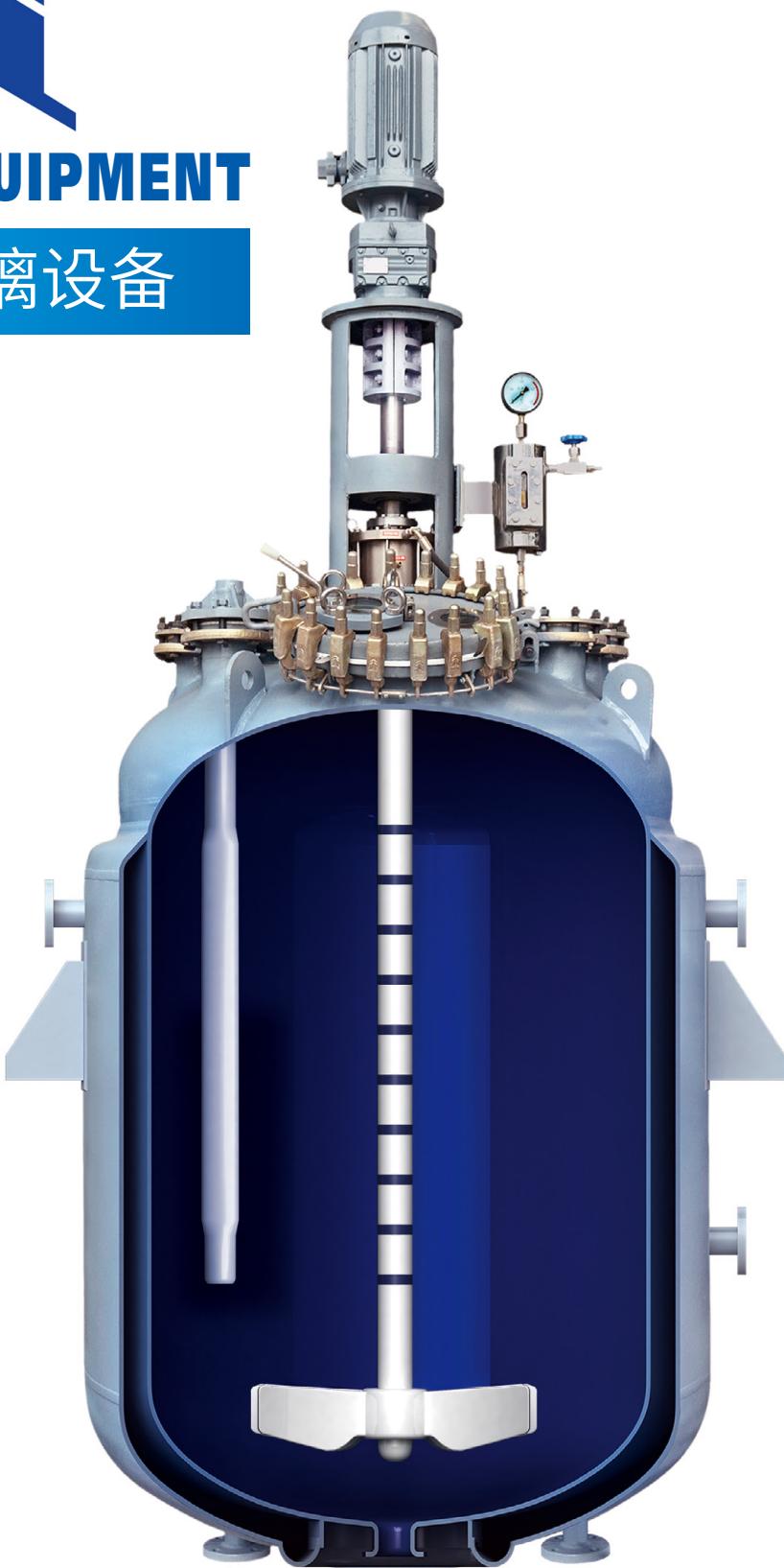




中国太极搪玻璃设备



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

CHINA TAIJI GLASS-LINED EQUIPMENT

太极，中国专业的搪玻璃设备生产企业。

太极，化工制药搪玻璃设备行业知名品牌。

太极，中国大型高品质搪玻璃设备领导者。



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淄博太极工业搪瓷有限公司位于山东省淄博市桓台县果里世纪工业园内，是国内专业制造搪玻璃设备及碳钢、不锈钢压力容器的大型企业。公司占地面积23万平米，其中生产车间16万平米。拥有先进成熟的搪玻璃设备制造工艺及认真负责的员工队伍，有着我国早期从事搪玻璃设备研究制造的专业人才和一批高学历创新技术人才。

太极公司现有员工1000余人，其中专业技术人员达300人，年生产搪玻璃设备3万台（件），注册资金1亿900万元，净资产达8亿元。太极搪玻璃设备荣获“山东名牌”称号，太极搪玻璃设备年产量及销售量在全国同行业中名列前茅，是中国搪玻璃行业十强企业，并先后3次起草制定《搪玻璃设备》国家标准。

太极公司拥有国家A2级特种设备生产许可证（I、II、III类压力容器设计制造许可证）。在同行业中首批取得了进出口许可证、美国ASME认证、欧洲PED认证、俄罗斯RTN认证等。在同行业中首批通过ISO9001国际质量管理体系认证及ISO14001国际环境管理体系认证。太极拥有三十六项搪玻璃设备生产专利技术，荣获“中国专利山东明星企业”称号，新产品与新技术的不断研发，使得太极公司在搪玻璃行业中始终处于技术前列。中央电视台大型记录片CCTV发现之旅《品质》栏目曾走进淄博太极，用镜头记录宣播了“中国·淄博·太极搪玻璃设备”的生产制造。同年，太极公司被邀参加由中央电视台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”优秀企业光荣称号。



Zibo Taiji Industrial Enamel Co., Ltd is located in Guoli New Century industrial park, Huantai county, Zibo city, Shandong province. TAIJI is a large enterprise which specializes in manufacturing glass-lined chemical equipments, carbon steel, stainless steel and titanium steel pressure vessels. It occupies a total area of 230,000 square meters including 160,000 square meters of workshop. TAIJI has the most advanced and mature glass-lined equipment manufacturing technology and a responsible staff team. With advanced and mature glass-lined equipment manufacturing technology and a responsible staff team, we have professional talents and a group of highly educated and innovative technical personnel who are engaged in the research and manufacture of glass-lined equipment in the earlier years in China.

Now, TAIJI have 1,000 staff in total including 300 technical persons. TAIJI manufactures more than 30,000 sets glass-lined equipments annually. Registered fund 10,900 million CNY And net asset over 0.8 billion CNY. TAIJI get the title of “Shandong Famous Brand” for the glass-lined equipments. The annual output and sales volume of TAIJI glass-lined equipment ranks among the best in the industry in China, and It is one of the top ten enterprises in China’s glass lined industry.

