
  专利号：ZL 00 2 1502.1
- **搪玻璃设备烧成炉**
  UTILITY MODEL TITLE:THE FURNACE OF GLASS LINED EQUIPMENT
  专利号：ZL 00 2 1591.8
- **一种管板精准定位的碳化硅换热器**
  A SILICON CARBIDE HEAT EXCHANGER WITH PRECISE POSITIONING OF TUBE PLATES
  专利号：ZL 2022 2 0526255.1
- **搪玻璃罐卡模具**
  DESIGN TITLE:THE CLAMP DIE ASSEMBLY OF GLASS LINED EQUIPMENT
  专利号：ZL 00 3 1268.8
- **一种钢衬四氟管**
  A STEEL LINED PTFE PIPE
  专利号：ZL 2021 2 2441937.0
- **一种碳化硅换热器**
  A SILICON CARBIDE HEAT EXCHANGER
  专利号：ZL 2022 2 0513419.7
- **一种碳化硅换热器的自适应螺塞及管板密封结构**
  ADAPTIVE PLUG AND TUBE PLATE SEALING STRUCTURE FOR A SILICON CARBIDE HEAT EXCHANGER
  专利号：ZL 2022 2 0513431.8
- **防腐搪玻璃设备**
  UTILITY MODEL TITLE:CORROSION PROTECTION GLASS LINED EQUIPMENT
  专利号：ZL 01 2 3671.0
- **高温喷涂枪**
  UTILITY MODEL TITLE:PYROLYTIC COATING GUN
  专利号：ZL 01 2 3669.9
- **搪玻璃设备烧成炉**
  UTILITY MODEL TITLE:THE FURNACE OF GLASS LINED EQUIPMENT
  专利号：ZL 01 2 6105.7
- **化工设备吊烧架**
  UTILITY MODEL TITLE:THE HANGING BURNS RACK OF CHEMICAL EQUIPMENT
  专利号：ZL 01 2 6941.7
- **一种带有氮气保护箱的管道在线取样阀**
  A PIPELINE ONLINE SAMPLING VALVE WITH NITROGEN PROTECTION BOX
  专利号：ZL 2022 2 0640016.9
- **碳化硅换热器管板的密封结构**
  SEALING STRUCTURE OF SILICON CARBIDE HEAT EXCHANGER TUBE PLATE
  专利号：ZL 2022 2 0527057.7
- **燃气喷枪嘴**
  UTILITY MODEL TITLE:FIRE GASES SPRAY GUN MOUTH
  专利号：ZL 01 2 6227.3
- **搪玻璃U型管换热器**
  UTILITY MODEL TITLE: GLASS LINED U-TUBE TYPE HEAT EXCHANGER
  专利号：ZL 02 2 1345.7
- **带真空罐手动取样系统**
  MANUAL SAMPLING SYSTEM WITH VACUUM TANK
  专利号：ZL 2022 2 1426474.9
- **搪玻璃设备烧成炉**
  UTILITY MODEL TITLE:THE FURNACE OF GLASS LINED EQUIPMENT
  专利号：ZL 00 2 1595.0
- **用于搪玻璃反应釜内筒焊接的焊接装置**
  WELDING DEVICE FOR WELDING THE INNER CYLINDER OF A GLASS LINED REACTOR
  专利号：ZL 2022 1 1496373.3
- **烟气、粉尘净化装置**
  UTILITY MODEL TITLE:FUME, ASH DECONTAMINATION PLANT
  专利号：ZL 00 2 4785.9
- **活套法兰模具**
  UTILITY MODEL TITLE: DIE ASSEMBLY OF LOOSE FLANGE
  专利号：ZL 00 3 4006.1
- **喷砂装置**
  UTILITY MODEL TITLE:SPRAY SAND EQUIPMENT
  专利号：ZL 02 2 1438.2
- **反应釜用搪瓷釉及其制备方法**
  ENAMEL GLAZE FOR REACTION KETTLE AND ITS PREPARATION METHOD
  专利号：ZL 2022 1 1459876.3
- **整体式搪玻璃设备烧成炉**
  UTILITY MODEL TITLE:THE INTEGRAL TYPE FURNACE OF GLASS LINED EQUIPMENT
  专利号：ZL 02 2 7091.0
- **搪玻璃设备烧成炉炉墙**
  UTILITY MODEL TITLE:THE WALL OF FURNACE OF GLASS LINED EQUIPMENT
  专利号：ZL 02 2 8091.1
- **搪玻璃设备烧成车**
  UTILITY MODEL TITLE:THE FURNACE TRANSPORTER OF GLASS LINED EQUIPMENT
  专利号：ZL 02 2 8071.0
- **多件搪玻璃设备吊烧炉**
  UTILITY MODEL TITLE:HANGING BURNT FURNACE FOR MULTIPLE GLASS LINED EQUIPMENT
  专利号：ZL 02 2 9092.8
- **搪玻璃设备烧成地下炉**
  UTILITY MODEL TITLE:THE UNDERGROUND TYPE FURNACE OF GLASS LINED EQUIPMENT
  专利号：ZL 02 2 8097.6
- **搪玻璃列管换热器**
  UTILITY MODEL TITLE:GLASS LINED SHELL AND TUBE TYBE HEATING EXCHANGER
  专利号：ZL2009 2 0026867.9
- **高效防腐搪玻璃加料管**
  UTILITY MODEL TITLE:GLASS LINED DIP PIPE CORROSION
  专利号：ZL2009 2 0026865.X
- **搪玻璃过滤机**
  UTILITY MODEL TITLE:GLASS LINED FILTER
  专利号：ZL2009 2 0026868.3
- **卧式气、手动测温放料阀**
  UTILITY MODEL TITLE:BOTTOM FLUSH VALVE WITH TEMP. SENSOR
  专利号：ZL2009 2 0026866.4

■注意: 为保密专利号变动一位数字。检举侵权者，给予重奖。
■NOTE: IN ORDER TO KEEP SECRET, THE PATENT NUMBER CHANGES ONE NUMERAL.
WE WILL GIVE AMPLE REWARDS TO PEOPLE WHO REPORT THE NAME OF PIRATE.

04 生产车间及装备
Production workshop and equipment

搪玻璃设备专用钢板库
Special steel plate warehouse for glass lined equipments

激光切割机精准下料
Advanced laser cutting machine

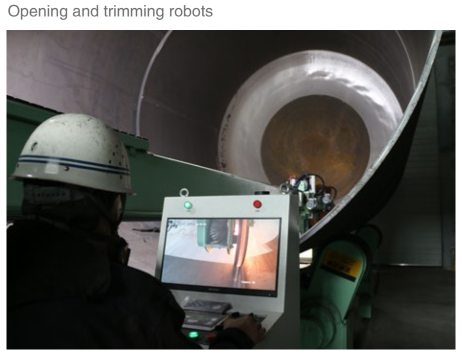


等离子切割机
Plasma cutting machine

开孔、切边机器人
Opening and trimming robots

人孔盖焊接机器人
Manhole cover welding robot

环缝焊接
Circumferential welding

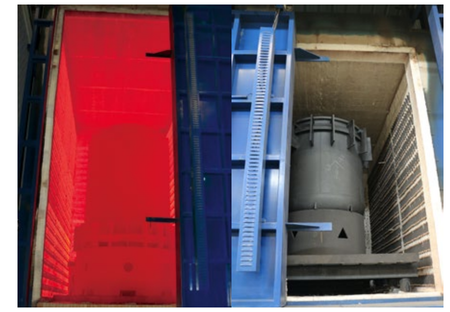


智能可视化磨光机
Intelligent visual polishing machine

大型搪玻璃设备毛胚制做
Large scale glass lined equipment rough embryo production

大型搪玻璃设备喷涂烧成
Spraying and firing of large glass lined equipment

烧成炉智能温控系统
Intelligent temperature control system for firing furnace



立式可控温烧成电炉
Vertical controllable temperature firing electric furnace

大型可控温烧成电炉
Large controllable temperature firing electric furnace

大型设备组装平台
Large scale equipment assembly platform

大型搅拌调试平台
Large scale mixing and debugging platform

搅拌烧成车间
Agitator producing workshop

氯甲烷合成釜
Chloromethane synthesis glass lined reactor

大型高端搪玻璃设备生产车间
Large scale glass lined equipment producing workshop

GMP 外包不锈钢搪玻璃设备生产车间
Glass lined equipment producing workshop in GMP standard

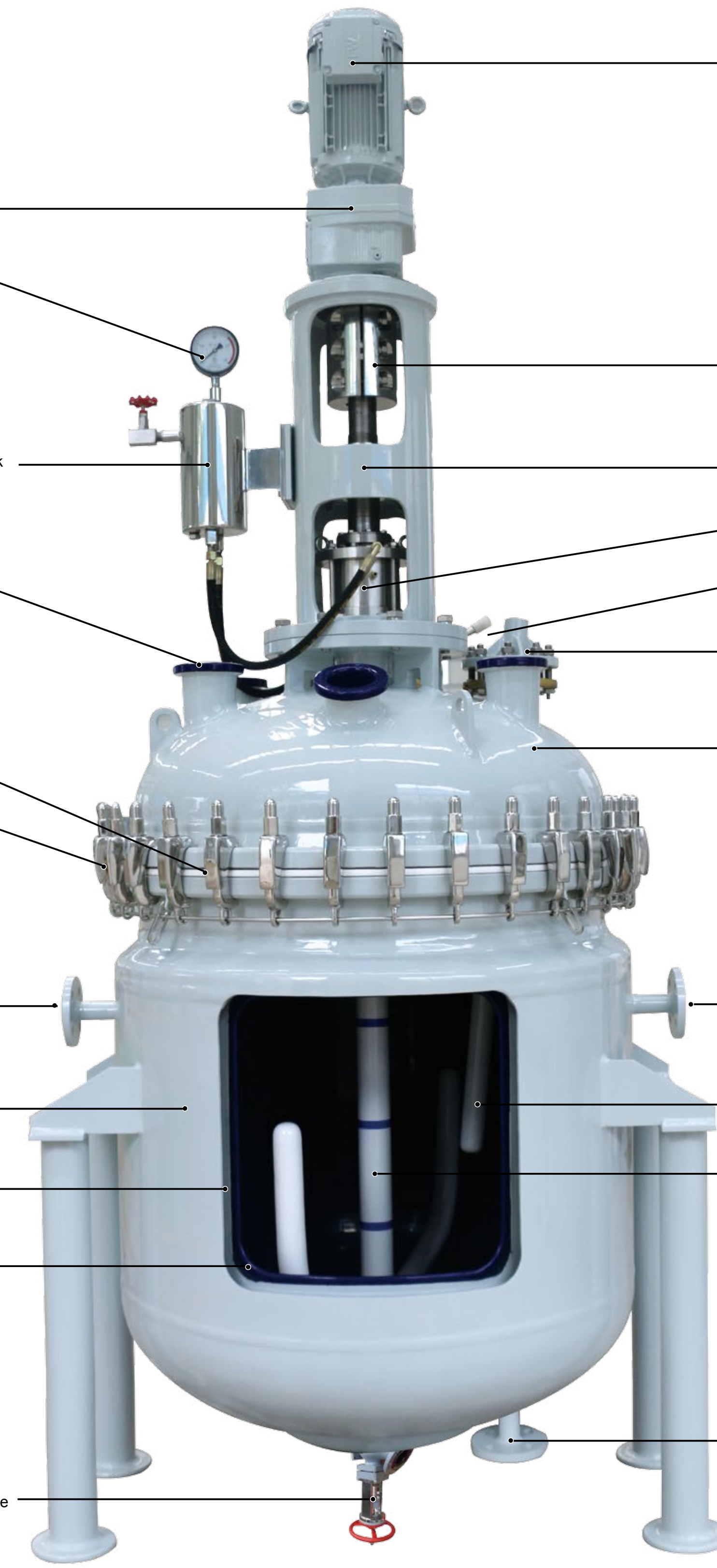
太极搪玻璃反应釜试运行检测

CHINA TAIJI
GLASS-LINED EQUIPMENT

05 主要产品
Main Products

中国·淄博·太极搪玻璃设备

搪玻璃反应罐剖面图
Sectional Elevation Of TaiJi Reactor



太极搪玻璃设备实物图
Glass-Lined Equipments

开式搪玻璃反应罐
K Type Glass-Lined Reactors

闭式搪玻璃反应罐
F Type Glass-Lined Reactors

全闭式搪玻璃反应罐
Q Type Glass-Lined Reactors

开式搪玻璃贮罐
K Type Glass-Lined Storage Tanks

带夹套卧式搪玻璃储罐
Horizontal glass-lined tanks with jacket

闭式搪玻璃贮罐
F Type Glass-Lined Storage Tanks

卧式搪玻璃贮罐
Horizontal Glass-Lined Storage Tanks

电加热搪玻璃反应罐
Glass-Lined Reactors With Electric Heating

太极搪玻璃设备实物图
Glass-Lined Equipments

搪玻璃过滤机
Glass-Lined Filters

冷冻拆装式搪玻璃搅拌器
Frozen Assembly Glass-Lined Agitators

不锈钢过滤机
Stainless Steel Filters

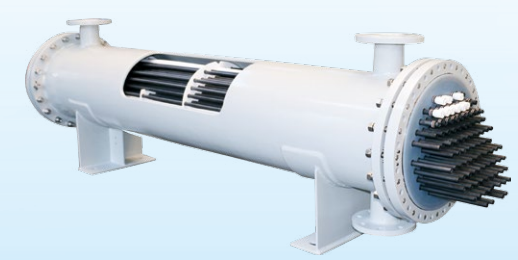
搪玻璃塔器
Glass-Lined Columns

GMP 搪玻璃设备
Stainless Steel Equipments Complying With GMP

GMP 搪玻璃设备
Stainless Steel Equipments Complying With GMP

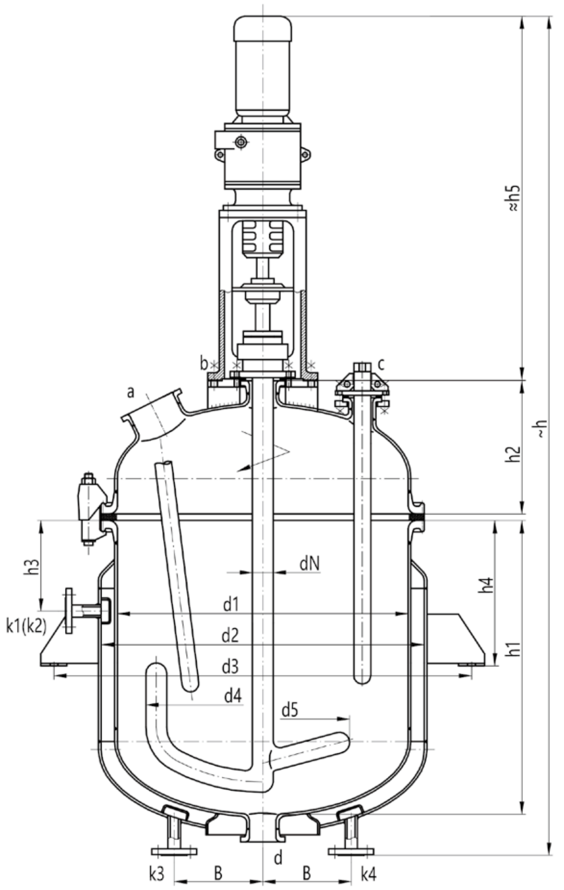
搪玻璃管件
Glass-Lined Pipes And Fittings

外半管内盘管搪玻璃反应釜
Glass lined reaction vessel with outer half tube and inner coil tube



碳化硅换热器
Silicon Carbide Heat Exchanger

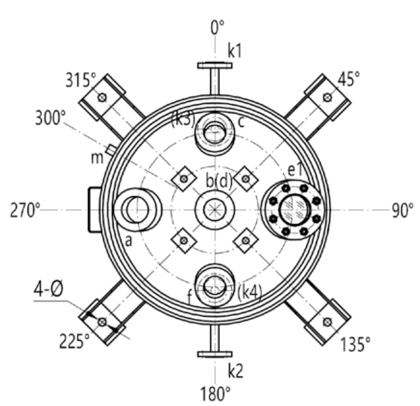
搪玻璃开式搅拌容器
K Type Glass-Lined Reactors



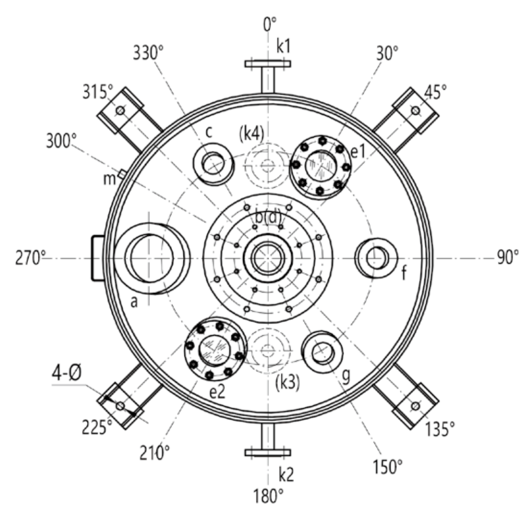
K50-500L

	罐内 Inner Vessel	夹套 Jacket
设计压力 MPa Design Pressure	0.4	0.6
设计温度 ℃ Design Temperature	-19~200	-19~200

符号 Symbol	用途 Usage
a	手孔口 Handhole
b	搅拌口 Agitator Hole
c	温度计口 Thermowell Pocket
d	放料口 Medium Outlet
e1,e2	视镜口 Sightglass
f,g	备用口 Spare
k1,k2,k3,k4	夹套进（出）口 In/Outlet
m	排气口 Vent Hole



K50-100L



K200-500L

单位(Unit):mm

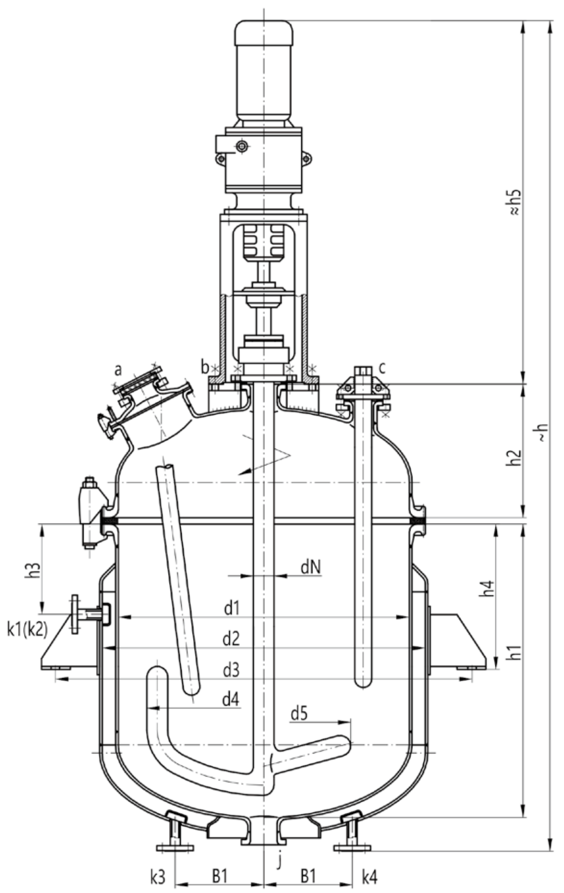
规格 Specifications		K 50	K 100	K 200	K 300	K 500
公称容积 Nominal Capacity	L	50	100	200	300	500
全容积 Total Capacity	L	104	180	338	483	743
计算容积（注1） Calculate Capacity(Notes1)	L	71	128	247	369	588
夹套容积 Jacket Capacity	L	21	32	57	92	130
换热面积 Heat Exchange Area	m^2	0.53	0.85	1.26	1.75	2.64
参考重量 Reference Weight	kg	310	380	595	795	985
主要尺寸 Main Dimension	d1	500	600	700	800	900
	d2	600	700	800	900	1000
	d3（注2）	872	987	1087	1188	1288
	d4	420	520	620	720	810
	d5	300	300	400	500	500
	h1	400	500	700	800	1000
	h2	280	310	355	390	415
	h3	220	250	270	280	280
	h4	300	340	370	390	400
	h	1800	1920	2450	2725	2955
	B	250	250	250	250	270
	Φ	24	24	24	24	24
罐体管口公称直径 Nozzle DN	a	80	80	125	125	150
	b	65	65	100	100	100
	c	65	65	65	65	65
	d	65	65	80	80	80
	e1	65	65	65	65	80
	e2	/	/	65	65	80
	f	65	65	80	80	100
	g	/	/	65	65	125
夹套管口公称直径 Jacket Nozzle DN	k1	20	20	25	25	32
	k2	20	20	25	25	32
	k3	20	20	25	25	32
	k4	20	20	25	25	32
	m	G3/8″	G3/8″	G3/8″	G3/8″	G3/8″
驱动装置（注3） Drive	dN	40	40	50	65	65
	h5	980	980	1250	1400	1400