TAIJI possesses the Design and Manufacture Certificate for the National Class I, II, III Pressure Vessels. It is among the first batch companies to obtain import and export licenses, American ASME certificate, European PED certificate and Russian RTN certification in glass-lined industry. Besides, we are the first company to pass ISO9001 Quality System Certificate and ISO14001 Environment System Certificate in glass-lined industry. Taiji has thirty-six patented technologies for

CHINA TAIJI GLASS-LINED EQUIPMENT

太极，中国专业搪玻璃设备

太极公司以其高品质的产品和热情周到的服务赢得了国内外众多新老客户的信赖和长期合作，淄博太极搪玻璃设备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、埃及、印度、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。

“一切工作让用户满意”，太极公司自创立之初，便把科技创新作为立厂之本，使得太极搪玻璃设备设计制造技术及生产工艺不断提高，始终处于行业前列，打造出了“中国太极搪玻璃设备”这一品牌，为石油、化工、医药、农药、食品、印染等行业提供了各种规格型号系列的高品质标准及非标搪玻璃设备。

“宇宙无极万物生，淄博太极德天功”。古老的太极文化与现代化的淄博太极和谐共荣，健康发展。太极全体员工正凝神聚力，精神饱满，和谐激扬，在公司董事长傅光胜的英明带领下向着打造百年太极，造福更多后代子孙的目标前进。善良勤劳的太极人团结协作，和谐进取，再加上您的支持和合作，太极的明天定会更加美好，更加辉煌。



glass-lined equipment production and won the title of “China Patent Shandong Star Enterprise”. The continuous research and development of new products and new technologies has made Taiji always in the forefront of technology in the glass-lined industry. CCTV's large-scale documentary CCTV discovery tour “Quality” Program has entered Zibo Taiji, and used the lens to record and announce the manufacturing of “China · Zibo · Taiji glass lined equipment”. In the same year, Taiji was invited to participate in the “Top Ten Quality Made in China” awards sponsored by CCTV's “Quality” Program and “China Economic Observer”, and won the honorable title of “Top Ten Quality Made in China”.

TAIJI wins the trust of customers from domestic and abroad by its good quality and thoughtful after-sales service, and build long-term cooperation relationship. Our equipments have been sold to more than fifty countries and regions, such as America, Russia, France, German, UK , Brazil, Latvia, Egypt, India, South Africa, Argentina, Chile, Turkey, Greece, Spain, Italy, Thailand, South Korea and Japan etc.

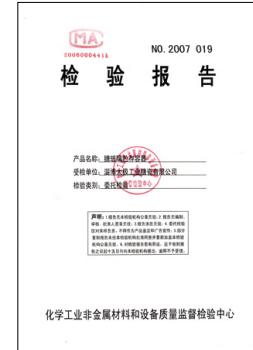
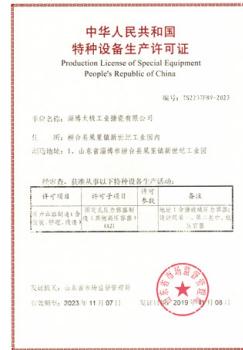
“All the work is satisfied by users”. Since its inception, Taiji has regarded scientific and technological innovation as the foundation of its establishment, which has continuously improved the design, manufacture technology and production process of Taiji glass lined equipment, and has always been at the forefront of the industry. It has created the brand Of “China Taiji glass lined equipment”, which provides various regulations for petroleum, chemical, pharmaceutical, pesticide, food, printing and dyeing industries with high quality standard and non-standard glass lined equipment.

02

资质证书及荣誉

Qualification certificate

OUR HONOR



03

36 项技术专利（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 EQUIPMENT

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

■ 搪玻璃设备烧成炉

UTILITY MODEL TITLE: THE FURNACE OF GLASS LINING EQUIPMENT

专利号 : ZL 00 2 1573.6

■ 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

■ 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 6961.1

■ 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

■ 燃气喷枪嘴

UTILITY MODEL TITLE: FIRE GASES SPRAY GUN MOUTH

专利号 : ZL 01 2 6228.1

■ 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

■ 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 1310.1

■ 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

■ 搪玻璃设备烧成炉

UTILITY MODEL TITLE: THE FURNACE OF GLASS LINED EQUIPMENT

专利号 : ZL 00 2 1553.1

■ 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

■ 多只搪玻璃设备烧成炉

UTILITY MODEL TITLE: THE FURNACE OF MULTIPLE GLASS LINED EQUIPMENT

专利号 : ZL 02 2 7092.9

■ 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 TYPE HEATING EXCHANGER

专利号 : ZL2009 2 0026867.9

■ 高效防腐搪玻璃加料器

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

生产装备

Production equipment



不锈钢板管自动焊机

Automatic welding machine for Stainless steel sheets and tubes



开孔、切边机器人

Opening and trimming robot



设备内表面抛光处理

Inner surface grinding



拥有 16 座专利地下数控电炉

16 Underground Patented Electric Furnaces



数控电炉

Furnace with temperature digital controlled



立式数控电炉

Vertical furnace with temperature digital controlled

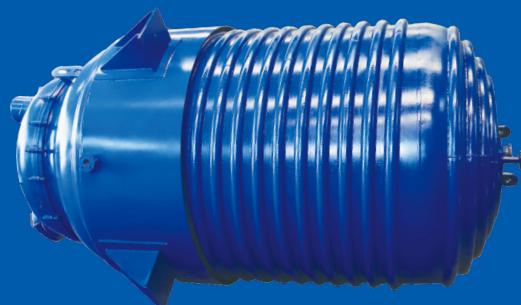


150 立方数控电炉

150m³ furnace with temperature digital controlled

05

成品展示
Product display



17米39吨非标搪玻璃设备

5万升搪玻璃反应釜

外包不锈钢搪玻璃反应釜





太极搪玻璃反应釜试运行检测

CHINA TAIJI GLASS-LINED EQUIPMENT

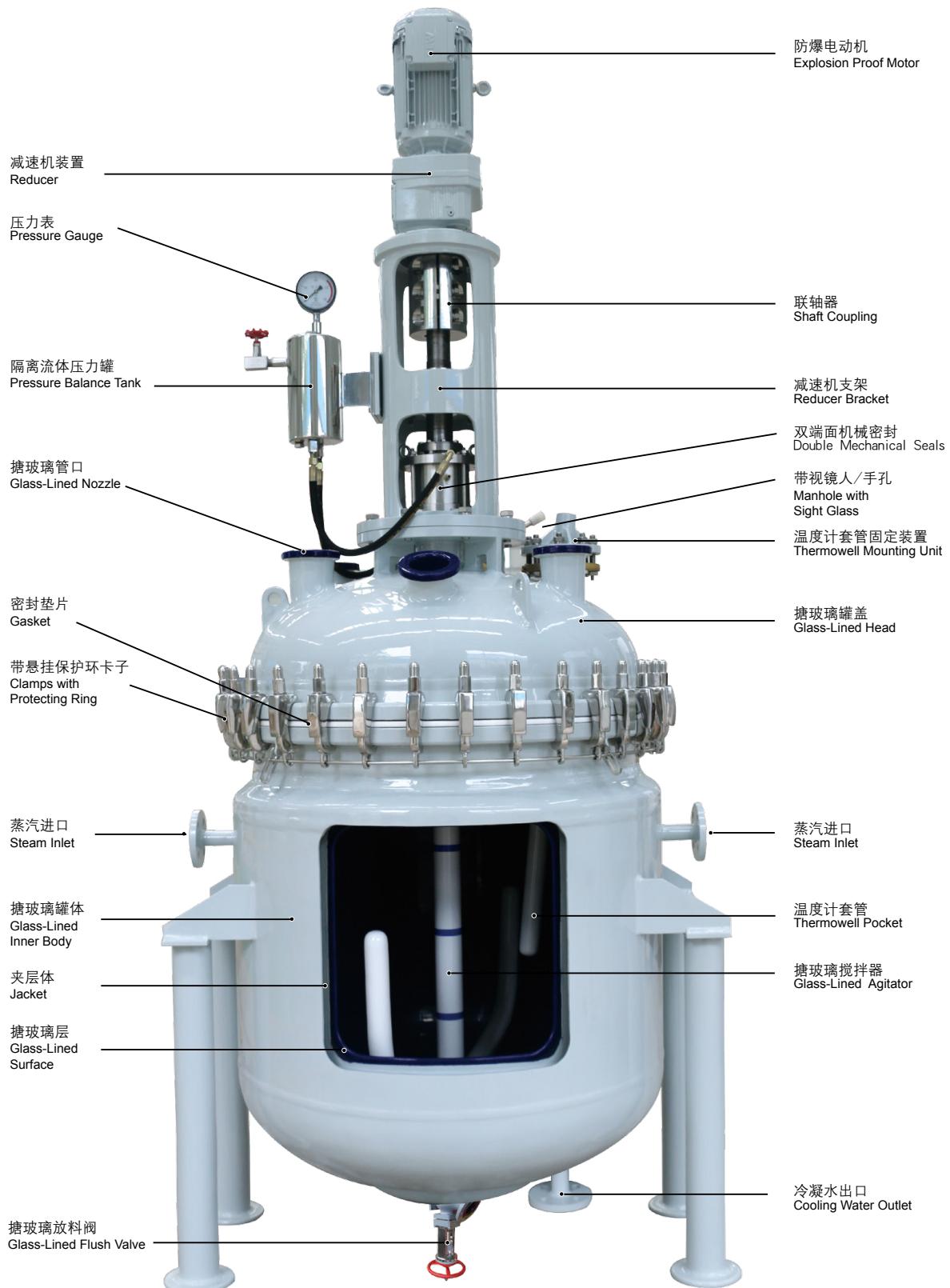
06

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



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太极搪玻璃设备实物图

Glass-Lined Equipments



开式搪玻璃反应罐
AE Type Glass-Lined Reactors



闭式搪玻璃反应罐
BE Type Glass-Lined Reactors



闭式搪玻璃反应罐
CE 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



搪玻璃过滤机
Glass-Lined Filters



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



搪玻璃管件
Glass-Lined Pipes And Fittings



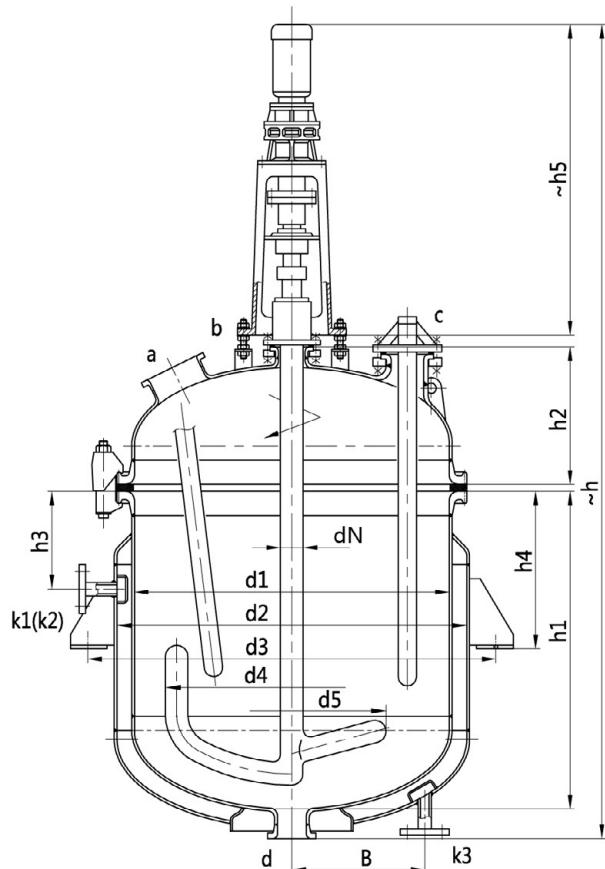
搪玻璃列管式换热器
Glass-Lined Shell And Tube Heating Exchangers



半管夹套搪玻璃反应釜
Glass-Lined Reactors With Half Pipe Jacket

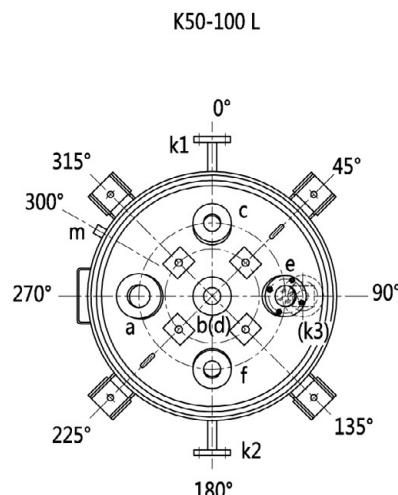
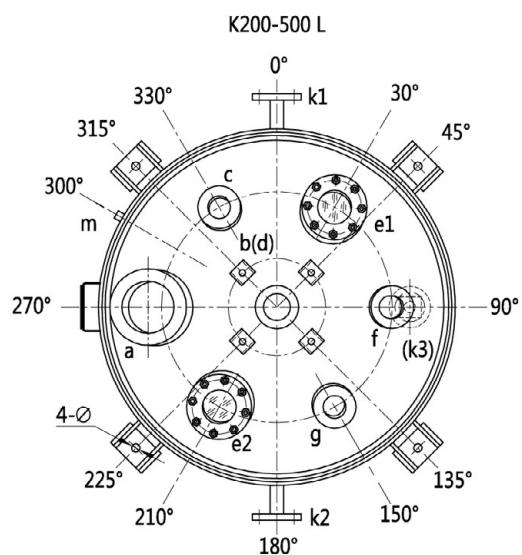
开式搪玻璃反应罐

K Type Glass-Lined Reactors



	罐内 Inner Vessel	夹套 Jacket
设计压力 Design Pressure	MPa	0.4/0.6/1.0
设计温度 Design Temperature	℃	-19/200 -19/200

符号 Symbol	用途 Usage
a	手孔 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	夹套进(出)口 In/Outlet
m	排气口 Vent Hole