注 1. 计算容积：高颈法兰以下部分的容积。
Calculate Capacity: Volume under highneck flange

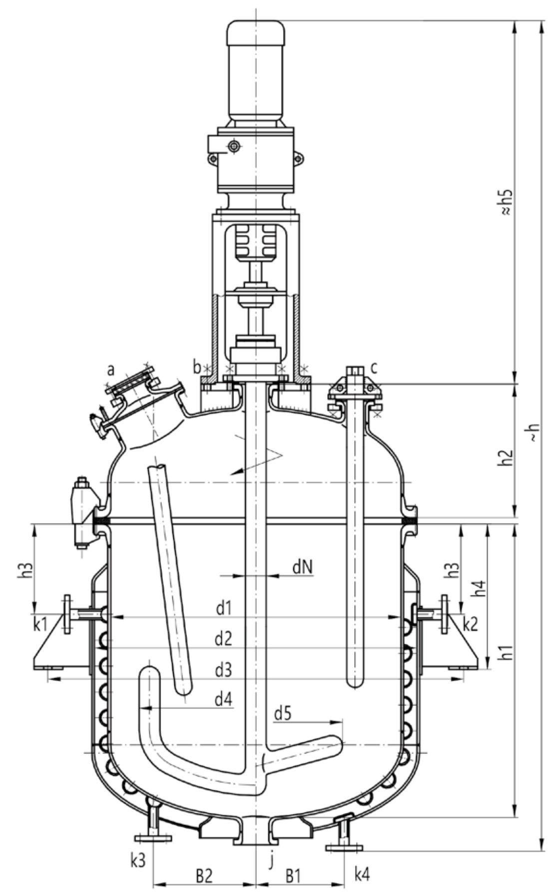
2. 支座型式由用户定货确定，如用户无要求，按耳座制定。
Support types could be determined by users, if no special request, lugs would be normally applied.

3. 驱动装置参数仅供参考，以实际选用机架减速机型号为准。
Drive device parameters for reference only, to the actual selection of Rack reducer type.

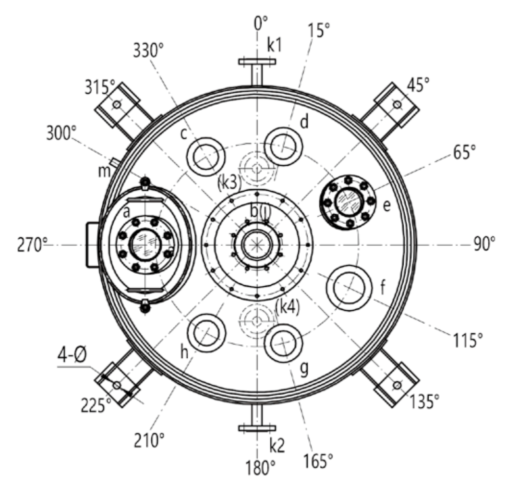
搪玻璃开式搅拌容器
K Type Glass-Lined Reactors



K1000-6300L



K1000-6300L



K1000-6300L

	罐内 Inner Vessel	夹套 / 半管 Jacket
设计压力 MPa Design Pressure	0.4	0.6
设计温度 ℃ Design Temperature	-19~200	-19~200

单位(Unit):mm

规格 Specifications		K 1000	K 1500	K 2000	K 3000	K4000	K 5000	K6300
公称容积 Nominal Capacity	L	1000	1500	2000	3000	4000	5000	6300
全容积 Total Capacity	L	1616	2172	2640	4170	5140	6470	7580
计算容积(注 1) Calculate Capacity(Notes1)	L	1244	1714	2180	3370	4334	5443	6561
夹套容积 Jacket Capacity	L	206	340	434	520	670	873	1027
总换热面积 All Heat Exchange Area	m^2	4.55	5.76	7.23	9.33	11.85	13.74	16.43
半管换热面积 Half Tube Heat Exchange Area	m^2	1.8	2.8	3.6	4.0	5.3	7.0	8.4
参考重量 Reference Weight	kg	1700	2155	2415	3500	4055	4840	5490
主要尺寸 Main Dimension	d1	1200	1300	1300	1600	1600	1750	1750
	d2	1300	1450	1450	1750	1750	1900	1900
	d3(注 2)	1638	1915	1915	2221	2221	2412	2412
	d4	1080	1180	1180	1440	1440	1580	1580
	d5	700	700	700	800	800	850	850
	h1	1200	1400	1830	1810	2290	2410	2875
	h2	495	520	520	605	605	642.5	642.5
	h3	290	330	330	340	340	340	340
	h4	600	650	650	700	700	700	700
	h	3445	3660	4010	4280	4745	4900	5470
	B1	315	315	315	315	315	350	350
	B2	350	400	400	450	450	500	500
	Φ	30	30	30	30	30	30	30
罐体管口公称直径 Nozzle DN	a	300x400	300x400	300x400	300x400	300x400	300x400	300x400
	b	125	125	125	150	150	150	150
	c	100	100	100	100	100	125	125
	d	100	100	100	100	100	125	125
	e	100	125	125	125	125	125	125
	f	125	125	125	125	125	150	150
	g	100	100	100	100	100	125	125
	h	100	125	125	125	125	150	150
	j	100	100	100	125	125	125	125
夹套管口公称直径(注 3) Jacket Nozzle DN	k1	32/32	40/50	40/50	50/50	50/50	65/50	65/50
	k2	32	40	40	50	50	65	65
	k3	32/32	40/50	40/50	50/50	50/50	65/50	65/50
	k4	32	40	40	50	50	65	65
	m	G3/8″	G3/8″	G3/8″	G3/8″	G3/8″	G3/8″	G3/8″
驱动装置(注 4) Drive	dN	80	80	80	95	95	95	95
	h5	1580	1580	1580	1680	1680	1680	1780

注 1. 计算容积：高颈法兰以下部分的容积。
Calculate Capacity: Volume under highneck flange

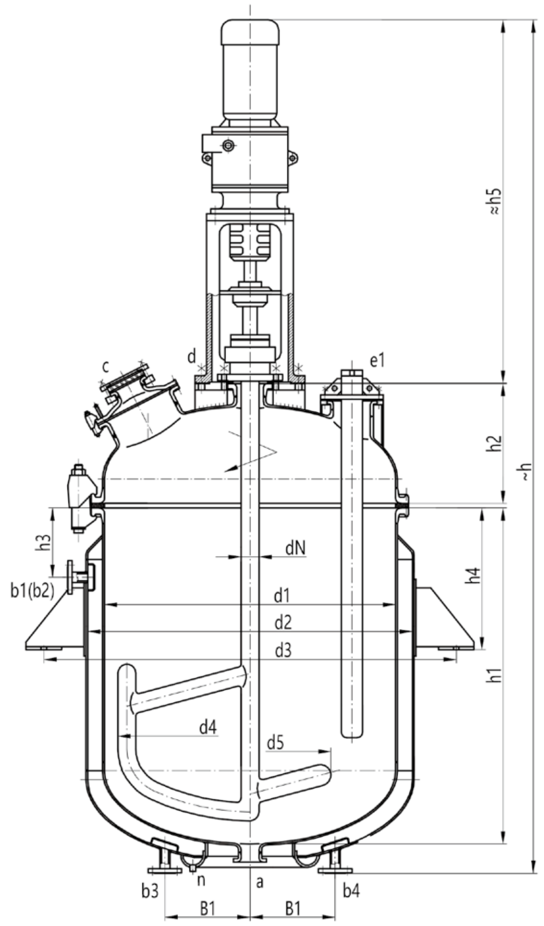
2. 支座型式由用户定货确定，如用户无要求，按耳座制定。
Support types could be determined by users, if no special request, lugs would be normally applied.

3.k1、k3 如果是夹套用前数值，如果是半管用后数值。
k1/ k3 Choose the front value if with jacket, Subsequent value if with half pipe.

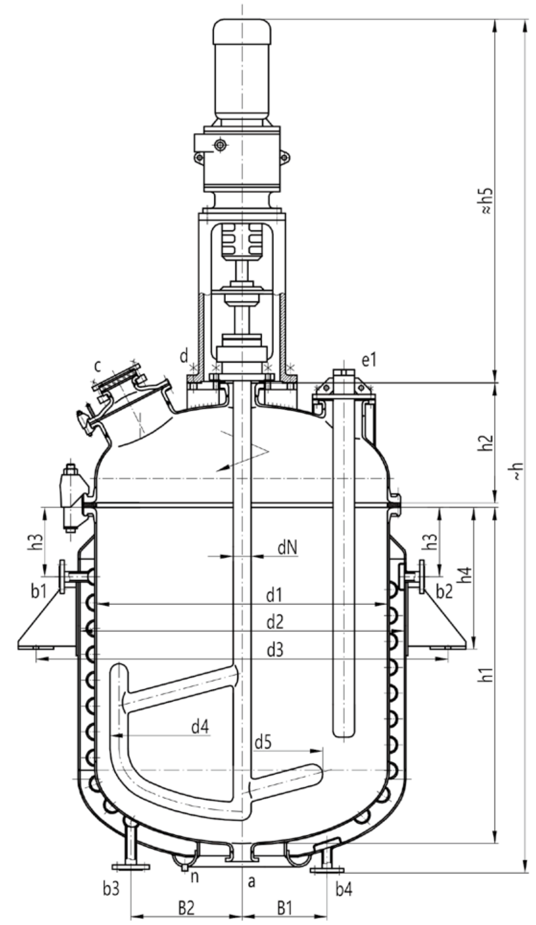
4. 驱动装置参数仅供参考，以实际选用机架减速机型号为准。
Drive device parameters for reference only, to the actual selection of Rack reducer type.

搪玻璃开式搅拌容器
K Type Glass-Lined Reactors

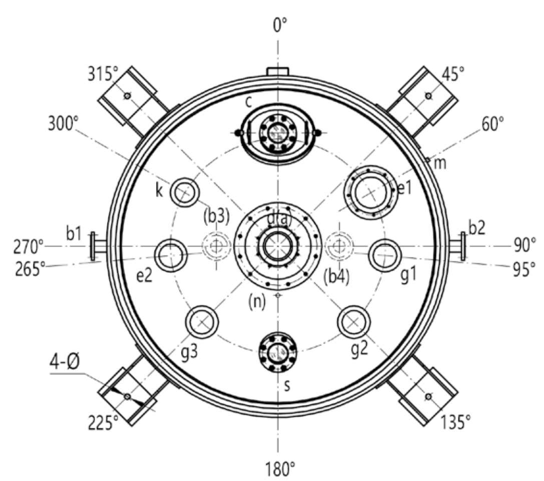
	罐内 Inner Vessel	夹套 / 半管 Jacket
设计压力 MPa Design Pressure	0.2	0.6
设计温度 °C Design Temperature	-19~200	-19~200



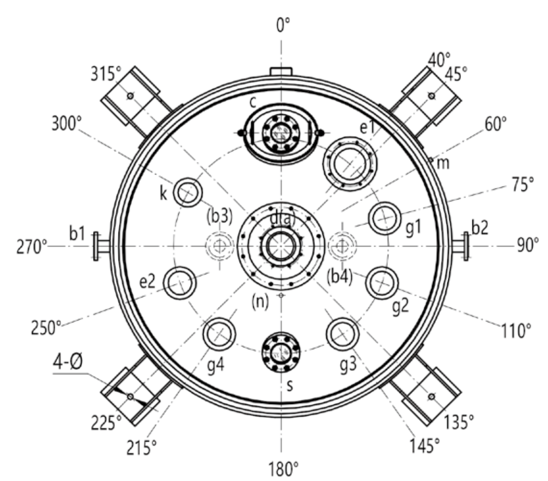
K8000-16000L



K8000-16000L



K8000L



K10000-16000L

单位(Unit):mm

规格 Specifications			K 8000	K 10000	K 12500	K 16000
公称容积 Nominal Capacity		L	8000	10000	12500	16000
全容积 Total Capacity		L	10380	12870	15380	18500
计算容积（注 1） Calculate Capacity(Notes1)		L	8897	10930	13440	16000
夹套容积 Jacket Capacity		L	1724	1940	2324	2500
总换热面积 All Heat Exchange Area		m^2	19.6	21.54	26.5	28.0
半管换热面积 Half Tube Heat Exchange Area		m^2	9.4	10.5	12.4	14.5
参考重量 Reference Weight		kg	7560	8380	9950	12550
主要尺寸 Main Dimension	d1		2000	2200	2200	2400
	d2		2200	2400	2400	2600
	d3（注 2）		2763	2964	2964	3238
	h1		3000	3060	3720	3740
	h2		710	770	770	825
	h3		380	400	400	460
	h4		830	850	850	900
	h		5930	6010	6690	6850
	B1		400	470	470	470
	B2		700	700	700	700
	Φ		36	36	36	36
罐体管口公称直径 Nozzle DN	a		125	150	150	150
	c		300x400	300x400	300x400	450
	d		200	200	200	200
	e1		200	200	200	200
	e2		150	200	200	200
	g1		150	150	150	150
	g2		150	150	150	150
	g3		150	150	150	150
	g4		/	150	150	150
	s		125	125	125	125
	k		125	125	125	125
夹套管口公称直径（注 3） Jacket Nozzle DN	b1		65/65	80/65	80/65	100/65
	b2		65	80	80	100
	b3		65/65	80/65	80/65	100/65
	b4		65	80	80	100
	m		G3/4″	G3/4″	G3/4″	G3/4″
	n		G1/2″	G1/2″	G1/2″	G1/2″
驱动装置（注 4） Drive	dN		110	110	110	110
	h5		2000	2000	2020	2090

注 1. 计算容积：高颈法兰以下部分的容积。
Calculate Capacity: Volume under highneck flange

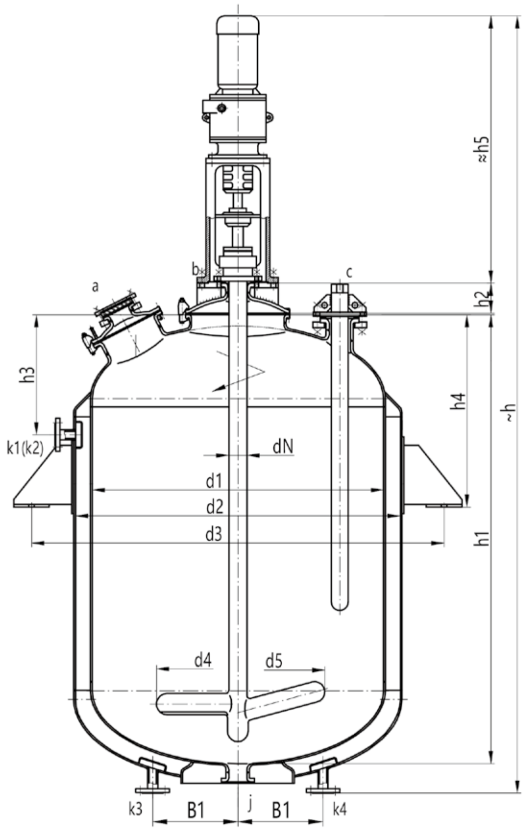
2. 支座型式由用户定货确定，如用户无要求，按耳座制定。
Support types could be determined by users, if no special request, lugs would be normally applied.

3.k1、k3 如果是夹套用前数值，如果是半管用后数值。
k1/ k3 Choose the front value if with jacket, Subsequent value if with half pipe.

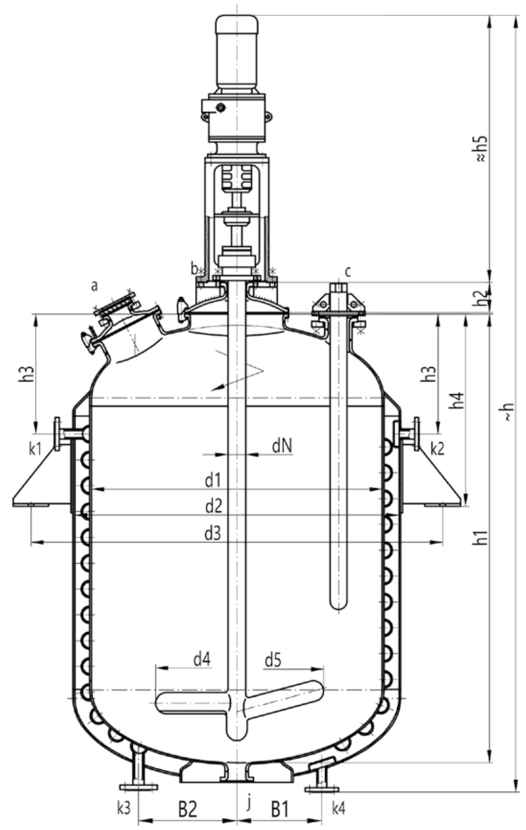
4. 驱动装置参数仅供参考，以实际选用机架减速机型号为准。
Drive device parameters for reference only, to the actual selection of Rack reducer type.