单位 (Unit) : mm

规 格 Specifications		K50	K100	K200	K300	K500
公称容积 Nominal Capacity	(L)	50	100	200	300	500
全容积 Total Capacity	(L)	102	180	325	483	743
计算容积 (注1) Calculate Capacity(Notes 1)	(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)	0.34	0.66	1.26	1.75	2.64
参考重量 Reference Weight	(kg)	420	490	650	920	1140
主 要 尺 寸 Main Dimension	d1	500	600	700	800	900
	d2	600	700	800	900	1000
	d3(Notes 2)	706	816	918	1028	1130
	d4	420	520	620	720	810
	d5	300	300	400	500	500
	h1	400	500	700	800	1000
	h2	274	309	354	390	415
	h3	220	250	270	280	280
	h4	300	340	370	390	400
	h	1785	1930	2195	2545	2985
罐 体 管 口 公 称 直 径 Nozzle DN	B	250	250	250	250	270
	Φ	14	18	18	23	23
	a	80	80	125	125	150
	b	65	65	80	100	100
	c	65	65	65	65	65
	d	65	65	80	80	80
	e1	65	65	65	65	80
	e2	/	/	65	65	80
夹套管口 公称直径 Jacket Nozzle DN	f	65	65	80	80	100
	g	/	/	65	65	125
	k1	20	20	25	25	32
	k2	20	20	25	25	32
驱动装置(见注3) Drive	k3	20	20	25	25	32
	m	G3/8"	G3/8"	G3/8"	G3/8"	G3/8"
驱动装置(见注3) Drive	dN	40	40	50	65	65
	h5	950	950	953	1170	1170

注：1. 计算容积：高颈法兰以下部分的容积。

2. 支座型式由用户定货确定，如用户无要求，按耳座制定。

Notes: 1. Calculate Capacity: Volume under highneck flange

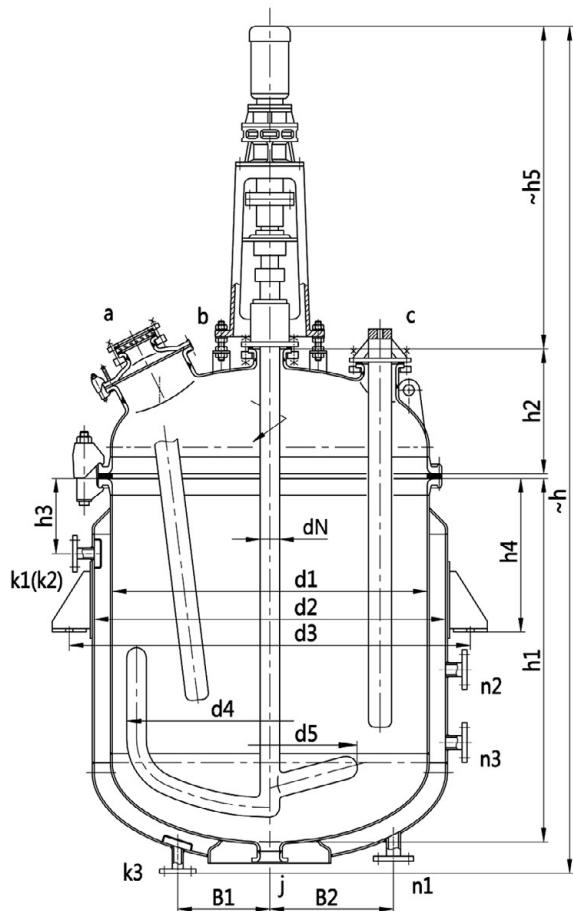
2. Support types could be determined by users, if no special request, lugs would be normally applied.

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。

3. Drive device parameters for reference only, to the actual selection of Rack reducer type.

开式搪玻璃反应罐

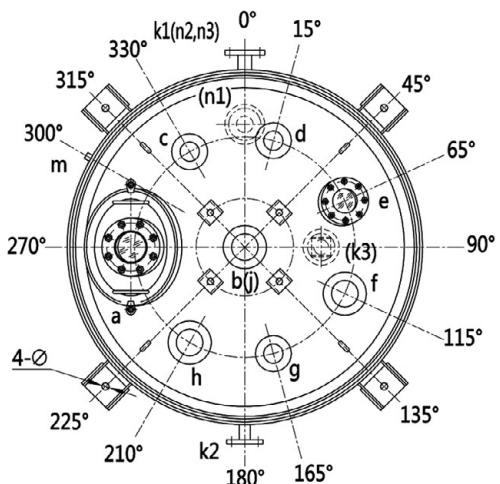
K Type Glass-Lined Reactors



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

符号 Symbol	用途 Usage
a	人孔 Manhole
b	搅拌口 Agitator Hole
c	温度计口 Thermowell Pocket
d,f,g,h	备用口 Spare
e	视镜口 Sightglass
j	放料口 Medium Outlet
k1,k2,k3	夹套进(出)口 In/Outlet
n1,n2,n3	夹套喷嘴口 Spray Nozzle
m	排气口 Vent Hole

K1000-6300 L



单位 (Unit) : mm

规格 Specifications		K 1000	K 1500	K 2000	K 3000	K 4000	K 5000	K 6300
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(Notes 1)	(L)	1244	1714	2180	3370	4334	5443	6561
夹套容积 Jacket Capacity	(L)	206	340	434	520	670	873	1027
换热面积 Heat Exchange Area	(m ²)	4.55	5.76	7.23	9.33	11.85	13.74	16.43
参考重量 Reference Weight	(kg)	1820	2280	2535	3555	4055	4940	5560
主要尺寸 Main Dimension	d1	1200	1300	1300	1600	1600	1750	1750
	d2	1300	1450	1450	1750	1750	1900	1900
	d3(Notes 2)	1468	1622	1622	1964	1964	2152	2152
	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	494	519	519	594	594	632	632
	h3	290	330	330	340	340	340	340
	h4	600	650	650	700	700	700	700
	h	3450	3700	4050	4210	4650	4820	5470
	B1	315	315	315	315	315	350	350
	B2	/	510	510	510	510	510	510
	Φ	30	30	30	30	30	30	30
罐体管口公称直径 Nozzle DN	a	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
	k1	32	40	40	50	50	65	65
夹套管口公称直径 Jacket Nozzle DN	k2	32	40	40	50	50	65	65
	k3	32	40	40	50	50	65	65
	n1	/	50	50	65	65	65	65
	n2	/	50	50	65	65	65	65
	n3	/	/	/	/	65	65	65
	m	G3/8"						
	dN	80	80	80	95	95	95	95
驱动装置(见注3) Drive	h5	1320	1320	1320	1360	1360	1360	1530

注：1. 计算容积：高颈法兰以下部分的容积。

Notes: 1. Calculate Capacity: Volume under highneck flange

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。

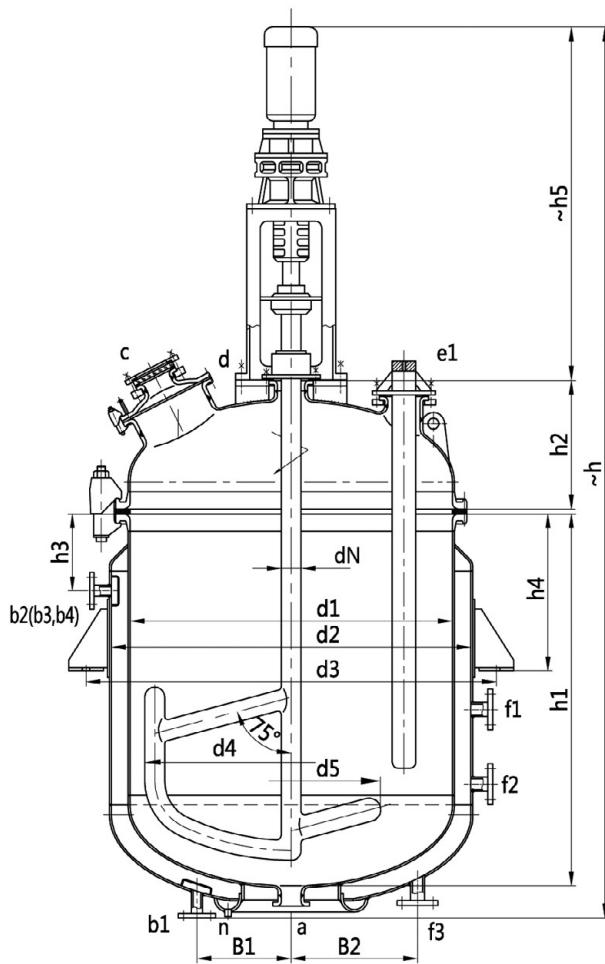
3. Drive device parameters for reference only, to the actual selection of Rack reducer type.

2. 支座型式由用户定货确定，如用户无要求，按耳座制定。

2. Support types could be determined by users, if no special request, lugs would be normally applied.

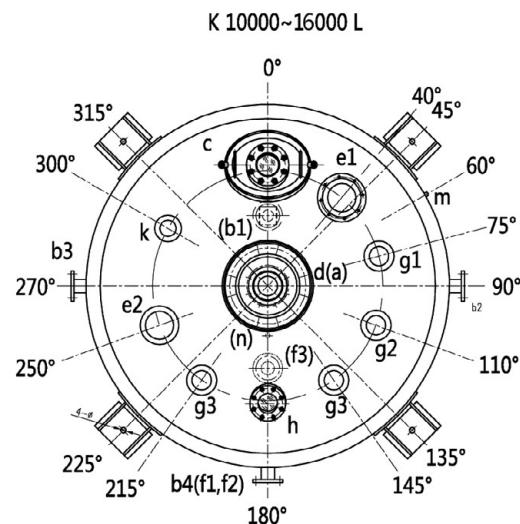
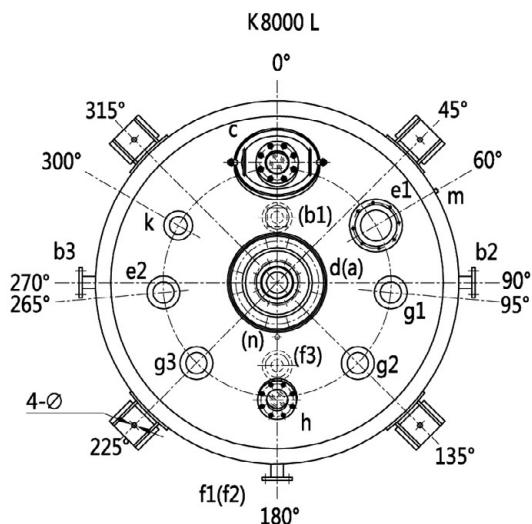
开式搪玻璃反应罐

K Type Glass-Lined Reactors



	罐内 Inner Vessel	夹套 Jacket
设计压力 Design Pressure	MPa	0.2
设计温度 Design Temperature	°C	-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
f1,f2,f3	夹套喷嘴口 Spray Nozzle
h	视镜口 Sightglass
m	放气口 Vent Hole
n	放净口 Clean Hole



单位 (Unit) : mm

规 格 Specifications		K 8000	K 10000	K 12500	K16000
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(Notes 1)	(L)	8897	10930	13440	16000
夹套容积 Jacket Capacity	(L)	1724	1940	2324	2500
换热面积 Heat Exchange Area	(m ²)	19.6	21.54	26.5	28.0
参考重量 Reference Weight	(kg)	7810	8720	10155	12355
主 尺寸 Main Dimension	d1	2000	2200	2200	2400
	d2	2200	2400	2400	2600
要 尺 寸 Main Dimension	d3(Notes 2)	2452	2704	2704	2908
	h1	3000	3060	3720	3740
	h2	710	770	770	825
	h3	380	400	400	460
	h4	830	850	850	900
	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	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
	h	125	125	125	125
	k	125	125	125	125
	b1	65	80	80	100
夹套管口 公称直径 Jacket Nozzle DN	b2	65	80	80	100
	b3	65	80	80	100
	b4	/	80	80	100
	f1	65	80	80	100
	f2	65	80	80	100
	f3	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(见注3) Drive	dN	110	110	110	130
	h5	1860	1860	1890	1995

注: 1. 计算容积: 高颈法兰以下部分的容积。

2. 支座型式由用户定货确定, 如用户无要求, 按耳座制定。

Notes: 1. Calculate Capacity: Volume under highneck flange

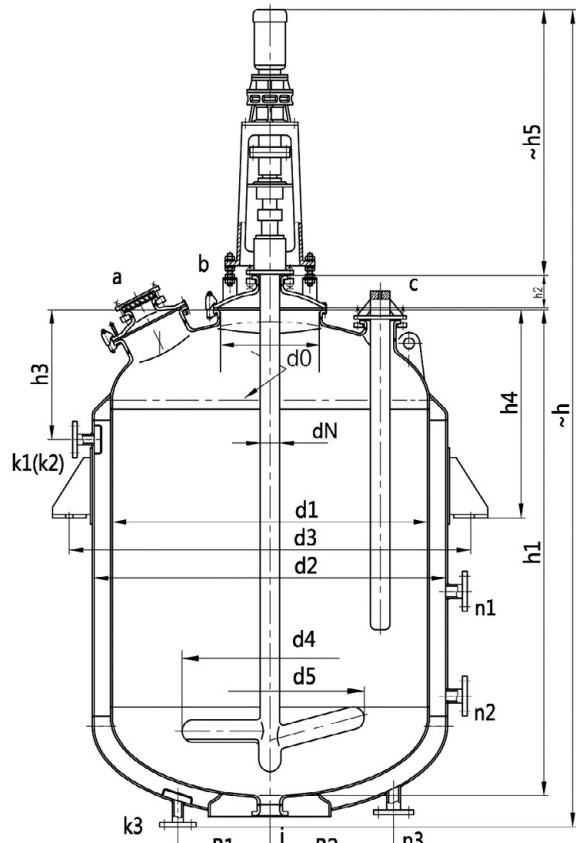
2. Support types could be determined by users, if no special request, lugs would be normally applied.