搪玻璃闭式搅拌容器

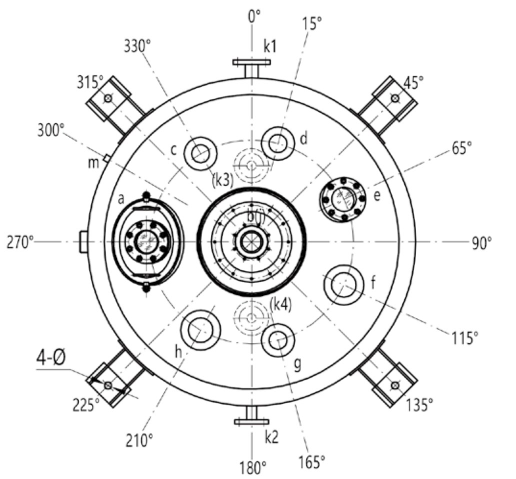
F Type Glass-Lined Reactors



F1500-6300L



F1500-6300L



F1500-6300L

	罐内 Inner Vessel	夹套 / 半管 Jacket
设计压力 MPa Design Pressure	0.4	0.6
设计温度 ℃ Design Temperature	-19~200	-19~200

单位(Unit):mm

规格 Specifications		F1500	F 2000	F 3000	F 4000	F 5000	F 6300
公称容积 Nominal Capacity	L	1500	2000	3000	4000	5000	6300
全容积 Total Capacity	L	2020	2470	3860	4795	6040	6900
计算容积（注 1） Calculate Capacity(Notes1)	L	1990	2440	3830	4765	6016	6872
夹套容积 Jacket Capacity	L	301	390	495	805	898	1015
总换热面积 All Heat Exchange Area	m^2	5.92	7.31	9.98	12.44	14.06	16.36
半管换热面积 Half Tube Heat Exchange Area	m^2	2.5	3.5	4.3	6.0	7.2	8.5
参考重量 Reference Weight	kg	1975	2230	3300	3750	4570	5050
主要尺寸 Main Dimension	d1	1300	1300	1600	1600	1750	1750
	d2	1450	1450	1750	1750	1900	1900
	d3（注 2）	1915	1915	2221	2221	2412	2412
	d4	680	680	720	720	720	720
	d5	700	700	800	800	850	850
	h1	1801	2136	2250	2730	2888	3244
	h2	190	190	190	190	190	190
	h3	725	725	700	700	750	750
	h4	975	975	1060	1060	1200	1200
	B1	315	315	315	315	350	350
	B2	400	400	450	450	500	500
	Φ	30	30	30	30	30	30
罐体管口公称直径 Nozzle DN	a	300x400	300x400	300x400	300x400	300x400	300x400
	b	125	125	150	150	150	150
	c	100	100	100	100	125	125
	d	100	100	100	100	125	125
	e	125	125	125	125	125	125
	f	125	125	125	125	150	150
	g	100	100	100	100	125	125
	h	125	125	125	125	150	150
	j	100	100	125	125	125	125
夹套管口公称直径（注 3） Jacket Nozzle DN	k1	40/50	40/50	65/50	65/50	65/50	65/50
	k2	40	40	65	65	65	65
	k3	40/50	40/50	65/50	65/50	65/50	65/50
	k4	40	40	65	65	65	65
	m	G3/8″	G3/8″	G3/8″	G3/8″	G3/8″	G3/8″
驱动装置（注 4） Drive	dN	80	80	95	95	95	95
	h5	1580	1580	1680	1680	1680	1780

注 1. 计算容积：高颈法兰以下部分的容积。
Calculate Capacity: Volume under highneck flange

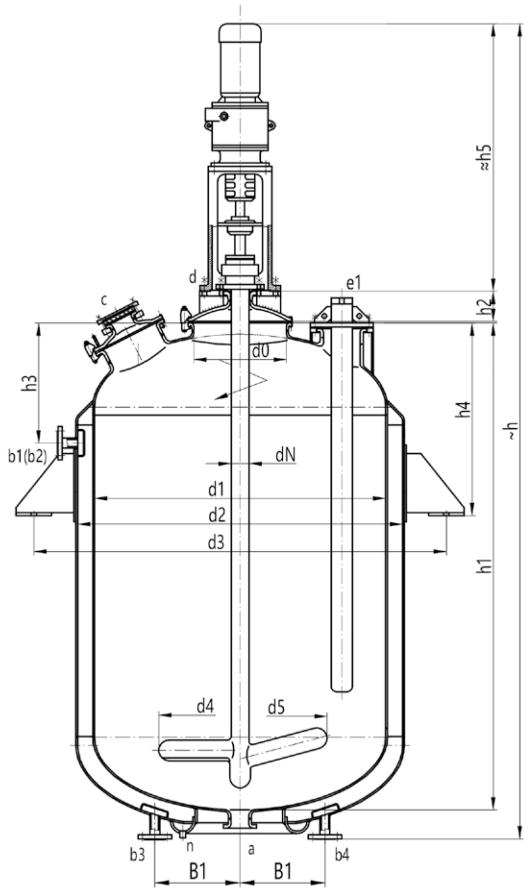
2. 支座型式由用户定货确定，如用户无要求，按耳座制定。
Support types could be determined by users, if no special request, lugs would be normally applied.

3.k1、k3 如果是夹套用前数值，如果是半管用后数值。
k1/ k3 Choose the front value if with jacket, Subsequent value if with half pipe.

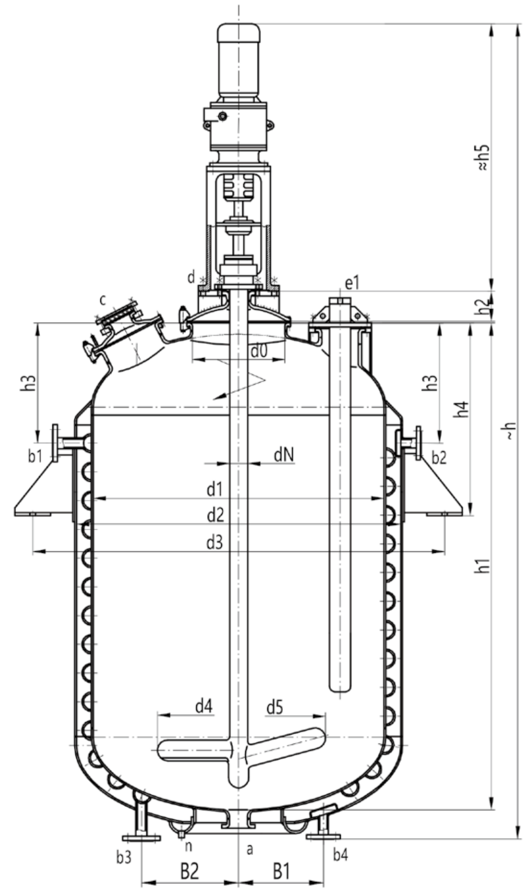
4. 驱动装置参数仅供参考，以实际选用机架减速机型号为准。
Drive device parameters for reference only, to the actual selection of Rack reducer type.

搪玻璃闭式搅拌容器
F Type Glass-Lined Reactors

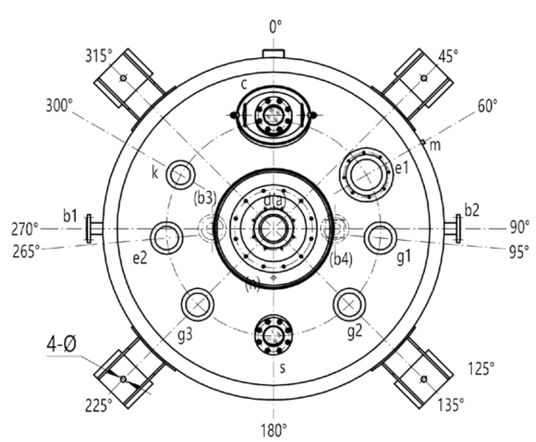
	罐内 Inner Vessel	夹套 / 半管 Jacket
设计压力 MPa Design Pressure	0.4	0.6
设计温度 ℃ Design Temperature	-19~200	-19~200



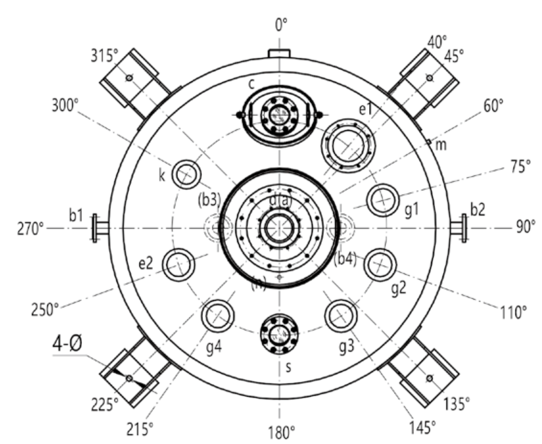
F8000-20000L



F8000-20000L



F8000L



F10000-20000L

单位(Unit):mm

规格 Specifications		F 8000	F 10000	F 12500	F 16000	F 20000
公称容积 Nominal Capacity	L	8000	10000	12500	16000	20000
全容积 Total Capacity	L	9138	11757	13733	17491	21835
计算容积（注 1） Calculate Capacity(Notes1)	L	9110	11724	13700	17446	21790
夹套容积 Jacket Capacity	L	1666	1940	2243	2551	2870
总换热面积 All Heat Exchange Area	m^2	18.38	21.35	24.89	29.48	34.04
半管换热面积 Half Tube Heat Exchange Area	m^2	8.9	10.3	12.4	14.5	16.5
参考重量 Reference Weight	kg	6780	7670	9120	11300	13700
主要尺寸 Main Dimension	d0	800	800	800	800	900
	d1	2000	2200	2200	2400	2600
	d2	2200	2400	2400	2600	2800
	d3(注 2)	2763	2964	2964	3238	3439
	d4	880	980	980	980	1080
	d5	1100	1200	1200	1200	1300
	h1	3310	3533	4053	4346	4641
	h2	210	210	210	210	210
	h3	850	900	900	950	1000
	h4	1250	1300	1300	1500	1550
	h	5680	5890	6440	6770	7350
	B1	400	470	470	470	470
	B2	700	700	700	700	700
	Φ	36	36	36	36	36
罐体管口公称直径 Nozzle DN	a	125	150	150	150	150
	c	300X400	300x400	300x400	450	450
	d	200	200	200	200	250
	e1	200	200	200	200	200
	e2	150	200	200	200	200
	g1	150	150	150	150	150
	g2	150	150	150	150	150
	g3	150	150	150	150	150
	g4	/	150	150	150	150
	s	125	125	125	125	125
	k	125	125	125	125	125
夹套管口公称直径（注 3） Jacket Nozzle DN	b1	65/65	80/65	80/65	100/65	100/65
	b2	65	80	80	100	100
	b3	65/65	80/65	80/65	100/65	100/65
	b4	65	80	80	100	100
	m	G3/4″	G3/4″	G3/4″	G3/4″	G3/4″
	n	G1/2″	G1/2″	G1/2″	G1/2″	G1/2″
驱动装置（注 4） Drive	dN	110	110	110	130	140
	h5	1960	1960	1990	2020	2300

注 1. 计算容积：高颈法兰以下部分的容积。
Calculate Capacity: Volume under highneck flange

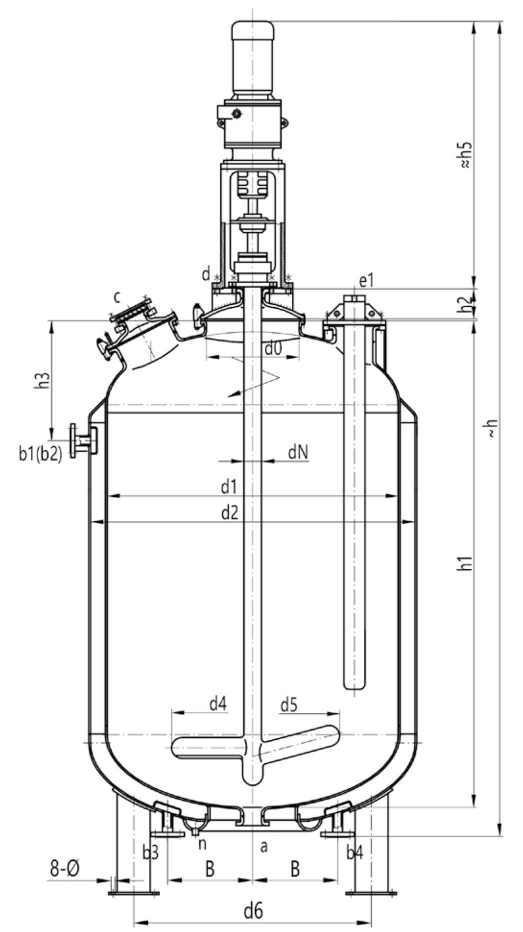
2. 支座型式由用户定货确定，如用户无要求，按耳座制定。
Support types could be determined by users, if no special request, lugs would be normally applied.

3.b1、b3 如果是夹套用前数值，如果是半管用后数值。
b1/ b3 Choose the front value if with jacket, Subsequent value if with half pipe.

4. 驱动装置参数仅供参考，以实际选用机架减速机型号为准。
Drive device parameters for reference only, to the actual selection of Rack reducer type.

搪玻璃闭式搅拌容器

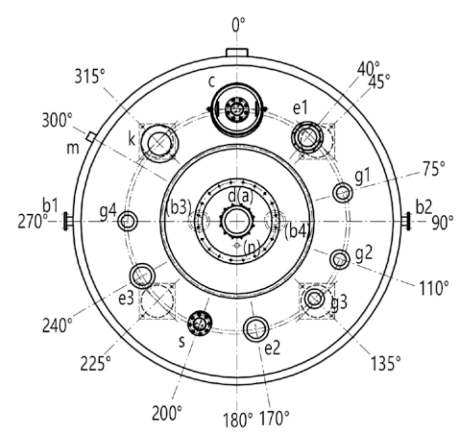
F Type Glass–Lined Reactors



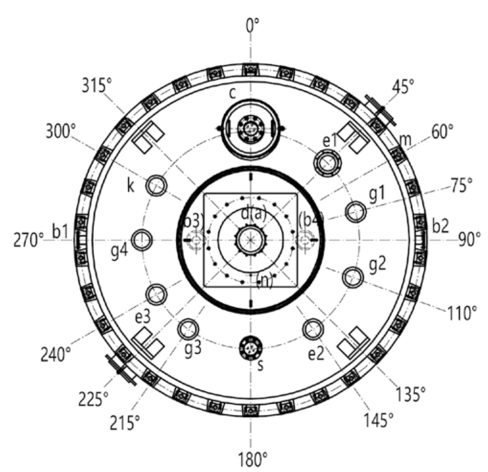
F30000-90000L

	罐内 Inner Vessel	夹套 Jacket
设计压力 MPa Design Pressure	0.4	0.6
设计温度 ℃ Design Temperature	-19~200	-19~200

符号 Symbol	用途 Usage
a	放料口 Medium Outlet
b1,b2,b3,b4	夹套进（出）口 In/Outlet
c	人孔 Manhole
d	搅拌口 Agitator Hole
e1	温度计口 Thermowell Pocket
e2,g1,g2,g3,g4,k	备用口 Spare
s	视镜口 Sightglass
m	放气口 Vent Hole
n	排净口 Clean Hole



F30000-50000L



F60000-90000L

单位(Unit):mm

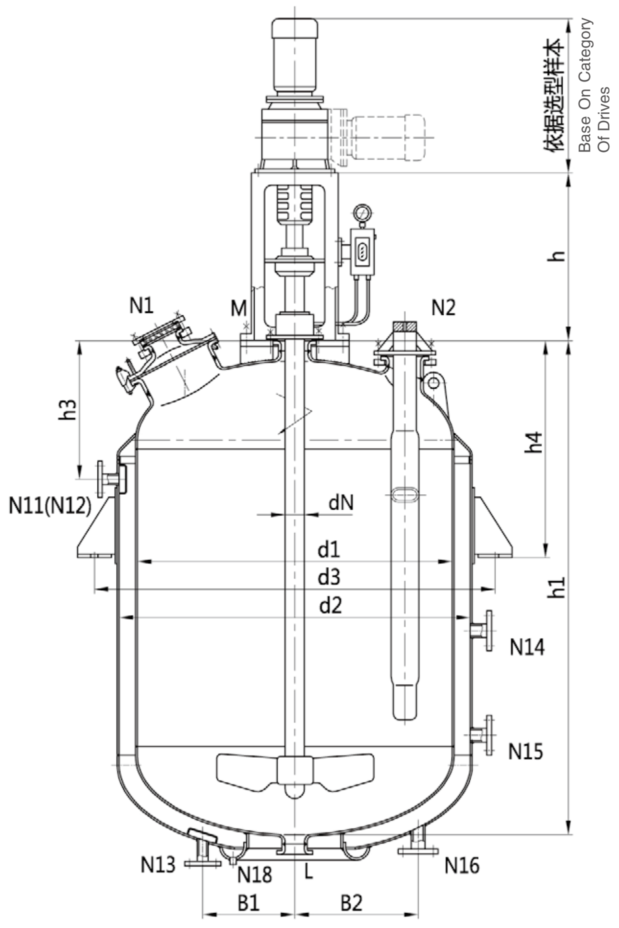
规格 Specifications		F 30000	F 40000	F 45000	F 50000	F 60000	F 70000	F 90000
公称容积 Nominal Capacity	L	30000	40000	45000	50000	60000	70000	90000
全容积 Total Capacity	L	33645	44900	51380	56470	64652	75290	93110
计算容积（注 1） Calculate Capacity(Notes1)	L	33500	44000	52180	55510	63641	74300	92110
夹套容积 Jacket Capacity	L	3700	3800	4350	4520	5080	7350	9110
换热面积 Heat Exchange Area	m^2	45.0	48.4	50.2	60	68.5	76.5	95.2
参考重量 Reference Weight	kg	20000	26520	29650	32155	36380	47950	61000
主要尺寸 Main Dimension	d0	1100	1600	1600	1750	1750	1750	1750
	d1	3000	3600	3600	3800	3800	4000	4000
	d2	3200	3800	3800	4000	4000	4200	4200
	d4	1300	1400	1400	1600	1600	1600	1600
	d5	1300	1400	1400	1600	1600	1600	1600
	d6(注 2)	2300	2520	2520	2680	/	/	/
	h1	5340	5000	5731	5611	6311	6692	8071
	h2	260	609	609	647	667	667	667
	h3	1150	1300	1300	1340	1340	1600	1600
	h	8985	9040	9770	9790	10500	13000	14450
	B	470	470	470	470	470	700	700
	Φ	24	30	30	30	/	/	/
罐体管口公称直径 Nozzle DN	a	150	150	150	150	150	150	150
	c	450	450	450	450	450	450	450
	d	250	250	250	250	250	300	300
	e1	200	200	200	200	200	200	200
	e2	200	200	200	200	200	200	200
	e3	/	200	200	200	200	200	200
	g1	150	150	150	150	150	150	150
	g2	150	150	150	150	150	150	150
	g3	150	150	150	150	150	150	150
	g4	150	150	150	150	150	150	150
	s	125	125	125	125	125	125	125
	k	125	125	125	250	250	250	250
夹套管口公称直径 Jacket Nozzle DN	b1	100	125	125	125	125	125	125
	b2	100	125	125	125	125	125	125
	b3	100	125	125	125	125	125	125
	b4	100	125	125	125	125	125	125
	m	G3/4″	G3/4″	G3/4″	G3/4″	G3/4″	G3/4″	G3/4″
	n	G1/2″	G1/2″	G1/2″	G1/2″	G1/2″	G1/2″	G1/2″
驱动装置（注 3） Drive	dN	160	160	160	180	200	240	273
	h5	2570	2610	2610	2710	3420	3970	4170

注 1. 计算容积：高颈法兰以下部分的容积。
Calculate Capacity: Volume under highneck flange.

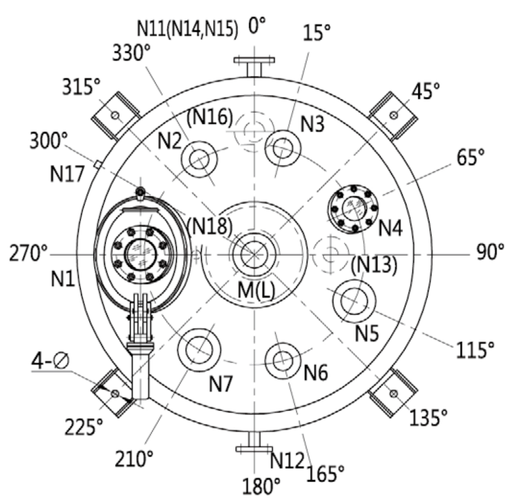
2. 支座型式由用户定货确定，如用户无要求，按 B 型支承式制定制造，F60000L 及以上宜采用裙座。
Support types could be determined by users, If no special request, B–type support legs will be normally applied, F60000L and above specifications, skirt support is recommended.

3. 驱动装置参数仅供参考，以实际选用机架减速机型号为准。
Drive device parameters for reference only, to the actual selection of Rack reducer type.