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。

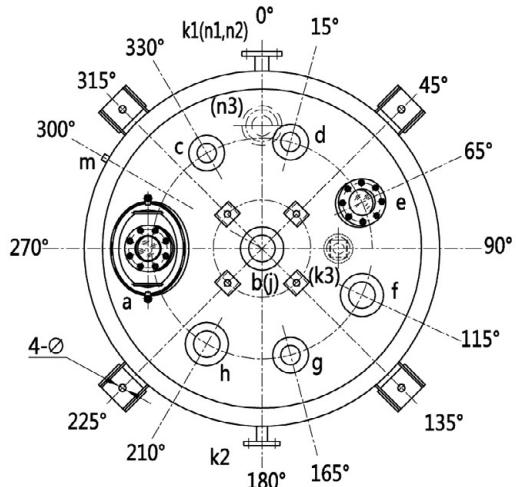
3. Drive device parameters for reference only, to the actual selection of Rack reducer type.

闭式搪玻璃反应罐

F Type Glass-Lined Reactors



F 1500-6300 L



	罐内 Inner Vessel	夹套 Jacket
设计压力 Design Pressure	MPa 0.4/0.6/1.0	0.6
设计温度 Design Temperature	℃ -19/200	-19/200

符 号 Symbol	用 途 Usage
a	人孔 Manhole
b	搅拌口 Agitator Hole
c	温度计口 Thermowell Pocket
d,f,g,h	备用口 Spare
e	视镜口 Sightglass
j	放料口 Medium Outlet
k1,k2,k3	夹套进(出)口 In/Outlet
m	排气口 Vent Hole
n1,n2,n3	夹套喷嘴口 Spray Nozzle

单位 (Unit) : mm

规 格 Specifications	F 1500	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 (Notes 1) (L)	1990	2440	3830	4765	6016	6872
夹套容积 Jacket Capacity (L)	345	433	550	700	898	1015
换热面积 Heat Exchange Area (m ²)	5.92	7.31	9.98	12.44	14.06	16.36
参考重量 Reference Weight (kg)	2120	2380	3360	3905	4720	5200
主要尺寸 Main Dimension	d0	600	600	600	600	600
	d1	1300	1300	1600	1600	1750
	d2	1450	1450	1750	1750	1900
	d3 (Notes 2)	1622	1622	1964	1964	2152
	d4	680	680	720	720	720
	d5	700	700	800	800	850
	h1	1801	2136	2250	2730	2888
	h2	190	190	190	190	190
	h3	725	725	700	700	750
	h4	975	975	1060	1060	1200
	B1	315	315	315	315	350
	B2	510	510	510	510	510
罐体管口公称直径 Nozzle DN	Φ	30	30	30	30	30
	a	300x400	300x400	300x400	300x400	300x400
	b	125	125	150	150	150
	c	100	100	100	100	125
	d	100	100	100	100	125
	e	125	125	125	125	125
	f	125	125	125	125	150
	g	100	100	100	100	125
	h	125	125	125	125	150
夹套管口公称直径 Jacket Nozzle DN	j	100	100	125	125	125
	k1	40	40	65	65	65
	k2	40	40	65	65	65
	k3	40	40	65	65	65
	n1	50	50	65	65	65
	n2	/	/	/	65	65
	n3	50	50	65	65	65
驱动装置(见注3) Drive	m	G3/8"	G3/8"	G3/8"	G3/8"	G3/8"
	dN	80	80	95	95	95
	h5	1320	1320	1360	1360	1530

注: 1. 计算容积: 高颈法兰以下部分的容积。

2. 支座型式由用户定货确定, 如用户无要求, 按耳座制定。

Notes: 1. Calculate Capacity: Volume under highneck flange

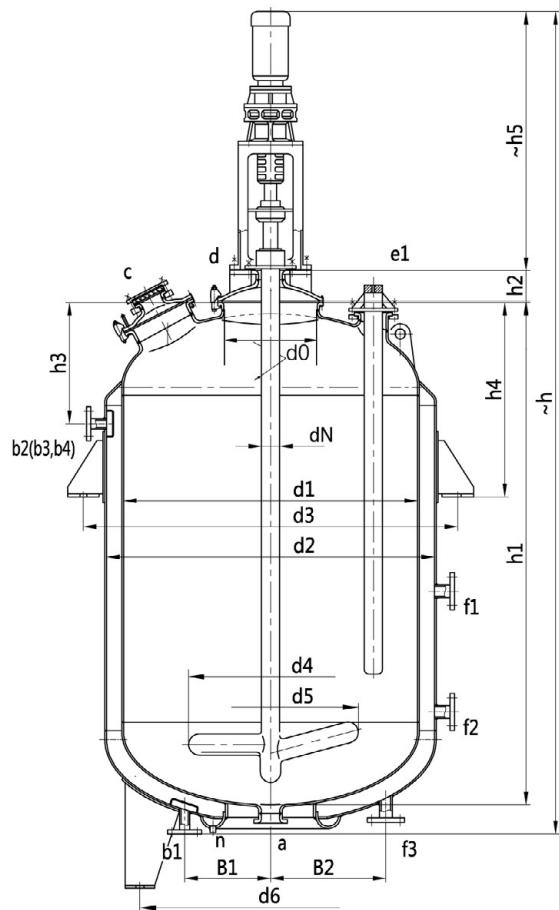
2. Support types could be determined by users, if no special request, lugs would be normally applied.

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。

3. Drive device parameters for reference only, to the actual selection of Rack reducer type.

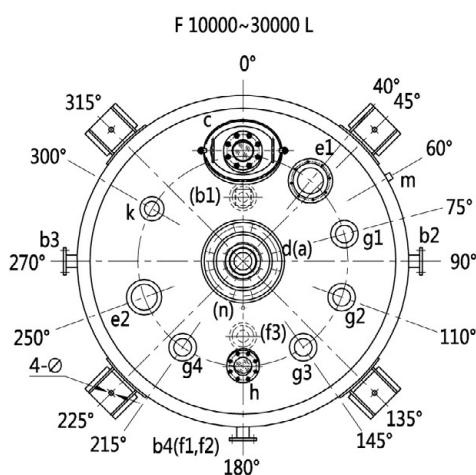
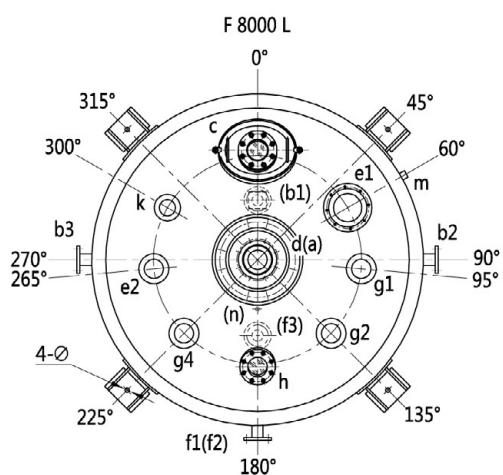
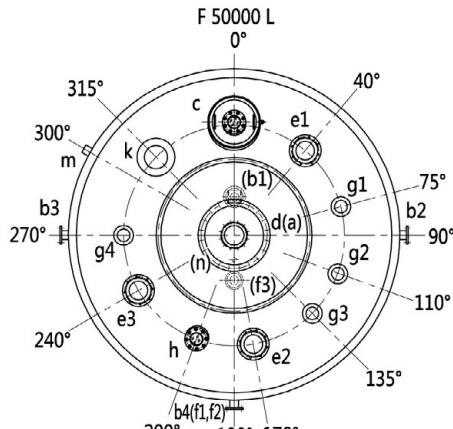
闭式搪玻璃反应罐