搪玻璃全闭式搅拌容器
Q Type Glass-Lined Reactors



Q 630-6300L



Q 630-6300L

		罐 内 Inner Vessel	夹 套 Jacket
设计压力 Design Pressure	MPa	−0.1/0.6/1.0	0.6
设计温度 Design Temperature	℃	−19~200	−19~200

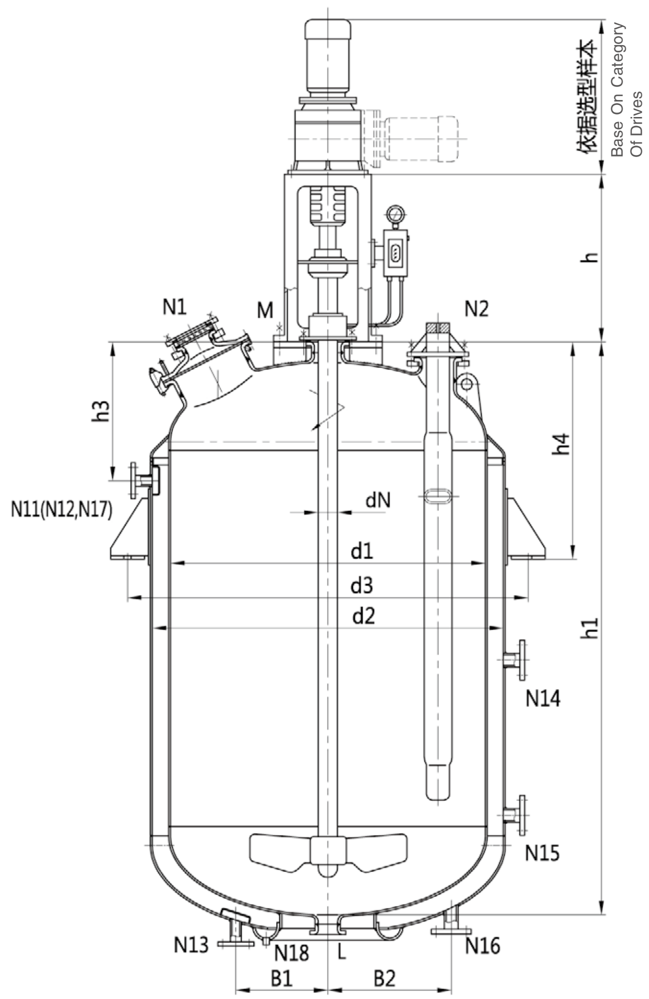
符 号 Symbol	用 途 Usage
N1	人孔 Manhole
N2	温度计口 Thermowell Pocket
N3,N5,N6,N7	工艺口 Spare Nozzle
N4	视镜口 Sightglass
M	搅拌口 Agitator Hole
L	放料口 Medium Outlet
N11，N12，N13	夹套进（出）口 In/Outlet
N14，N15，N16	夹套喷嘴口 Spray Nozzle
N17	排气口 Vent Hole
N18	排净口 Clean Hole

单位（Unit）：mm

规 格 Specifications		Q 630	Q 1000	Q 1500	Q 2000	Q 3000	Q 4000	Q 5000	Q 6300
公称容积 Nominal Capacity	(L)	630	1000	1500	2000	3000	4000	5000	6300
全容积 Total Capacity	(L)	890	1470	2130	2575	3811	4780	6040	6900
夹套容积 Jacket Capacity	(L)	147	206	301	390	495	805	898	1015
换热面积 Heat Exchange Area	(m²)	3.35	4.55	5.92	7.31	9.98	12.44	14.06	16.36
参考重量 Reference Weight	(kg)	1055	1865	1963	2175	3205	3522	4580	5060
主要尺寸 Main Dimension	d1	1000	1200	1300	1300	1600	1600	1750	1750
	d2	1100	1300	1450	1450	1750	1750	1900	1900
	d3(Notes)	1276	1477	1655	1655	1956	1956	2152	2152
	h1	1385	1560	1766	2131	2250	2730	2888	3244
	h3	595	650	699	699	700	700	750	750
	h4	815	910	940	940	1060	1060	1200	1200
	B1	400	400	400	400	400	400	400	400
	B2	/	/	510	510	510	510	510	510
	Φ	30	30	30	30	30	30	30	30
	M	125	125	125	125	150	150	150	150
罐体管口公称直径 Nozzle DN	L	100	100	100	100	125	125	125	125
	N1	300x400	300x400	300x400	300x400	350x450	350x450	350x450	350x450
	N2	100	125	125	125	150	150	200	200
	N3	100	100	100	100	100	100	125	125
	N4	100	100	125	125	125	125	125	125
	N5	100	125	125	125	125	125	150	150
	N6	100	100	100	100	100	100	125	125
	N7	100	100	125	125	125	125	125	125
夹套管口公称直径 Jacket Nozzle DN	N11	32	32	40	40	50	50	65	65
	N12	32	32	40	40	50	50	65	65
	N13	32	32	40	40	50	50	65	65
	N14	/	/	/	/	/	/	65	65
	N15	/	/	50	50	65	65	65	65
	N16	/	/	50	50	65	65	65	65
	N17	G3/8"	G3/8"	G3/8"	G3/8"	G3/8"	G3/8"	G3/8"	G3/8"
	N18	G1/2"	G1/2"	G1/2"	G1/2"	G1/2"	G1/2"	G1/2"	G1/2"
驱动装置(见注2) Drive	dN	65	80	80	80	95	95	95	95
	h	680	720	720	720	815	815	815	815

注 1. 支座型式由用户定货确定，如用户无要求，按耳座制定。
1.Support types could be determined by users, if no special request, lugs would be normally applied.
2. 驱动装置参数仅供参考，以实际选用机架减速机型号为准。
2. Drive device parameters for reference only, to the actual selection of Rack reducer type.

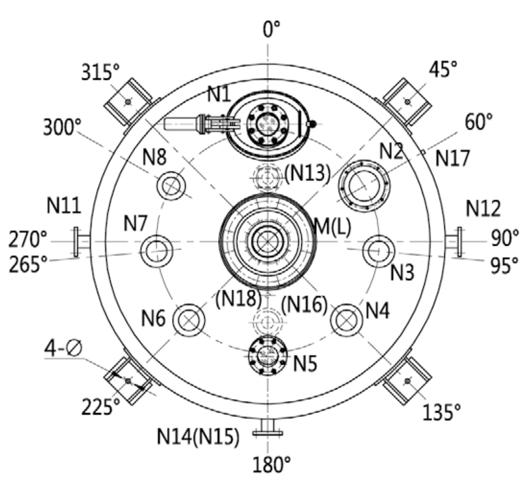
搪玻璃全闭式搅拌容器
Q Type Glass-Lined Reactors



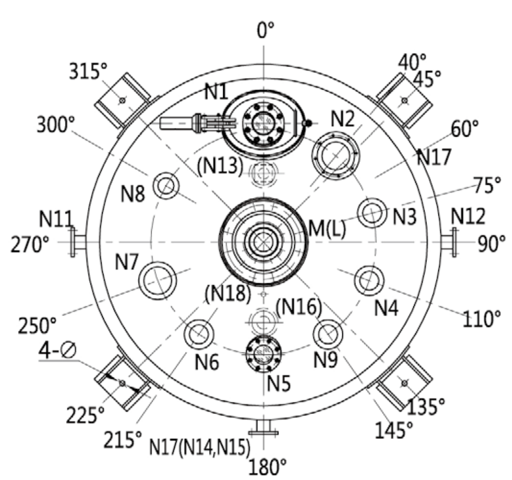
Q 8000-16000L

		罐 内 Inner Vessel	夹 套 Jacket
设计压力 Design Pressure	MPa	-0.1/0.6/1.0	0.6
设计温度 Design Temperature	℃	-19~200	-19~200

符 号 Symbol	用 途 Usage
N1	人孔 Manhole
N2	温度计口 Thermowell Pocket
N3,N4,N6,N7,N8,N9	工艺口 Spare Nozzle
N5	视镜口 Sightglass
M	搅拌口 Agitator Hole
L	放料口 Medium Outlet
N11，N12，N13	夹套进（出）口 In/Outlet
N14，N15，N16	夹套喷嘴口 Spray Nozzle
N17	排气口 Vent Hole
N18	排净口 Clean Hole



Q 8000L



Q 10000-16000L

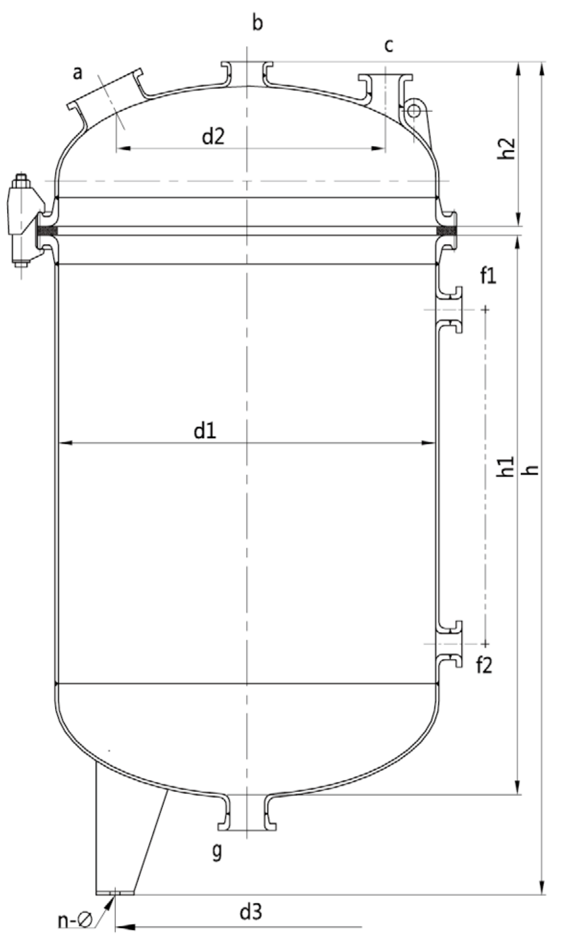
单位（Unit）：mm

规 格 Specifications		Q 8000	Q 10000	Q 12500	Q 16000
公称容积 Nominal Capacity	(L)	8000	10000	12500	16000
全容积 Total Capacity	(L)	9105	11719	13696	17491
夹套容积 Jacket Capacity	(L)	1666	1940	2243	2551
换热面积 Heat Exchange Area	(m²)	18.38	21.35	24.89	29.48
参考重量 Reference Weight	(kg)	6718	7670	9101	10954
主要尺寸 Main Dimension	d1	2000	2200	2200	2400
	d2	2200	2400	2400	2600
	d3(Notes)	2452	2703	2703	2908
	h1	3320	3543	4063	4356
	h3	860	910	910	960
	h4	1210	1310	1310	1410
	B1	400	470	470	470
	B2	510	550	550	550
	Φ	30	36	36	36
罐体管口公称直径 Nozzle DN	M	200	200	200	200
	L	125	150	150	150
	N1	500	500	500	600
	N2	200	200	200	200
	N3	150	150	150	150
	N4	150	150	150	150
	N5	125	125	125	125
	N6	150	150	150	150
	N7	150	200	200	200
	N8	125	125	125	125
	N9	/	150	150	150
夹套管口公称直径 Jacket Nozzle DN	N11	65	80	80	100
	N12	65	80	80	100
	N13	65	80	80	100
	N14	65	80	80	100
	N15	65	80	80	100
	N16	65	80	80	100
	N17	G3/4"	G3/4"	G3/4"	G3/4"
	N18	G1/2"	G1/2"	G1/2"	G1/2"
驱动装置(见注2) Drive	dN	110	110	110	130
	h	860	860	860	820

注 1. 支座型式由用户定货确定，如用户无要求，按耳座制定。
1.Support types could be determined by users, if no special request, lugs would be normally applied.
2. 驱动装置参数仅供参考，以实际选用机架减速机型号为准。
2. Drive device parameters for reference only, to the actual selection of Rack reducer type.

搪玻璃开式贮存容器

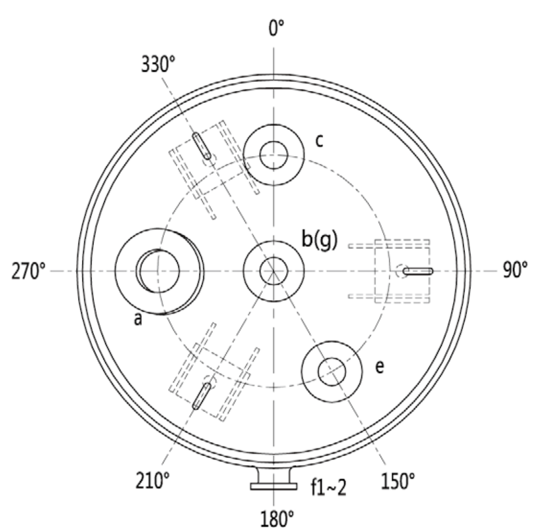
K Type Glass-Lined Storage Tanks (Vertical)



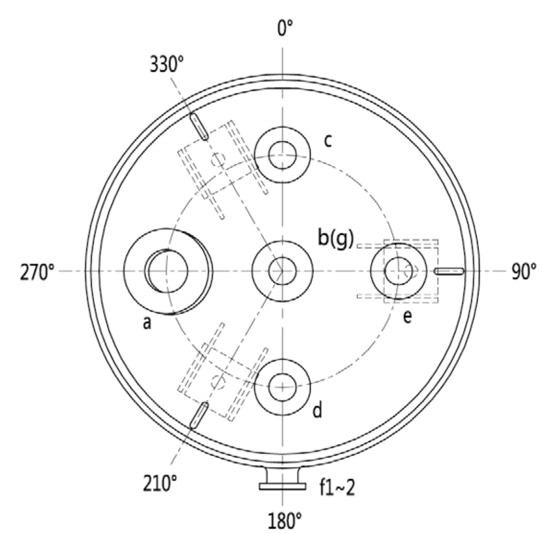
K 200-2000L

		罐 内 Inner Vessel
设计压力 Design Pressure	MPa	常压 ATM
设计温度 Design Temperature	℃	−19~150

符 号 Symbol	用 途 Usage
a	手孔（人孔） Handhole(Manhole)
b	进料口 Medium Inlet
c,d,e	备用口 Spare
f1,f2	液位计口 Level Gauge Hole
g	放料口 Medium Outlet



K 200-500L



K 1000-2000L

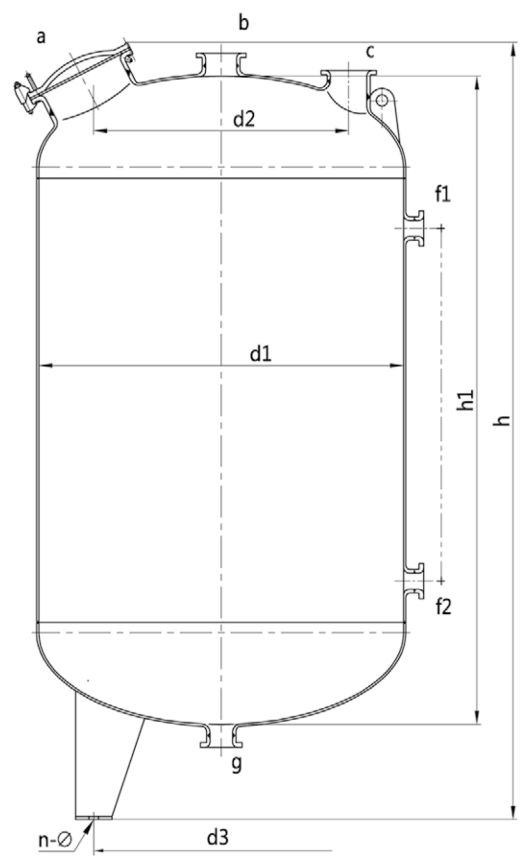
单位(Unit):mm

规格 Specifications		K 200	K 300	K 500	K 1000	K 1500	K 2000
公称容积 Nominal Capacity	L	200	300	500	1000	1500	2000
全容积 Total Capacity	L	294	447	740	1480	2020	2800
计算容积（注 1） Calculate Capacity(Notes1)	L	237	362	620	1270	1670	2370
参考重量 Reference Weight	kg	210	285	395	716	970	1266
主要尺寸 Main Dimension	d1	600	700	800	1000	1200	1300
	d2	420	420	480	600	720	780
	d3	420	490	560	700	700	910
	h1	890	1000	1310	1695	1580	1895
	h2	310	335	390	440	490	515
	h	1340	1750	1885	2310	2240	2670
	n-Φ	3-Φ20	3-Φ25	3-Φ25	3-Φ25	3-Φ25	3-Φ25
罐体管口公称直径 Nozzle DN	a	125	125	150	150	200	300x400
	b	65	80	80	80	100	100
	c	65	65	80	80	80	80
	d	/	/	/	80	80	80
	e	65	65	65	80	80	80
	f1	65	65	65	65	65	65
	f2	65	65	65	65	65	65
	g	65	80	80	80	100	100

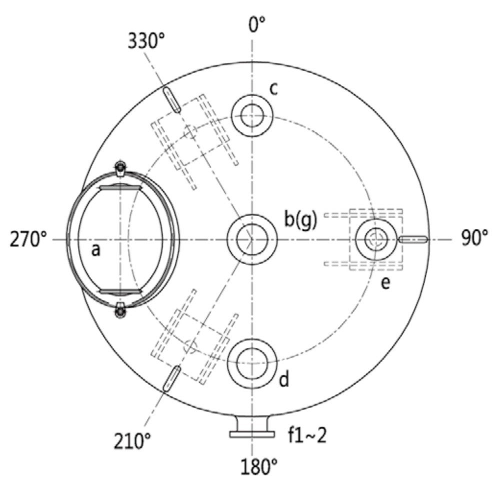
注 1. 计算容积：高颈法兰以下部分的容积。
1. Calculate Capacity: Volume under highneck flange

搪玻璃闭式贮存容器

F Type Glass–Lined Storage Tanks (Vertical)



F 1000-2000L



F 1000-2000L

		罐 内 Inner Vessel
设计压力 Design Pressure	MPa	常压 ATM
设计温度 Design Temperature	℃	−19~150

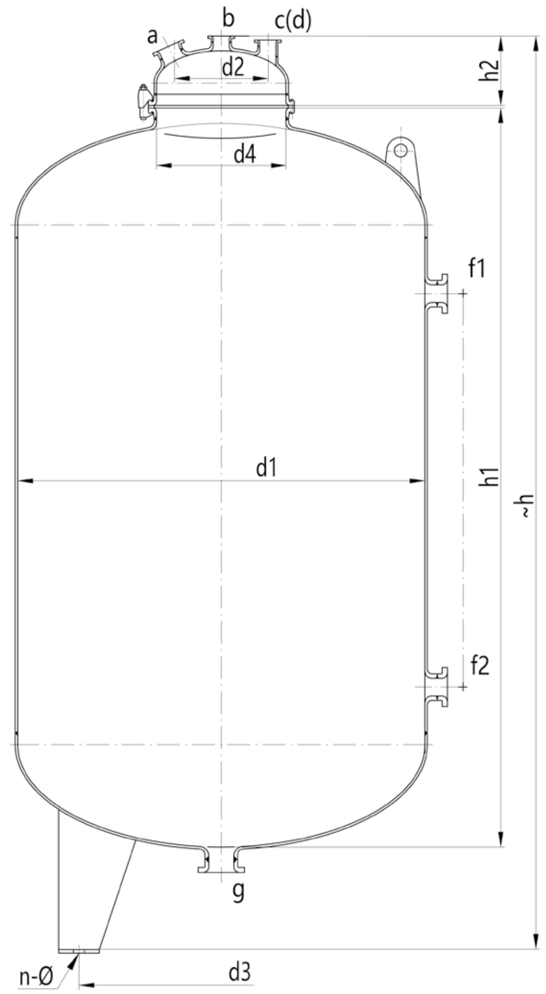
符 号 Symbol	用 途 Usage
a	人孔 Manhole
b	进料口 Medium Inlet
c,d,e	备用口 Spare
f1,f2	液位计口 Level Gauge Hole
g	放料口 Medium Outlet

单位（Unit）：mm

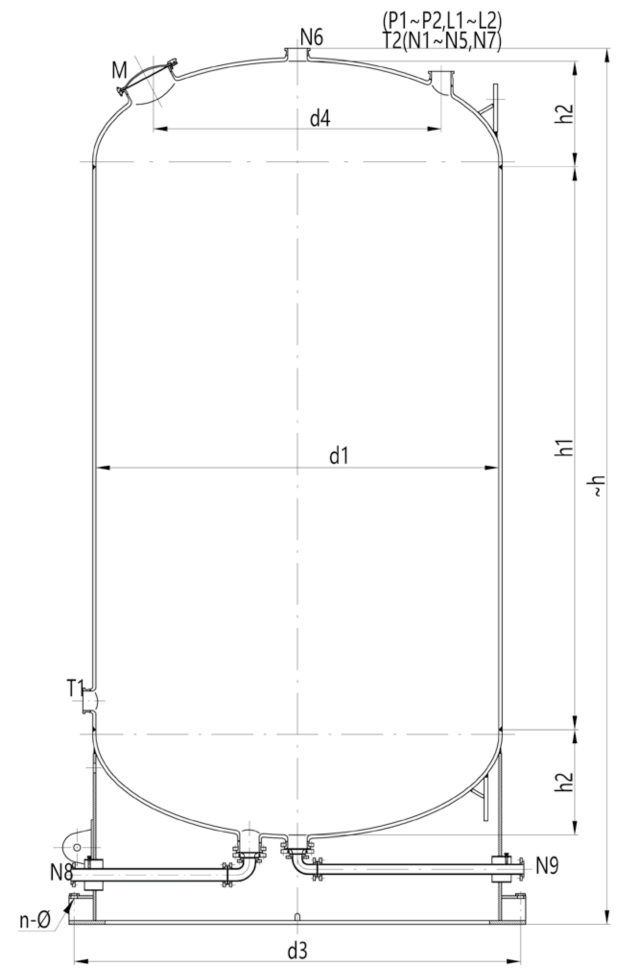
规 格 Specifications		F1000	F1500	F2000
公称容积 Nominal Capacity	(L)	1000	1500	2000
全容积 Total Capacity	(L)	1300	1674	2337
参考重量 Reference Weight	(kg)	600	810	972
主要尺寸 Main Dimension	d1	1000	1200	1300
	d2	600	720	780
	d3	700	840	950
	h1	1820	1680	1978
	h	2300	2120	2450
	n−Φ	3−Φ24	3−Φ24	3−Φ24
罐体管口公称直径 Nozzle DN	a	300x400	300x400	300x400
	b	80	80	80
	c	80	80	100
	d	80	80	80
	e	80	80	80
	f1	65	65	65
	f2	65	65	65
	g	80	100	100

搪玻璃闭式贮存容器
F Type Glass-Lined Storage Tanks (Vertical)

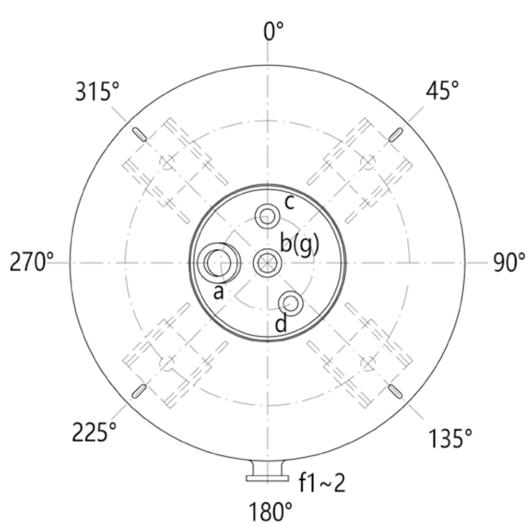
	罐 内 Inner Vessel
设计压力 Design Pressure MPa	常压 ATM
设计温度 Design Temperature ℃	−19~150



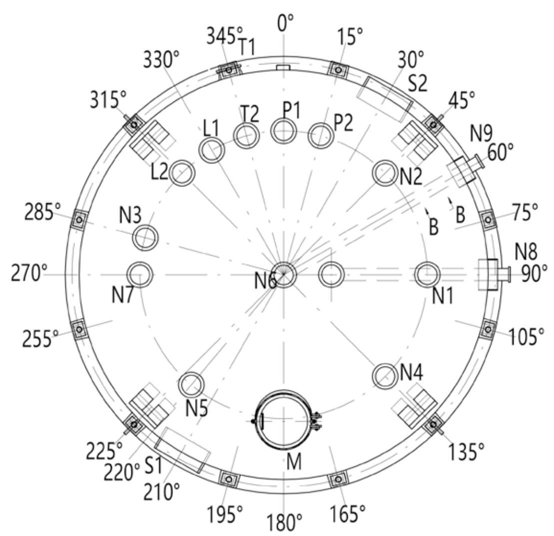
F 3000-50000L



F 135000L



F 3000-50000L

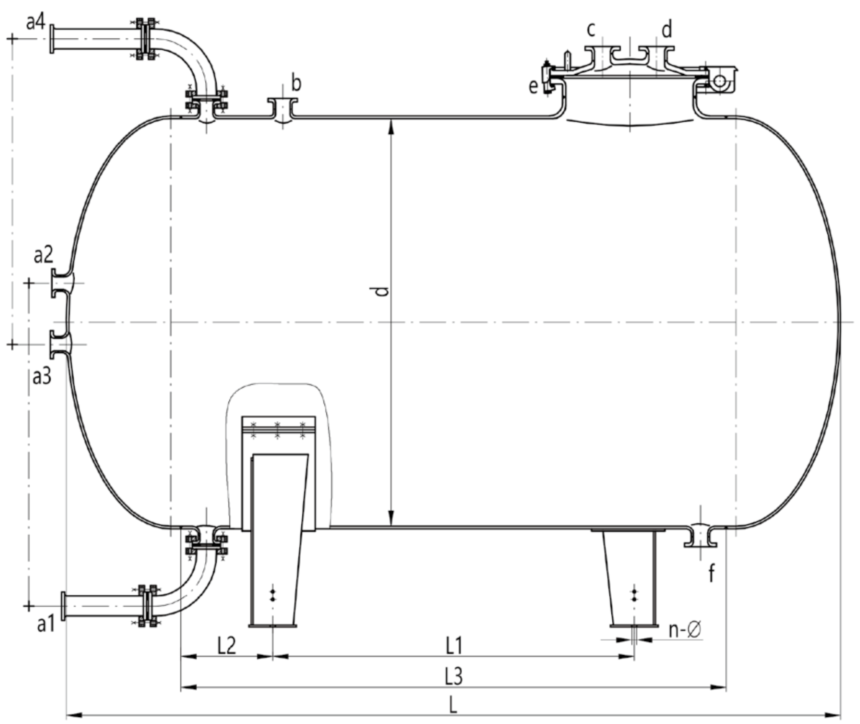


F 135000L

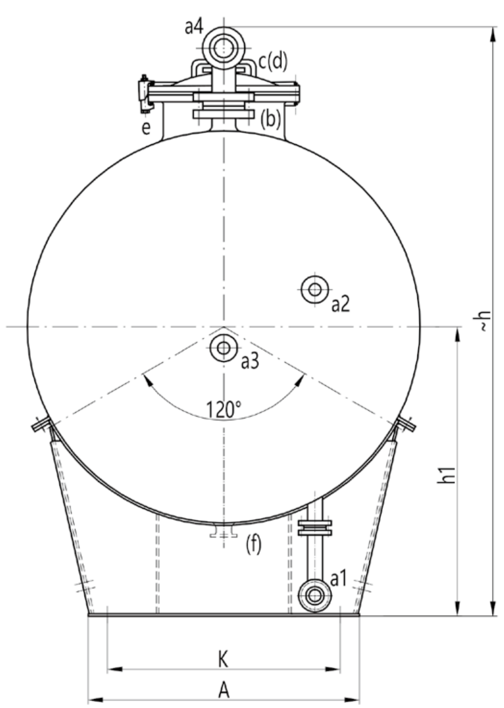
单位（Unit）：mm

规 格 Specifications		F3000	F5000	F6300	F8000	F10000	F12500	F16000	F20000	F30000	F40000	F50000	F135000
公称容积 Nominal Capacity (L)		3000	5000	6300	8000	10000	12500	16000	20000	30000	40000	50000	135000
全容积 Total Capacity (L)		3796	5740	7100	8990	11270	13970	17821	22346	33553	44000	55000	143200
参考重量 Reference Weight (kg)		1543	1910	2980	3525	4380	5530	6670	8324	11720	15450	19300	53000
主要尺寸 Main Dimension	d1	1600	1600	1750	1900	2200	2400	2400	2600	3000	3200	3400	4200
	d2	420	420	420	420	420	420	420	420	420	480	480	/
	d3	1200	1200	1300	1400	1650	1800	1800	1950	2250	2400	2550	4654
	d4	600	600	600	600	700	700	700	700	700	800	800	3000
	h1	2220	3174	3304	3554	3392	3554	4414	4714	5340	6125	6755	8870
	h2	315	315	315	315	355	355	355	355	355	390	390	1100
	h	2850	3790	3910	4185	4040	4207	5060	5400	6000	6870	7500	12150
	n−Φ	4−Φ30	4−Φ30	4−Φ30	4−Φ30	4−Φ30	4−Φ36	4−Φ36	4−Φ36	4−Φ36	4−Φ36	4−Φ36	12−Φ50
罐体管口公称直径 Nozzle DN	a	125	125	125	125	125	125	125	125	125	125	125	/
	b	65	65	65	65	80	80	80	80	80	80	80	/
	c	65	65	65	65	65	65	65	65	65	80	80	/
	d	65	65	65	65	65	65	65	65	65	65	65	/
	f1	65	65	65	65	65	65	65	65	65	80	80	/
	f2	65	65	65	65	65	65	65	65	65	80	80	/
	g	125	125	125	125	125	125	125	125	125	150	150	/

搪玻璃卧式贮存容器
Horizontal Glass–Lined Storage Tanks



W 3000-80000L



W 3000-80000L

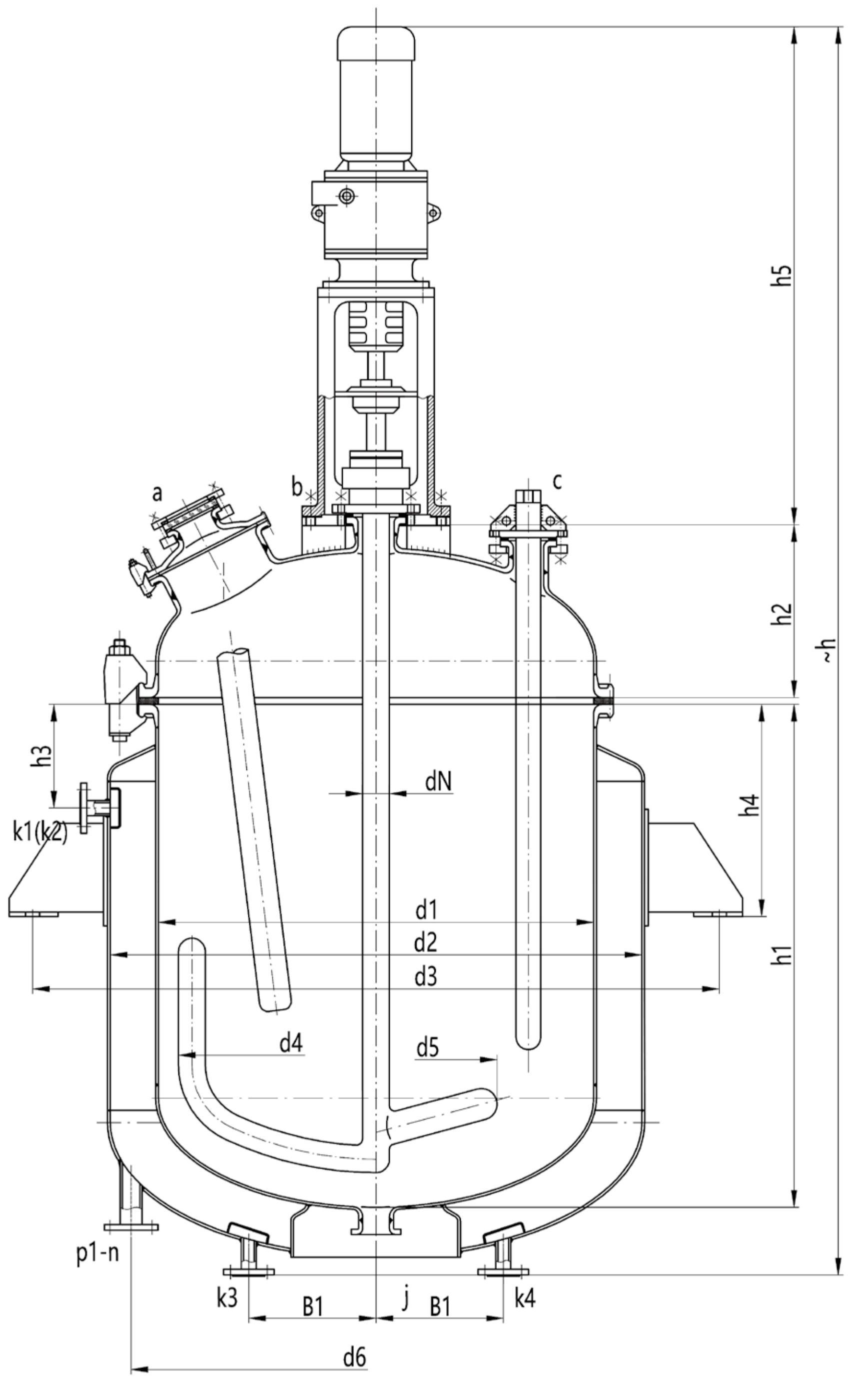
		罐 内 Inner Vessel
设计压力 Design Pressure	MPa	常压 ATM
设计温度 Design Temperature	℃	−19~150

符 号 Symbol	用 途 Usage
a1,a2,a3,a4	液位计口 Level Gauge Hole
b	进料口 Medium Inlet
c,d	备用口 Spare
e	人孔 Manhole
f	放料口 Medium Outlet

单位(Unit):mm

规格 Specifications		W3000	W4000	W5000	W6300	W8000	W10000	W12500	W16000	W20000	W30000	W40000	W50000	W80000	W100000
公称容积 Nominal Capacity	L	3000	4000	5000	6300	8000	10000	12500	16000	20000	30000	40000	50000	80000	100000
全容积 Total Capacity	L	3337	4457	5550	7024	8913	11094	13915	17689	22332	33420	43310	55020	87933	106930
参考重量 Reference Weight	kg	1705	2050	2250	3230	3750	4790	5690	6530	8240	12300	15000	19730	32000	34500
主要尺寸 Main Dimension	d	1450	1450	1600	1750	1900	2000	2000	2200	2400	3000	3000	3400	3800	400
	h1	1089	1089	1166	1243	1318	1370	1370	1470	1572	1876	1876	2080	2284	2432
	h	2100	2100	2300	2455	2605	2705	2705	2870	3100	3750	3750	4110	4510	4895
	L1	814	1494	1420	1474	1590	1880	2740	2840	2930	2370	3770	3330	4290	5000
	L2	320	320	360	390	420	450	470	500	550	630	630	750	1050	1050
	L3	1454	2134	2140	2254	2430	2780	3680	3840	4030	3630	5030	4830	6390	7100
	L	2288	2968	3052	3246	3496	3920	4800	5060	5374	5282	6682	6690	8438	9250
	K	900	900	960	1120	1200	1260	1260	1380	1520	1940	1940	2200	2500	2660
	A	1060	1060	1120	1280	1360	1420	1420	1580	1720	2180	2180	2480	2780	2940
	n-Φ	4-Φ24	4-Φ24	4-Φ24	4-Φ24	4-Φ24	4-Φ24	4-Φ24	4-Φ24	4-Φ24	4-Φ28	4-Φ28	4-Φ28	4-Φ28	4-Φ28
罐体管口公称直径 Nozzle DN	a1	65	65	65	65	65	65	65	65	65	65	65	80	100	125
	a2	65	65	65	65	65	65	65	65	65	65	65	80	100	125
	a3	65	65	65	65	65	65	65	65	65	65	65	80	100	125
	a4	65	65	65	65	65	65	65	65	65	65	65	80	100	125
	b	80	80	80	80	80	100	100	100	100	100	100	150	150	150
	c	65	65	65	65	65	80	80	80	80	80	80	80	80	80
	d	65	65	65	65	65	80	80	80	80	80	80	80	80	80
	e	300x400	300x400	300x400	300x400	300x400	450	450	450	450	450	450	450	450	450
	f	80	80	80	80	80	100	100	100	100	100	100	150	150	150

搪玻璃电加热搅拌容器
Glass-Lined Reactors With Electric Heating



		罐内 Inner Vessel	夹套 Jacket
设计压力 Design Pressure	MPa	0.4	常压 ATM
设计温度 Design Temperature	℃	−19~200	−19~200

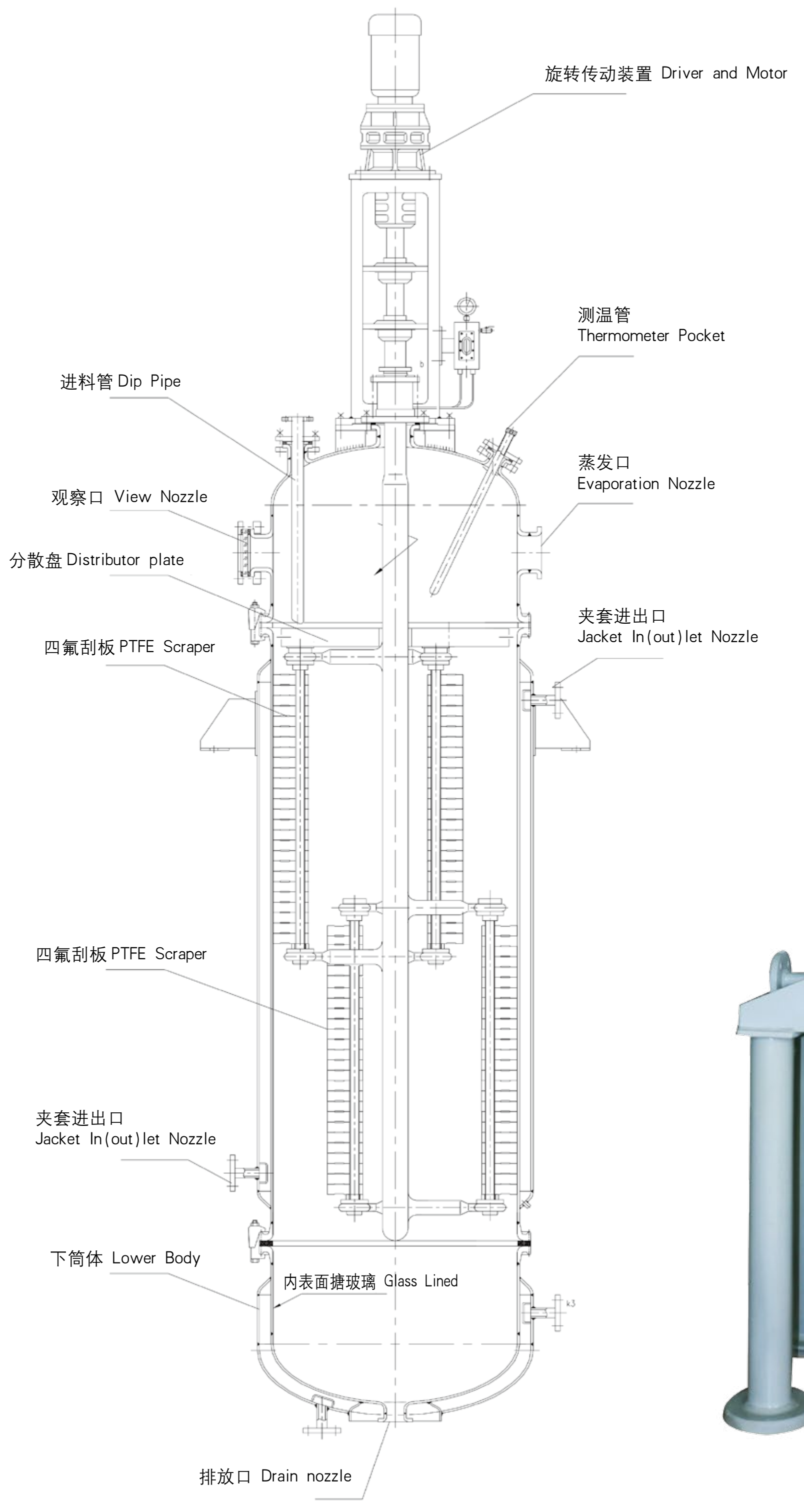
符号 Symbol	用途 Usage
P_{1-n}	电加热口 Electric Heater Joint
其余: a,b,c...... Others：a,b,c......	与同规格开式搪玻璃反应罐口用途一致 Nozzles usage referring to the same spec of K type glass-lined reactors