F Type Glass-Lined Reactors



	罐内 Inner Vessel	夹套 Jacket
设计压力 Design Pressure	MPa	0.4/0.6
设计温度 Design Temperature	°C	-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
f1,f2,f3	夹套喷嘴口 Spray Nozzle
h	视镜口 Sightglass
m	放气口 Vent Hole
n	放净口 Clean Hole



单位 (Unit) : mm

規格 Specifications	F 8000	F 10000	F 12500	F 16000	F 20000	F 30000	F40000	F 50000
公称容积 Nominal Capacity (L)	8000	10000	12500	16000	20000	30000	40000	50000
全容积 Total Capacity (L)	9138	11757	13733	17489	21900	33658	44900	56712
计算容积(注1) Calculate Capacity(Notes 1) (L)	9110	11724	13700	17456	21857	33577	44000	55900
夹套容积 Jacket Capacity (L)	1666	1940	2243	2551	2870	3700	3800	4520
换热面积 Heat Exchange Area (m ²)	18.38	21.35	24.89	29.48	34.04	45	48.4	60
参考重量 Reference Weight (kg)	6959	7911	9342	11222	13530	19270	27225	34590
主要尺寸 Main Dimension	d0	800	800	800	900	1100	1600	1750
	d1	2000	2200	2200	2400	2600	3000	3600
	d2	2200	2400	2400	2600	2800	3200	3800
	d3(Notes 2)	2452	2703	2703	2908	3179	/	/
	d4	880	980	980	980	1080	1300	1400
	d5	1100	1200	1200	1200	1300	/	/
	d6(Notes 2)	/	/	/	2100	2300	2520	2680
	h1	3310	3533	4053	4346	4641	5340	5000
	h2	210	210	210	210	210	260	609
	h3	850	900	900	950	1000	1150	1300
	h4	1200	1300	1300	1400	1550	/	/
	h	5400	5600	6530	7010	7475	8835	9070
	B1	400	470	470	470	470	470	470
	B2	510	550	550	550	550	550	550
罐体管口公称直径 Nozzle DN	ϕ	30	36	36	36	36	/	/
	a	125	150	150	150	150	150	150
	c	300x400	300x400	300x400	450	450	450	450
	d	200	200	200	200	250	250	250
	e1	200	200	200	200	200	200	200
	e2	150	200	200	200	200	200	200
	e3	/	/	/	/	/	/	200
	g1	150	150	150	150	150	150	150
	g2	150	150	150	150	150	150	150
	g3	/	150	150	150	150	150	150
	g4	150	150	150	150	150	150	150
夹套管口公称直径 Jacket Nozzle DN	h	125	125	125	125	125	125	125
	k	125	125	125	125	125	125	250
	b1	65	80	80	100	100	100	125
	b2	65	80	80	100	100	100	125
	b3	65	80	80	100	100	100	125
	b4	/	80	80	100	100	100	100
	f1	65	80	80	100	100	100	100
	f2	65	80	80	100	100	100	100
	f3	65	80	80	100	100	100	100
	m	G3/4"	G3/4"	G3/4"	G3/4"	G3/4"	G3/4"	G3/4"
驱动装置(见注3) Drive	n	G1/2"	G1/2"	G1/2"	G1/2"	G1/2"	G1/2"	G1/2"
	dN	110	110	110	130	140	160	180
	h5	1860	1860	1890	1995	2190	2420	2640
								2840

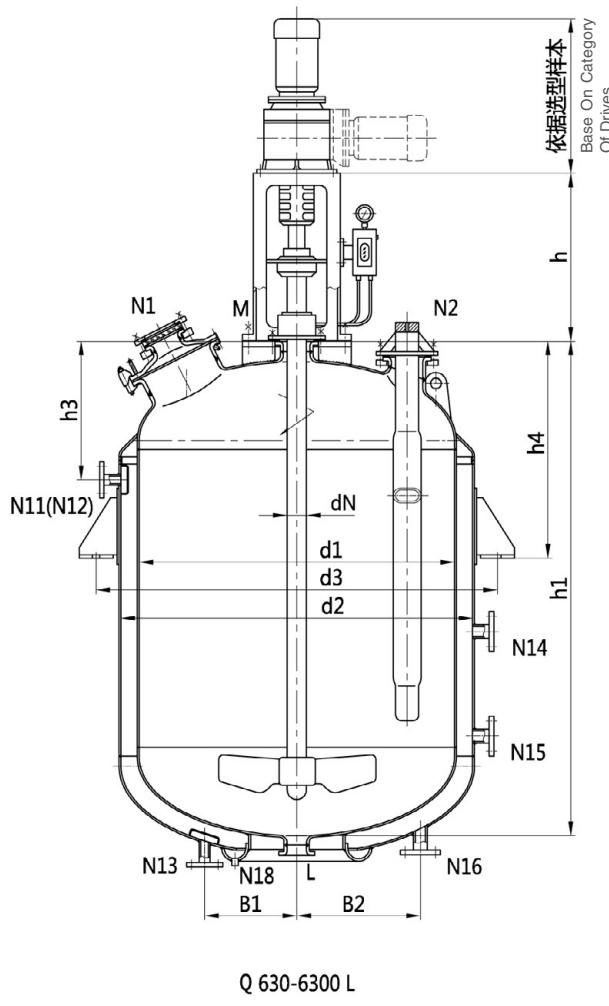
注：1. 计算容积：高颈法兰以下部分的容积。

2. 除 F30000 和 F50000 规格支撑方式为 B 型支承式支座；其余支座型式由用户定货确定，如用户无要求，按耳座制定。

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。

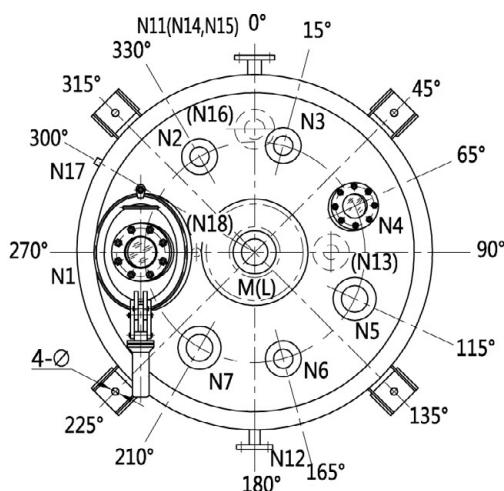
全闭式搪玻璃反应罐

Q Type Glass-Lined Reactors



	罐内 Inner Vessel	夹套 Jacket
设计压力 Design Pressure	MPa	-0.1/0.6/1.0
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	放净口 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	(m ²)	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
罐体管口公称直径 Nozzle DN	M	125	125	125	125	150	150	150	150
	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"							
	N18	G1/2"							
	驱动装置(见注2) Drive	dN	65	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。