单位（Unit）：mm

规格 Specifications		K 50	K 100	K 200	K 300	K500	K1000	K1500	K2000	K3000	K4000	K5000
公称容积 Nominal Capacity	(L)	50	100	200	300	500	1000	1500	2000	3000	4000	5000
全容积 Total Capacity	(L)	102	180	325	483	743	1616	2172	2640	4170	5140	6470
计算容积（注1）Calculate Capacity(Notes 1)	(L)	71	128	247	369	588	1244	1714	2180	3370	4334	5443
夹套容积 Jacket Capacity	(L)	84	115	174	218	307	476	300	387	461	774	873
换热面积 Heat Exchange Area	(m^2)	0.53	0.85	1.26	1.75	2.64	4.55	5.76	7.23	9.33	11.85	13.74
参考重量 Reference Weight	(kg)	446	527	697	966	1174	1885	2280	2535	3555	4055	4940
主要尺寸 Main Dimension	d1	500	600	700	800	900	1200	1300	1300	1600	1600	1750
	d2	700	800	900	1000	1100	1400	1450	1450	1750	1750	1900
	d3	986	1087	1188	1288	1405	1738	1915	1915	2221	2221	2412
	d6	608	708	810	910	1010	1312	1389	1389	1690	1690	1840
	h	1835	1980	2245	2595	3035	3500	3700	4050	4210	4650	4820
	h1,h2	与同规格开式搪玻璃反应罐罐体尺寸一致 Same as spec of K type glass-lined reactors										
罐体管口公称直径 Nozzle DN	a,b,c,d	与同规格开式搪玻璃反应罐夹套接管一致 Jacket connecting nozzles referring to the same spec of K type glass-lined reactors										
夹套管口公称直径 Jacket Nozzle DN	p	65	65	65	65	65	65	65	65	65	65	65
	p1−n	p1−4	p1−6	p1−6	p1−6	p1−9	p1−12	p1−12	p1−12	p1−15	p1−15	p1−18
	k1,k2	与同规格开式搪玻璃反应罐管口一致 Nozzles size referring to same spec of K type glass-lined reactors										
驱动装置 Drive	dN	40	40	50	65	65	80	80	80	95	95	95
	h5	980	980	1250	1400	1400	1580	1580	1580	1680	1680	1680

注 计算容积：高颈法兰以下部分的容积。
Calculate Capacity:Volume under highneck flange

搪玻璃薄膜蒸发器
Glass lined Film Evaporator



●搪玻璃薄膜蒸发器是一种新型高效蒸发设备。它具有耐腐蚀，高真空，低沸点，高收率等特点，被广泛应用于适用于化工、制药、农药、废水，废酸处理等热敏性物料的加工过程。

●工作过程：

物料有高位槽通过预热进入搪玻璃薄膜蒸发器，通过物料分布器和刮板被均匀散布到薄膜蒸发器的加热壁面上，强制成膜，在真空下物料被均匀蒸发，轻组分从蒸发筒体中央的空间几乎无阻碍地离开蒸发器，重组分残渣直接流入锅底储罐。

●The glass-lined film evaporator is a new type of high-efficiency evaporation equipment. It has the characteristics of corrosion resistance, high vacuum, low boiling point and high yield. It is widely used in the processing of heat sensitive materials such as chemical, pharmaceutical, pesticide, waste water and waste acid treatment.

●Work process:

The material has a high-position tank that is preheated into the glass-lined film evaporator, and is evenly distributed to the heating wall surface of the thin film evaporator through the material distributor and the scraper, and is forcibly formed into a film, and the material is uniformly evaporated under vacuum, and the light component is evaporated. The light component evaporates from the center of the evaporation cylinder body unimpeded, and the heavy component residue flows directly into the bottom of the tank.

搪玻璃薄膜蒸发器（刮片式）技术参数表
TAIJI Glass Lined Film Evaporator(Scraper type) Technical Data Sheet

设计条件 Design Item	规格 Specification	蒸发面积 m^2 Evaporation Area	蒸发筒内径 mm Evaporation Barrels ID	蒸发筒长度 mm Evaporation Barrels Length	蒸发口规格 DN Specification for Evaporation Nozzle	参考转轴转速 r/min Rotation Speed For Reference r/min	电机功率 kw Power for Motor	参考设备总高 mm Total Height For Reference
蒸发筒内设计压力： Design Pressure in Evaporation Barrels -0.1/0.25Mpa	WFE-1.0	1	600	780	150	125	2.2	~3450
	WFE-2.0	2	600	1350	150	125	2.2	~4020
蒸发筒内设计温度： Design Temperature in Evaporation Barrels 200°C	WFE-3.0	3	600	1850	150	95	4.0	~4600
	WFE-4.0	4	800	1830	150	95	4.0	~4700
	WFE-5.0	5	900	2010	150	95	5.5	~5040
夹套内设计压力： Design Pressure in Jacket 0.6Mpa	WFE-6.0	6	900	2370	150	95	5.5	~5400
	WFE-7.0	7	1000	2460	150	95	7.5	~5520
夹套内设计温度： Design Temperature in Jacket 200°C	WFE-8.0	8	1000	2750	150	95	7.5	~5810
	WFE-19.0	9	1200	2600	200	85	11	~6000
	WFE-10.0	10	1200	2900	200	85	11	~6300

GMP 搪玻璃设备

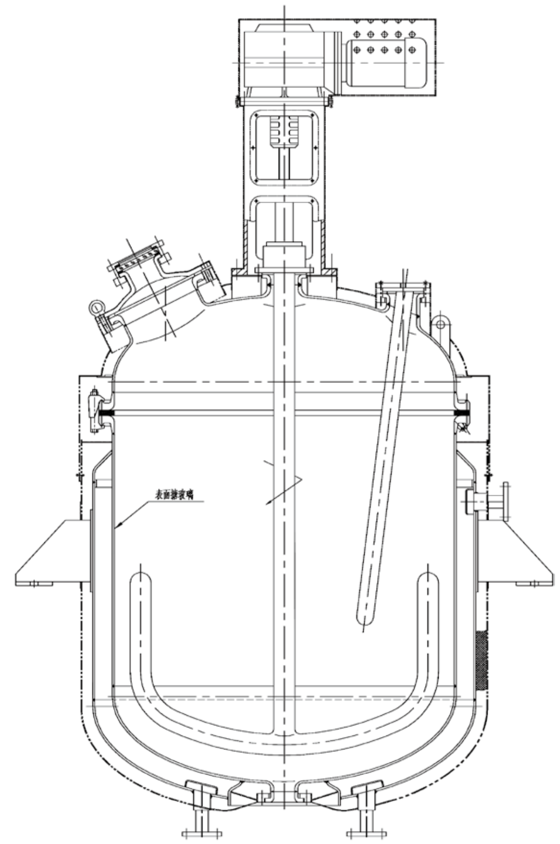
Glass–Lined Equipments Complying With GMP

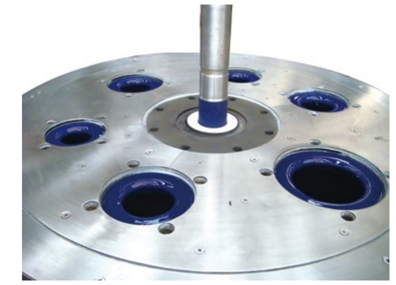
● 搪玻璃外包不锈钢设备：

符合GMP要求的搪玻璃设备，内筒搪玻璃，外层保温后外包不锈钢。可以根据用户的要求对表面进行镜面抛光或亚光处理。

● Glass–Lined Equipment Insulated With SS Cover:

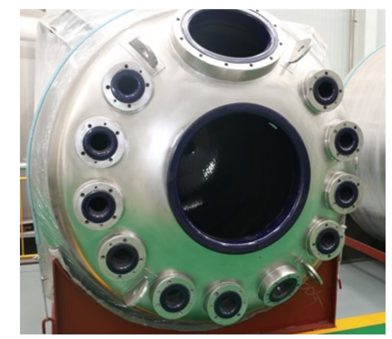
It complies with GMP requirement with glass– lined inside of the vessel and insulated with ss cover after heat preservation. Mirror polishing or matte finishing could be applied to the surface according to customer's requirement.





符合GMP要求的搪玻璃设备，所有的配件精心设计，整机调试出厂，是无菌室、制药、食品行业的首选。

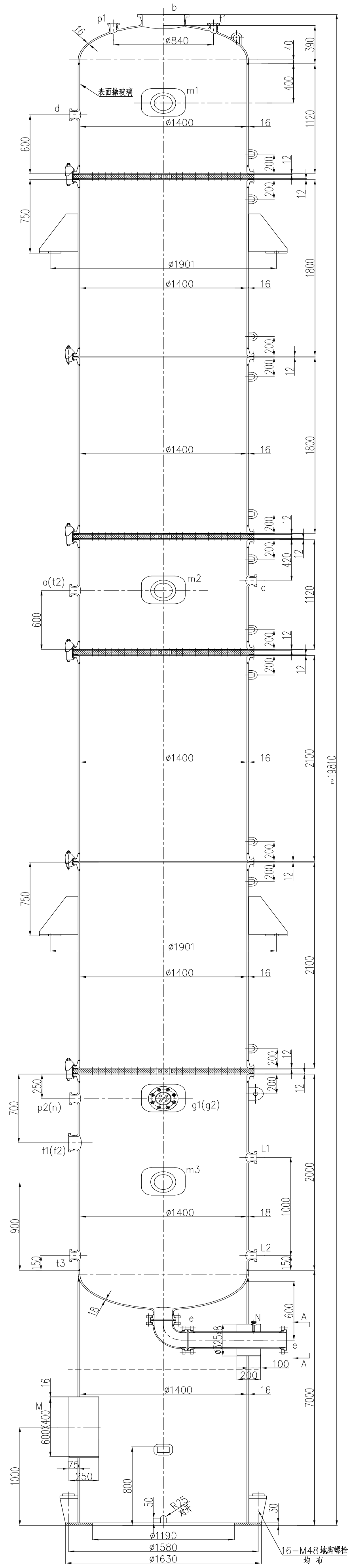
For glass–lined equipments complying with GMP requirement, all the accessaries are designed elaborately, and they are dispatched from factory after overall commissioning. It is the first choice for sterile room, pharmacy and food industry.

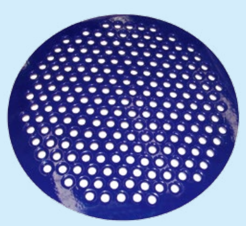


搪玻璃塔器
Glass-Lined Columns

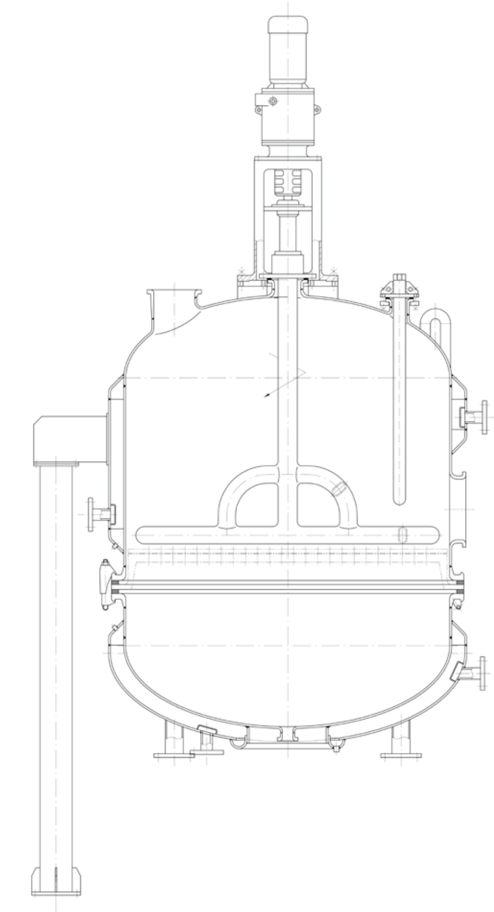
在制作搪玻璃塔器方面，我们多年积累了丰富的经验。我们可以根据客户不同的要求，对搪玻璃塔进行专门设计制作。搪玻璃塔器，可以选择带夹套型和不带夹套型。塔过滤板可以根据操作条件选择搪玻璃、四氟、玻璃钢及特材过滤板。

We have very rich experience in fabricating glass-lined columns and we can give special design and fabrication as per customer's different requirement. Glass-lined column can be with jacket or non-jacket and customer can choose glass-lined filter plate, PTFE filter plate or glass fiber reinforced plastic filter plate as per their operation condition.





搪玻璃过滤机
Glass-Lined Filters



搪玻璃过滤机，被广泛应用于腐蚀物料的固液分离，尤其在有毒介质、易燃易爆的介质及避免与空气接触介质的固液分离。它可以在全真空或最大正压6kg下工作。设备的夹套可以根据需要对滤液进行加热或冷却。过滤机的底部，可以采用液压升降装置，来帮助清除滤饼和更换滤布。

Glass-lined filter is widely used for solid-liquid separation of corrosive medium especially for the poisonous medium, flammable and explosive medium as well as the medium which can not contact with the air. It can work under full vacuum or max pressure 6kg. The jacket of the filter can be used to heat or cool the filter liquid according to customer's different requirement and the bottom of the filter can adopt hydraulic lifting device to help remove the filter cake and replace filter cloth.

不锈钢压力容器

Stainless Steel Pressure Vessels

不锈钢压力容器 Stainless Steel Pressure Vessels

我公司还可根据用户的要求设计，制作不锈钢、钛钢等各种非标准压力容器。

We are in a position to manufacture non-standard pressure vessels which are made of stainless steel, titanium steel, etc according to specific requirements of customers.

不锈钢贮存容器
Stainless Steel Storage Tanks

不锈钢贮存容器
Stainless Steel Storage Tanks

不锈钢贮存容器
Stainless Steel Storage Tanks

不锈钢列管式换热器
Stainless Steel Shell And Tube Heating Exchangers

不锈钢列管式换热器
Stainless Steel Shell And Tube Heating Exchangers

不锈钢双锥干燥机
Stainless steel double cone dryer

不锈钢搅拌容器
Stainless Steel Reactors

不锈钢搅拌容器
Stainless Steel Reactors

半管夹套不锈钢搅拌容器
Half tube jacket stainless steel stirring vessel

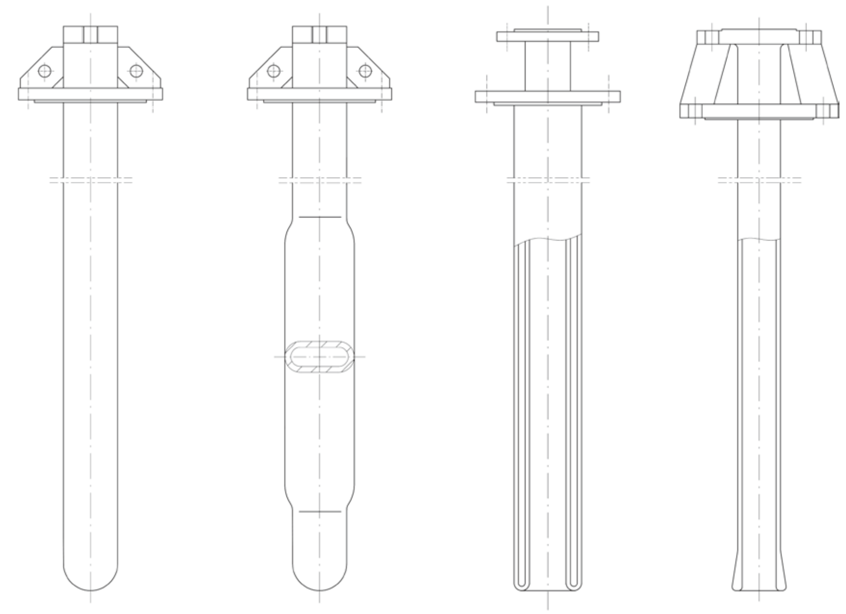
搪玻璃温度计套管和加料管

Glass-Lined Thermometer Pockets And Dip Pipes

搪玻璃温度计套管和加料管 Glass-Lined Thermometer Pockets And Dip Pipes

兼备流体折流和测温套管双重作用的搪玻璃挡板。

Glass-lined baffle with dual functions of fluid refraction and thermometer pocket.



A型　B型

法兰型挡板
Flange Type

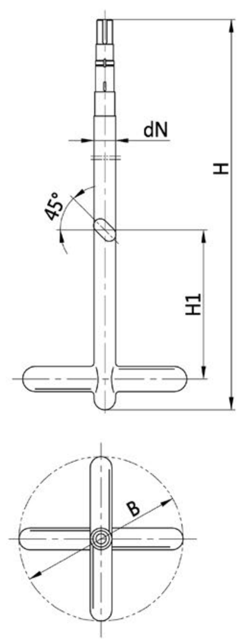
加料（吸料）管
Dip Pipes

带钽头温度传感器的温度计套管 Glass-Lined Thermometer Pockets With Temperature Sensor

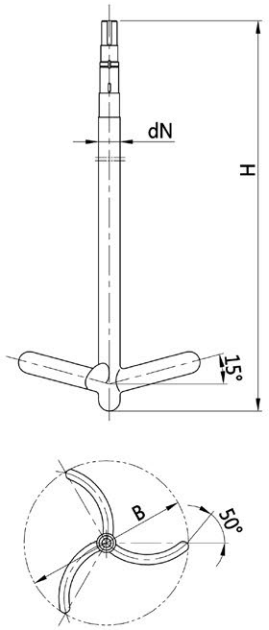
在搪玻璃温度计套管的底部加上金属钽的测温头和PT100的铂电阻，可以准确、实时测量反应罐内部的温度变化。

Tantalum cap and PT100 RTD can be installed in the bottom of the glass-lined thermometer pocket and it can accurately measure the temperature inside of the reactor in real time.

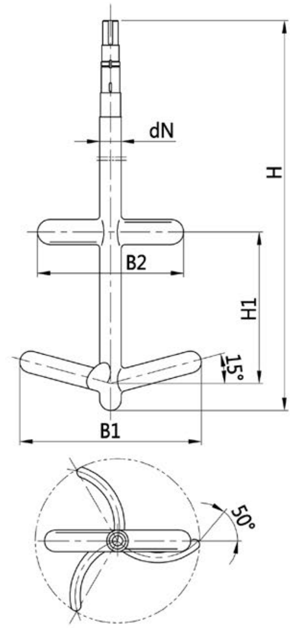
搪玻璃搅拌器
Glass-Lined Agitators



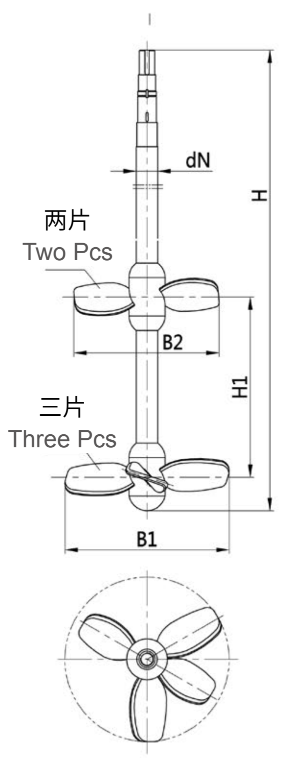
浆式 Paddle Type



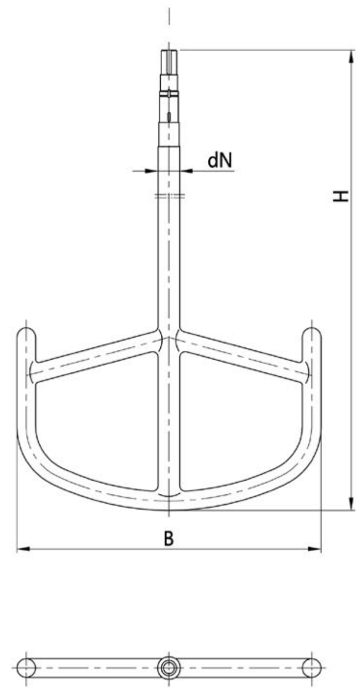
叶轮式 Turbine Type



组合式 Combination Type



叶片式 Propeller Type



框（锚）式 Frame (Anchor) Type

单位（Unit）：mm

公称容积(L)	搅拌轴径 dN	框(锚)式 Frame(Anchor) B	H	桨式 Paddle Type B	H1	H	叶轮式 Turbine Type B	H	组合式 Combination Type B1	B2	H1	H	叶片式 Propeller Type B1	B2	H1	H
K50	40	420	1010	300	100	1010	300	1010	300	300		1010				
K100	40	520	1145	300	120	1145	300	1145	300	300		1145	350			1115
K200	50	620	1440	400	150	1440	400	1440	400	400	150	1440	450			1425
K300	65	720	1690	400	200	1650	500	1650	500	400	200	1650	500			1650
K500	65	810	1915	450	400	1850	500	1850	500	450	400	1850	500			1850
K1000	80	1080	2210	680	600	2150	700	2150	700	680	600	2150	580			2050
K1500	80	1180	2390	680	600	2390	700	2390	700	680	600	2390	630			2260
K2000	80	1180	2730	680	600	2730	700	2730	700	680	600	2730	630			2610
K3000	95	1440	2930	720	700	2930	800	2930	800	720	700	2930	780	780	700	2775
K4000	95	1440	3405	720	700	3405	800	3405	800	720	700	3405	780	780	800	3255
K5000	95	1580	3530	720	800	3530	850	3530	850	720	800	3530	830	830	900	3370
K6300	95	1580	4000	720	800	3910	850	3910	850	720	800	3910	830	830	1000	3830
K8000	110	1800	4230										830	830	1100	4060
K10000	110	1800	4350										830	830	1100	4170
K12500	110	1800	5010										830	830	1200	4830

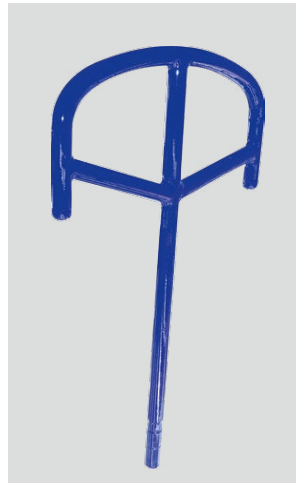
单位（Unit）：mm

公称容积(L)	搅拌轴径 dN	桨式 Paddle Type B	H1	H	叶轮式 Turbine Type B	H	组合式 Combination Type B1	B2	H1	H	叶片式 Propeller Type B1	B2	H1	H
F1500	80	680	600	2390	700	2390	700	580	600	2390	630			2325
F2000	80	680	600	2725	700	2725	700	580	600	2725	630			2660
F3000	95	720	700	2930	800	2930	800	720	700	2930	630	580	700	2760
F4000	95	720	700	3405	800	3405	800	720	700	3405	630	580	800	3215
F5000	95	720	800	3530	850	3530	850	720	800	3530	630	580	900	3380
F6300	95	720	800	3905	850	3905	850	720	800	3905	630	580	1000	3750
F8000	110	880	1000	3890	1100	3890	1100	880	1000	3890	830	780	1100	3850
F10000	110	980	1100	4090	1200	4090	1200	980	1100	4090	830	780	1100	4090
F12500	110	980	1100	4610	1200	4610	1200	980	1100	4610	830	780	1200	4600
F16000	130	980	1200	4840	1200	4840	1200	980	1200	4840	830	780	1300	4750
F20000	140	1080	1200	5390	1300	5390	1300	1080	1200	5390	930	880	1300	5320
F30000	160	1300	1300	6145	1300	6145	1300	1080	1300	6145	1030	1030	1500	6000
F40000	160	1400	1400	6180	1400	6180	1400	1400	1400	6180				
F50000	180	1600	1600	6530	1600	6530	1600	1600	1600	6530				

搪玻璃搅拌器系列
Glass-Lined Agitators

桨式 Paddle Type　　锚式 Anchor Type

叶片式 Propeller Type



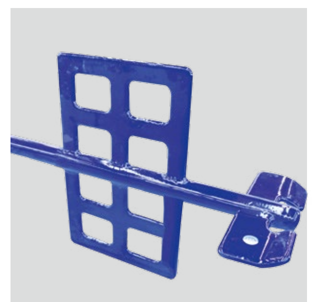
框式 Frame Type

蒸发式 Evaporation type

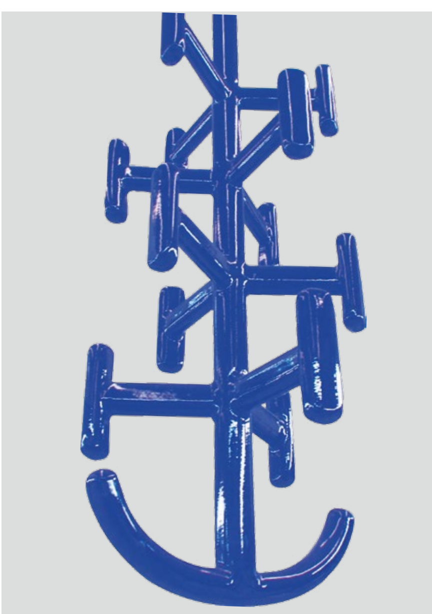
圆盘涡轮式 Rushton Turbine Type

叶轮式 Turbine Type

可拆卸涡轮式
Frozen Assembly Turbo Type



门板式 Gate Type



布尔马金式
Booleam Malcolm Type

高效双折叶式
Double Folded Blades Type

两叶轴流组合式
Propulsive Combination Type

可拆卸组合式
Frozen Assembly Type

可拆装式搪玻璃搅拌器
Frozen Assembly Glass-Lined Agitators

CBT 涡轮式

TBF 推进式

PBT 斜叶桨式

VBT 直叶桨式

MIG 折叶桨式

VDT 圆盘涡轮

ANC 锚式

CBT+TBF 组合式

	混合 Blending And Heat Transfer	乳化 Emulsification	悬浮 Suspension	气体弥散 Gas Dispersion	高粘度 High Viscosity	低液位搅拌 Low-Level Mixing
CBT 涡轮式	优秀 Excellent	好 Good	好 Good	一般 Adequate	一般 Adequate	优秀 Excellent
TBF 推进式	优秀 Excellent	一般 Adequate	好 Good	一般 Adequate	好 Good	一般 Adequate
PBT 斜叶桨式	优秀 Excellent	好 Good	优秀 Excellent	一般 Adequate	好 Good	一般 Adequate
VBT 直叶桨式	好 Good	优秀 Excellent	一般 Adequate	一般 Adequate	一般 Adequate	一般 Adequate
MIG 折叶桨式	优秀 Excellent	好 Good	好 Good	一般 Adequate	一般 Adequate	一般 Adequate
VDT 圆盘涡轮	好 Good	好 Good	好 Good	优秀 Excellent	一般 Adequate	一般 Adequate
ANC 锚式	一般 Adequate	差 Poor	一般 Adequate	差 Poor	好 Good	好 Good
CBT+TBF 组合式	优秀 Excellent	优秀 Excellent	优秀 Excellent	优秀 Excellent	优秀 Excellent	优秀 Excellent

搪玻璃放料阀
Glass–Lined Flush Valves

这种放料阀是搪玻璃反应罐专用的底部放料阀，它的阀体是由铸铁或铸钢制造的。在阀体的内表面及阀芯外表面均有搪玻璃，阀芯的密封是通过压紧聚四氟乙烯密封环来实现的。这种阀门分为上展式和下展式两类。

这种搪玻璃放料阀，还可以安装上测温钽头，实现反应釜内的温度实时监测，避免了通过温度计套管测温时出现温度延迟及不准确的现象。该阀门还可通过更换阀芯的气动开启装置，来实现反应罐卸料的远程控制。

This type flush valve is specially used as bottom flush valve for glass–lined reactor. Its body is made by cast iron or cast steel and both inner surface of body and outer surface of valve core are glass–lined. The sealing of the valve core is achieved by compression of PTFE seal ring. It has two types: upper–moving type and lower–moving type.

This kind of glass–lined flush valve can be installed with tantalum cap to measure the temperature. It can measure the temperature very fast to avoid the delay or error of getting the temperature value by using normal thermorwell pocket. The flush valve also can realize the remote control of glass–lined reactor discharging by changing the air actuated device of valve core.


手动测温放料阀


常规放料阀

公称压力 PN Nominal Pressure	PN0.6 PN1.0				
公称直径 DN Nominal Diameter	65/50	80/50	100/65	125/100	150/100


波纹密封测温放料阀
手自一体

搪玻璃搪瓷波纹管密封型放料阀，是填料密封型放料阀的替代产品，具有密封性能可靠，清洗方便，可承受更高的操作压力等特点。阀体采用冲压成型的方式，材料强度大大提高。使用温度范围：-19°C-200°C。工作压力：0.6-1.6Mpa。

Glass–lined bellows seal type discharge valve, it is replacement product of stuffing seal type discharge valve. It has more reliable sealing performance, easy cleaning and operation. It can be used in higher operating pressure and lower operating temperature. The valve body is molded by stamping method. The strength of material is greatly improved than normal cast steel. Operating temperature: –19℃ –200℃, Working pressure: 0.6–1.6 Mpa.

公称压力 PN Nominal Pressure	PN1.0			
公称直径 DN Nominal Diameter	80/50	100/80	125/80	150/100

机械密封
Mechanical Seals

2009/2020 型双端面机械密封 2009/2020 Type Double Mechanical Seals

压力Pressure：-0.1~1.0MPa
温度Temperature：-20~200°C
转速Rotating Speed：≤2m/s
特点Characteristics：集装式结构、传动无方向性，主要适用各种强腐蚀带颗粒介质。
Integrated structure, directionless drive, suitable for various strong corrosion medium with particles.

212 型单端面机械密封 212 Type Single Mechanical Seals

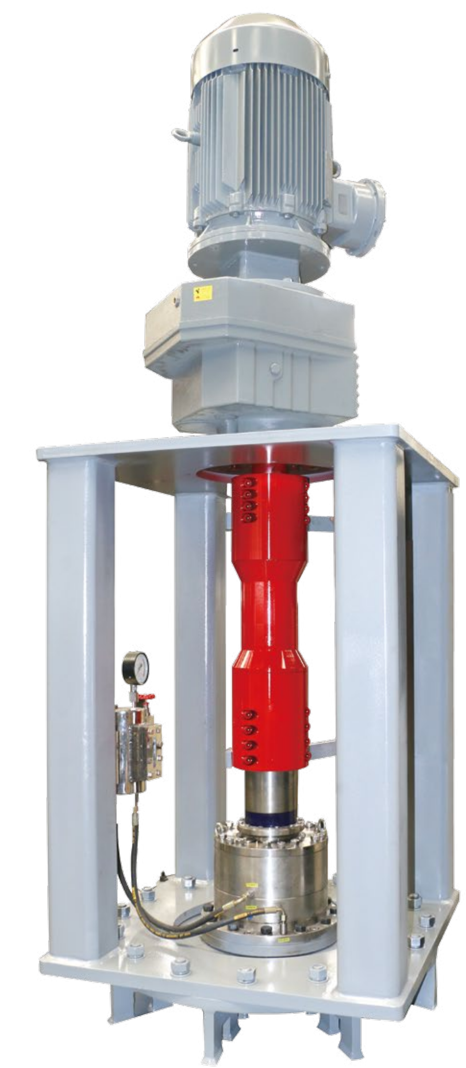
压力Pressure：0~0.4MPa
温度Temperature：-20~200°C
转速Rotating Speed：≤2m/s
特点Characteristics：结构简单、安装空间小，易清理、保养，适用无颗粒的各种强腐介质。
Simple structure, small installation space, easy cleaning & maintenance, suitable for various strong corrosion medium without particles.

212F 型单端面干磨式机械密封 212F Type Dry Single Mechanical Seals

压力Pressure：-0.1~0.2 MPa
温度Temperature：-20~120°C
转速Rotating Speed：≤2m/s
特点Characteristics：干磨式密封，无需润滑，带有可拆式有机玻璃防尘装置，易清理；与介质接触部件材料为非金属，耐腐蚀性强，适合除结晶性与氢氟酸之外的各种强腐介质。
Dry seal without lubrication, with detachable organic glass dust-proof cover, easy cleaning, all parts contact with medium are made of nonmetallic material, suitable for various strong corrosion medium except crystalline and hydrofluoric acid.

快速拆装密封驱动系统

Quick replacement of shaft se al drive system



快速更换轴封驱动系统:其特点在于可以非常方便的更换搅拌轴密封，无需拆卸传动装置和搅拌器，工人即可用专用工具快速更换机械密封。

Quick replacement of shaft seal drive system, its characteristics is very convenient to replace the mixing shaft seal, no need to remove the transmission device and agitat or,workers can used special tools to quickly replace the mechanical seal.

驱动装置
Drives

斜齿轮减速机 Helical Gear Reducers

斜齿轮减速机，采用最优化，模块化的设计理念，具有体积小、重量轻、传递转矩大、起动平稳、传动比分级精细等特点，可根据用户要求选择不同的安装位置。齿轮采用优质高强度合金钢，表面渗碳硬化处理，承载能力强，经久耐用。

Helical gear reducer adopts the most optimized and modular design concept and it has the characteristic of small size, light weight, large transmission torque, smooth starting, fine ratio grading. Customers can choose different installation location according to their requirement. Gear adopts excellent high strength alloy steel and its surface is done with carburizing and hardening treatment. It has strong carrying capacity and can be used for a long time.

立式 Vertical

DJ支架

卧式 Horizontal

四柱式机架 / 带不锈钢护网四柱式机架 Four Column Rack/Four Column Rack With Stainless Steel Protective Net

四柱方管双支点支架
Four column square tube double support bracket

四柱方管单支点支架
Four column square tube single support bracket

对于容器内物料粘度高或者整体搅拌器摆动量较大的设备，可以选用具备快拆结构的高强度四柱式机架。

四柱式机架跨距大，稳定性好，中间使用大轴承座可以有效保护减速机与机械密封。可使用配套的工装快速拆装轴承座与机械密封，不必使用吊车对电机减速机进行吊装，现场施工人员就可以快捷操作快捷操作，极大提高了运行效率。

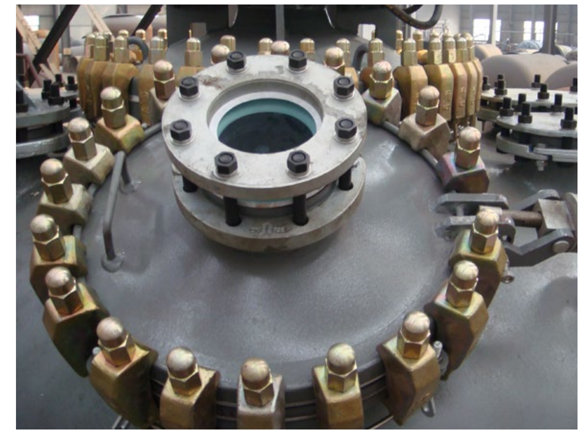
另外，不必使用原有不劳靠的卡环悬吊搅拌轴，避免了搅拌器不慎坠落砸罐的风险，同时也不必加高机架以及使用加长联轴器，在降低采购成本之余也提高了整体设备配件的通用性。

For equipment with high viscosity of materials inside the container or large swing of the overall mixer, a high-strength four column rack with a quick disassembly structure can be selected.

The four column frame has a large span and good stability. The use of a large bearing seat in the middle can effectively protect the reducer and mechanical seal. The bearing seat and mechanical seal can be quickly disassembled and assembled using matching fixtures, without the need for a crane to lift the motor reducer, which greatly improves operational efficiency. In addition, there is no need to use the original unreliable snap ring to suspend the mixing shaft, avoiding the risk of the mixer accidentally falling and smashing the tank.

At the same time, there is no need to raise the rack or use extended couplings, which reduces procurement costs and improves the universality of the overall equipment accessories.

人孔装置
Manhole Cover Devices



此人孔装置，带有保护环和弹簧辅助开启装置，可比较容易的装配在搪玻璃反应釜上，利用弹簧的作用，可方便地打开和关闭。保护环装置可避免投料时对釜盖人孔的磨损和碰伤。

The manhole device with protection ring and spring assisted opening device, can be easily assembled on top of glass-lined reactors, easy to open and close. When feeding, the manhole can avoid being worn and bruised with the protection ring device .

人孔平衡器 Manhole balancer

卡帕金属铰链也称人孔阻尼器、人孔平衡器产品，是一种人孔的快开装置，其功能主要是的助力，使用弹簧的扭力能安全且省力的开启装置，适用于5-200KG 不同重量的反应釜人孔盖，产品的使用非常简单，扭矩调整只需调整螺丝便可在扭矩范围内无限制调节打开盖子的力度，操作简单安全。

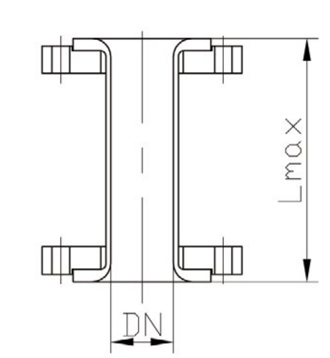
Capa metal hinge, also known as manhole damper or manhole balancer product, is a quick opening device for manholes. Its main function is to assist, and the torque of the spring can be used as a safe and labor-saving opening device. It is suitable for manhole covers of reaction kettles with different weights of 5-200KG. The use of the product is very simple, and the torque adjustment only requires adjusting the screw to adjust the force of opening the cover within the torque range, making the operation simple and safe.

搪玻璃管件

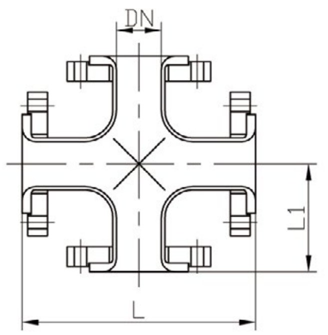
Glass-Lined Pipes And Fittings

我们有各种规格的搪玻璃管件及塔节供用户选择，也可根据用户要求制作各种异型的管件

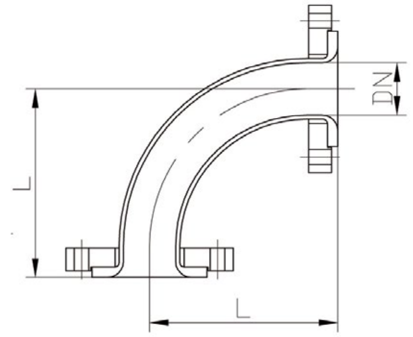
Various glass-lined pipes and columns are available. We also manufacture them according to your requirements.



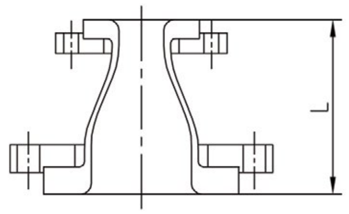
直管 PIPES



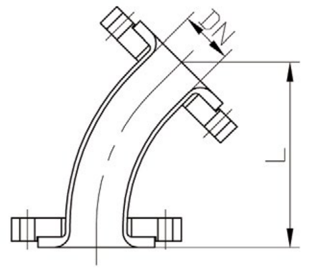
四通 CROSS



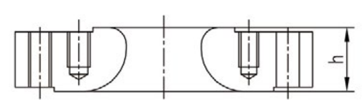
90° 弯头 90° ELBOW



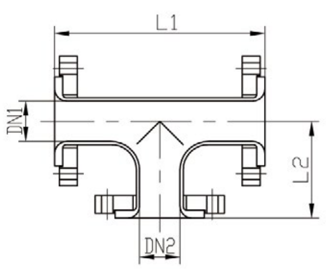
异径法兰 FLANGED TAPERS



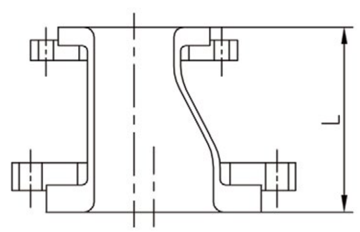
45° 弯头 45° ELBOW



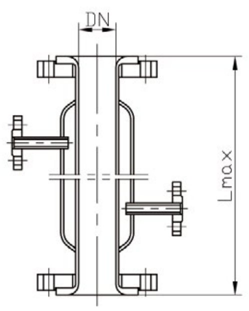
同心异径管 CONCENTRIC PIPES



三通 TEE



偏心异径管 ECCENTRIC PIPES



带夹套直管 JACKETED PIPES

活套法兰和垫片

Split Flanges And Gaskets

不锈钢波纹垫片 Stainless Steel Corrugated Gasket

高品质的非石棉不锈钢波纹板垫片,适用于公称压力小于或等于1Mpa,工作温度-20℃～200℃的搪玻璃设备。其内部有不锈钢波纹 板夹层，使垫片在使用中有很好的弹性和密封性。

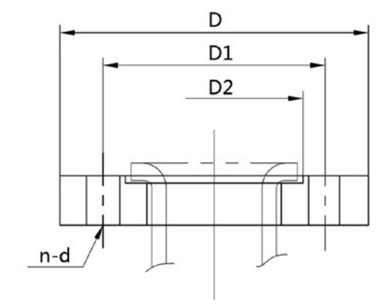
High quality non–asbestos with SS corrugation gasket enveloped PTFE is available for glass–lined equipments with nominal pressure less than or equal to 1 Mpa and working temperature –20° C–+200° C. It has stainless steel corrugation layer which could make the gasket have good elastic and sealing performance when it is being used.

硫化纤维垫片 Sulfide Fiber Gasket

硫化纤维垫片具有耐高温、耐磨损、耐压力、电气绝缘性能好、柔韧性强、密封性能好等特点。

Sulfurized fiber gaskets have the characteristics of high temperature resistance, wear resistance, pressure resistance, good electrical insulation performance, strong flexibility, and good sealing performance.

活套法兰 Split Flanges



公称压力 PN Nominal Pressure / 公称直径 DN Nominal Diameter	PN1.0				PN1.6			
	D mm	D1 mm	D2 mm	n-d	D mm	D1 mm	D2 mm	n-d
50	165	125	104	4-18	165	125	104	4-18
65	185	145	124	8-18	185	145	124	8-18
80	200	160	135	8-18	200	160	135	8-18
100	220	180	160	8-18	220	180	160	8-18
125	250	210	190	8-18	250	210	190	8-18
150	285	240	214	8-22	285	240	214	8-22
200	340	295	270	8-22	340	295	270	12-22
250	395	350	324	12-22	405	355	324	12-26

高性能的搪玻璃釉

High Performance Enamel

高耐腐蚀性能瓷釉 TJ2009、TJ2016、TJ2021 Corrosion Resistance Property

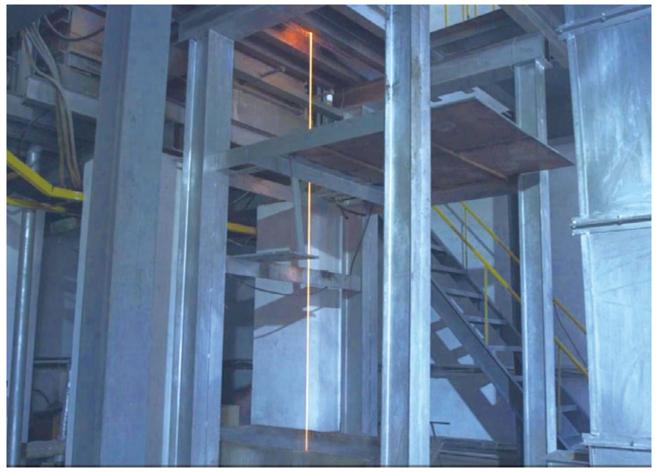
TJ2009

TJ2016

TJ2021S

太极自行研制的TJ2009、TJ2016、TJ2021瓷釉的性能已经达到国际先进水平。在抗酸、碱腐蚀、机械冲击，耐温急变及耐磨蚀方面，均有卓越的性能。它可以抵抗除氢氟酸和浓磷酸之外的一切有机酸、无机酸、有机溶剂及弱碱等介质的侵蚀。

TJ2009, TJ2016 and TJ2021 enamel developed by TAIJI itself has reached the international advanced level. It has an excellent performance in resistance to acids, alkalis corrosion, mechanical shock and sharp temperature variation. It can resist to corrosion of various organic and inorganic acids, organic solvents and weak alkalis except hydrofluoric acid and phosphoric acid.



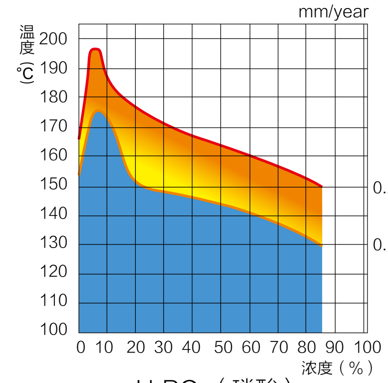
太极瓷釉均采用国际先进的电熔炉烧结工艺，配料精准，严格控制每一道制作工序，充分保证了搪瓷釉料的质量。

TAIJI enamel adopts international advanced electric furnace sintering process and accurate compounding for enamel, strictly controls every production process and completely guarantees the quality of the enamel.

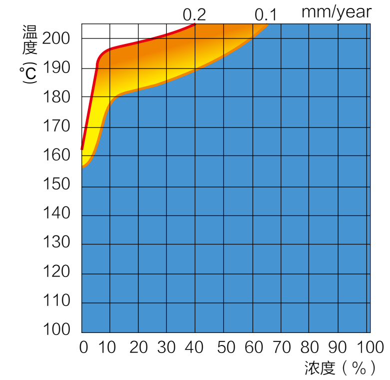
腐蚀曲线 The Corrosion Curves

下图腐蚀曲线图展示了典型酸、碱介质的腐蚀性。当腐蚀速率小于0.1mm/年时，说明介质对搪玻璃腐蚀性很弱，推荐使用。当腐蚀速率在0.1～0.2mm/年时，说明介质对搪玻璃有一定的腐蚀，要定期检查搪玻璃被腐蚀的情况。当腐蚀速率大于0.2mm/年时，说明介质对搪玻璃有严重腐蚀，不推荐使用。下图展示了介质在不同的温度和浓度下，对搪玻璃瓷层产生的腐蚀曲线。

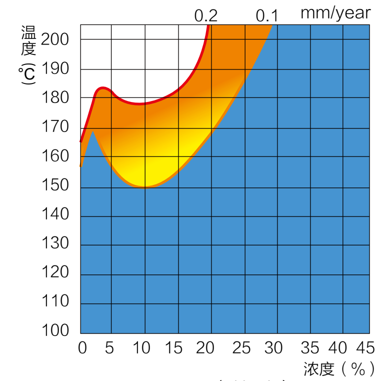
The corrosion curves show the typical corrosion of acid and alkali medium. When the corrosion rate less than 0.1mm/year, that medium on the glass-lined surface corrosion is very weak and recommended to be used. When the corrosion rate in 0.1~0.2mm/year that the medium has some corrosion for glass-lined surface, so need regularly check the glass-lined surface corrosion situation. When the corrosion rate more than 0.2mm/year, that medium has a serious corrosion in glass-lined surface, it is does not recommend to be used. The below figure shows the corrosion curves of the medium at different temperatures and concentrations.



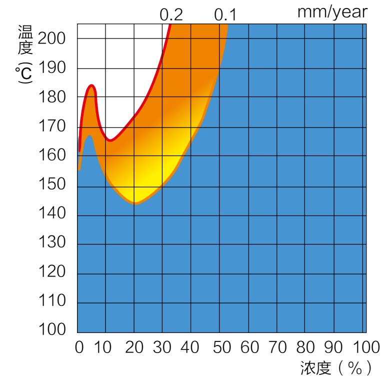
H_3PO_4（磷酸）



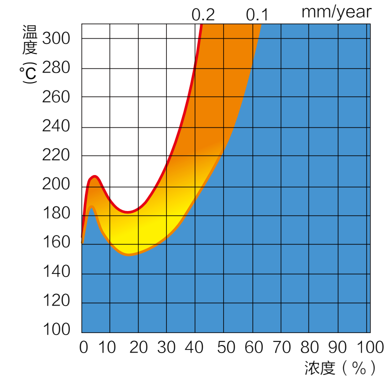
CH_3COOH（乙酸/醋酸）



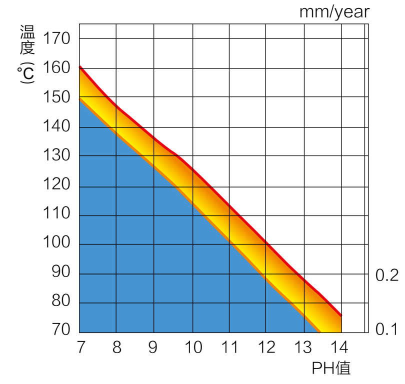
HCl（盐酸）



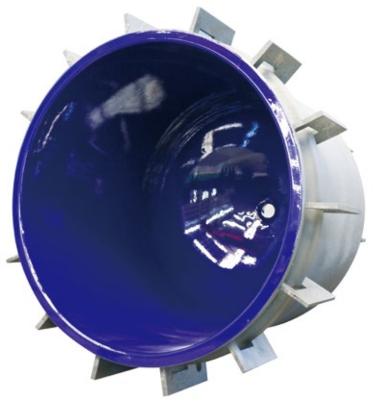
HNO_3(硝酸)



H_2SO_4(硫酸)



碱性物料



07 国际客户
International clients





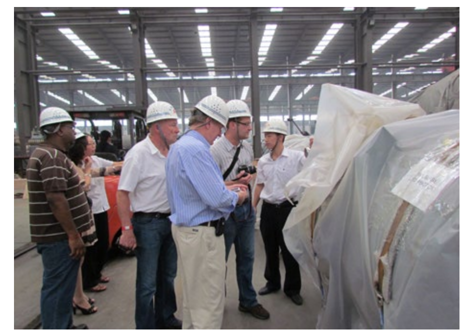
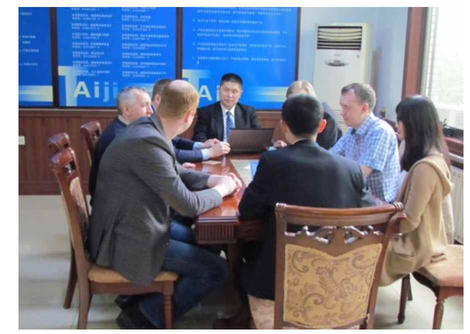












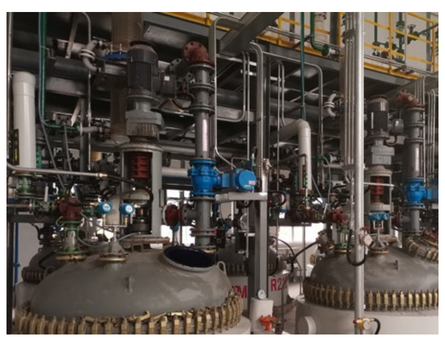



08 客户现场
Customer installation site













人品决定产品　产品反映人品

长17米重39吨大型非标搪玻璃设备太极制造，国内首创。
TAIJI Manufacturing, a large-scale non-standard enamel glass equipment with a length of 17 meters and a weight of 39 tons, is the first in China.

09 重点记事
Key Notes

1972-1999

1972年06月 ● 太极公司董事长傅光胜的父亲傅其恩先生率领淄博市傅家镇乡公社人民生产制造出了中国乡镇第一批搪玻璃设备。
1986年09月 ● 时年24岁的太极公司董事长傅光胜先生开始从事搪玻璃设备制造企业的全面管理工作。
1989年12月 ● 太极公司过渡企业“太和工业搪瓷厂”成立。
1993年09月 ● 十九名股东正式独立经营制造搪玻璃设备。
1994年06月 ● 淄博太极工业搪瓷有限公司正式挂牌成立，骨干员工均是从77年开始从事搪玻璃设备研发制造工作。
1995年10月 ● 太极公司取得了国家一类、二类压力容器设计与制造资质。
1997年12月 ● 在中国同行业中第一批取得美国ASME认证及国家进出口许可证。
1998年10月 ● 太极公司在美国、巴西、俄罗斯、印度等国家设置代理，并已广泛出口搪玻璃设备。
1999年10月 ● 在中国同行业中首批通过ISO9001国际质量管理体系认证。

2000-2009

2000年03月 ● 自主研发设计成功制造大型搪玻璃设备的制造烧成技术，开启我国生产大型搪瓷设备的进程。
2001年08月 ● 出口日本的一大批非标搪玻璃设备虽工期极短，但仍按期保质交货，并且一次性通过非常苛刻严格细致的验收。
2003年09月 ● 投资3亿，占地210亩的太极工业园建成并投入使用，同年具备国内领先水平的太极搪玻璃设备生产流水线全面投入使用。
2003年11月 ● 取得国家三类压力容器设计及制造资质，并成为当时中国地区搪玻璃设备制造厂家龙头企业。
2004年05月 ● 太极已取得三十六项搪玻璃设备生产专利技术，并荣获“山东省专利明星企业”。
2005年07月 ● 太极投入2000万建成可烧制10万升容积的搪烧专利电炉。
2006年12月 ● 太极搪玻璃设备获得“山东名牌”荣誉称号。
2007年01月 ● 中国第一台80000升搪玻璃大罐在太极制造成功。
2007年02月 ● 太极公司成功取得了欧洲PED认证，太极搪玻璃设备开始进军欧洲市场。
2008年03月 ● 中国太极搪玻璃设备已经覆盖全球23个国家和地区。
2008年08月 ● 投入一亿二千万元购买和自建高档住宅120余套，四星级单身宿舍200余间，用于员工福利。
2009年03月 ● 太极公司成为淄博市、区政府管理示范企业。
2009年05月 ● 公司成功研制TJ09瓷釉，耐酸、耐碱、耐腐蚀、耐机械冲击等都达到世界同行业先进水平。
2009年09月 ● 中国同行业中首批通过ISO14001国际环境管理体系认证。

2010-2019

2010年06月 ● 中国搪瓷工业协会授予太极“中国搪瓷行业（工业搪瓷）十强企业”荣誉称号。
2010年09月 ● 投入6000余万元在三亚购入房产30余套供员工休闲养老度假使用。
2012年02月 ● 纳税金额超2000万元，并且逐年递增。
2014年12月 ● 太极员工已有600余人，技术人员200余人，配套设备400余台，净资产达5亿元。
2015年03月 ● 投资5000万建成不锈钢设备及高端非标搪玻璃设备高标准化生产车间。
2015年08月 ● 成功研制出冷冻可拆卸式搪玻璃搅拌器，大大缩短了更换搅拌的速度并极大提高了搅拌效率。
2016年02月 ● 成功研制出高端搪玻璃薄膜蒸发器及高性能TJ2016瓷釉。
2016年03月 ● 中央电视台大型记录片CCTV发现之旅《品质》栏目走进太极。
2016年08月 ● 投资3000万建成专业制造符合GMP标准外包不锈钢搪玻璃设备的生产车间。
2016年11月 ● 太极参加由中央电视台CCTV《品质》栏目和《中国经济观察报》联合主办的“中国制造十佳品质”评选颁奖活动，并荣获“中国制造十佳品质”优秀企业称号。
2017年03月 ● 建成150立方的大型搪玻璃设备烧成电炉，是国内极少数可以制造大型搪玻璃设备生产厂家。
2018年10月 ● 太极公司成功制造客户订制的60000L巨型锥形搪玻璃反应釜，设备总长度达13.8米，远远刷新了搪玻璃反应釜长度记录。
2019年01月 ● 2018年度淄博太极工业搪瓷有限公司利税超8000万。
2019年03月 ● 再创国内之最，长17米重39吨大型非标搪玻璃设备一次性检验合格通过，如期交付使用。

2020- 至今

2020年08月 ● 新购土地100亩，计划投资5亿元，建成中国最大的“大型高端搪玻璃设备生产线”。
2020年08月 ● 投资5亿元，建成国内最大的“大型高端搪玻璃设备生产车间”，可制造最大搪玻璃设备达18万升。
2021年09月 ● 投资2亿元，建成太极氟塑料设备厂，同年申请多项氟塑料设备生产专利技术。
2022年03月 ● 研制成功反应釜自动取样系统，可以实现反应过程中的在线快捷精准取样，得到客户的一致认可。
2023年09月 ● 国内最大的9万升搪玻璃反应釜搅拌研制成功，顺利通过各项检验，技术突破，行业创新。
2024年03月 ● 13.5万升大型搪玻璃设备研制成功，圆满交付客户手中，得到用户的高度肯定。
2024年05月 ● 成功研制的新一代高性能搪玻璃瓷釉TJ2021，已经达到或超过目前国际先进水平，正式投入使用。
2024年05月 ● 建成太极搪玻璃设备配件车间，实现配件全部自主生产，大大综合提高了产品的综合性能和品质。
2024年09月 ● “太极特材装备厂”将建成并投入使用，加强了公司对GMP外包不锈钢搪玻璃设备及不锈钢等特材装备的生产制作，满足市场的需求。从而形成了“太极搪玻璃设备厂”、“太极氟塑料设备厂”“太极大型机械装备厂”“太极特材装备厂”四大厂区。进一步奠定了太极公司在搪玻璃耐腐蚀设备行业的龙头地位。
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