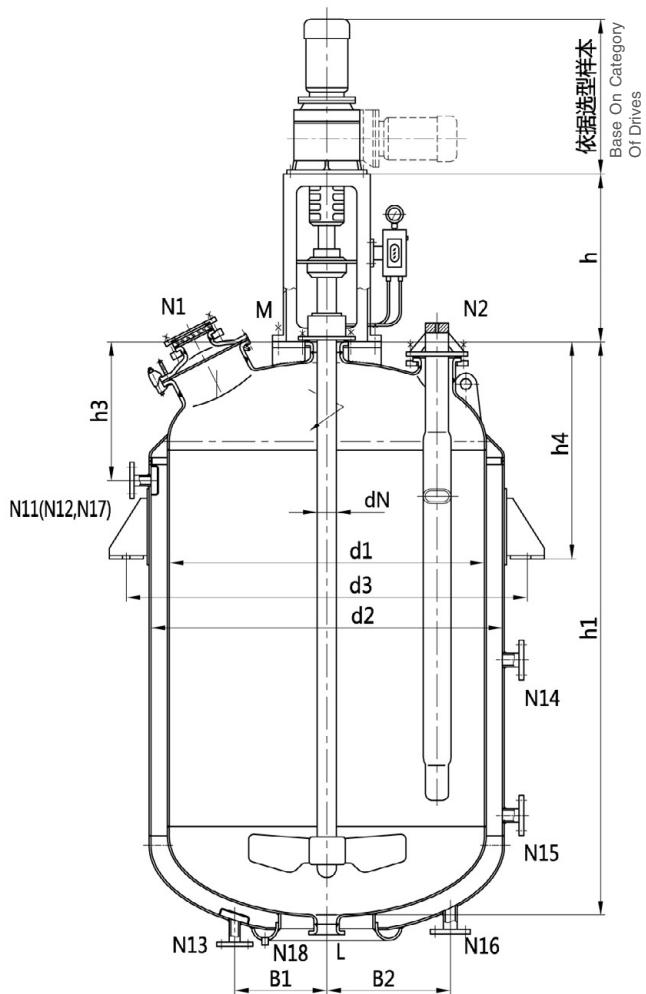
Notes: 1. Support types could be determined by users, if no special request, lugs would be normally applied.

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.

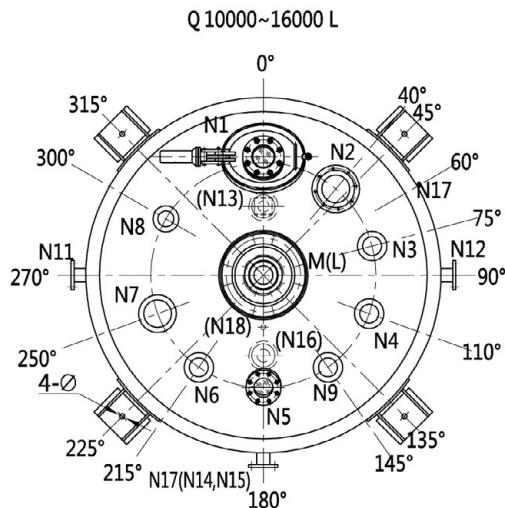
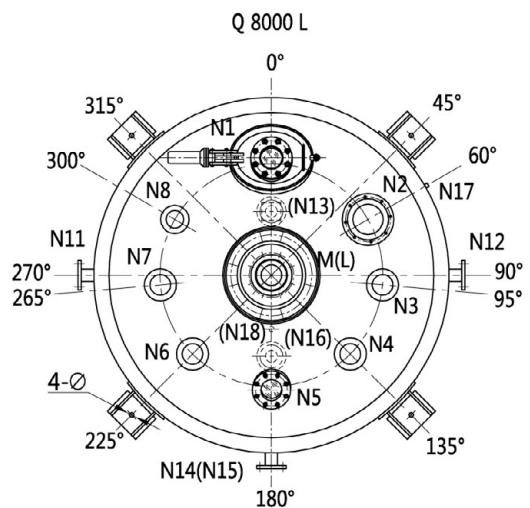
全闭式搪玻璃反应罐

Q Type Glass-Lined Reactors



	罐内 Inner Vessel	夹套 Jacket
设计压力 Design Pressure	MPa	-0.1/0.6/1.0
设计温度 Design Temperature	℃	-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	放净口 Clean Hole



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	(m ²)	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
夹套管口公称直径 Jacket Nozzle DN	N9	/	150	150	150
	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。

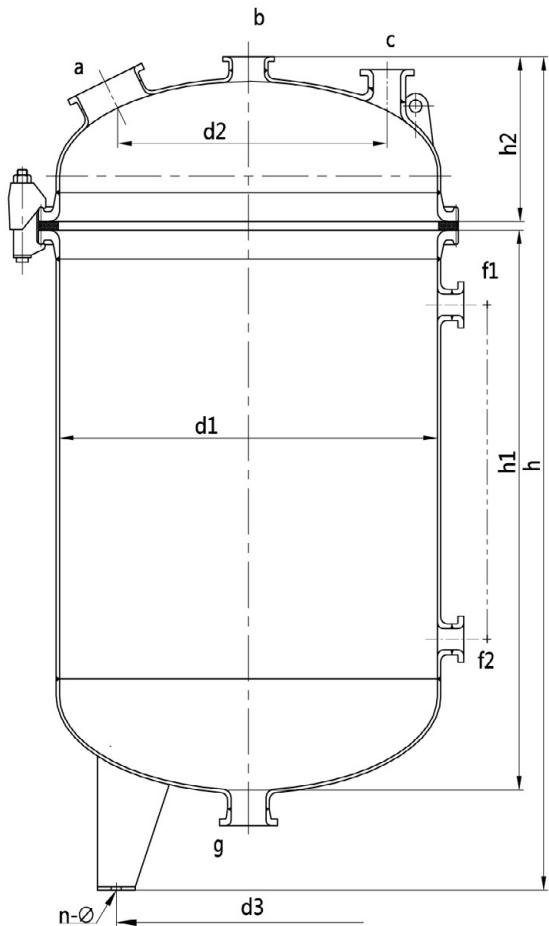
Notes: 1. Support types could be determined by users, if no special request, lugs would be normally applied.

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.

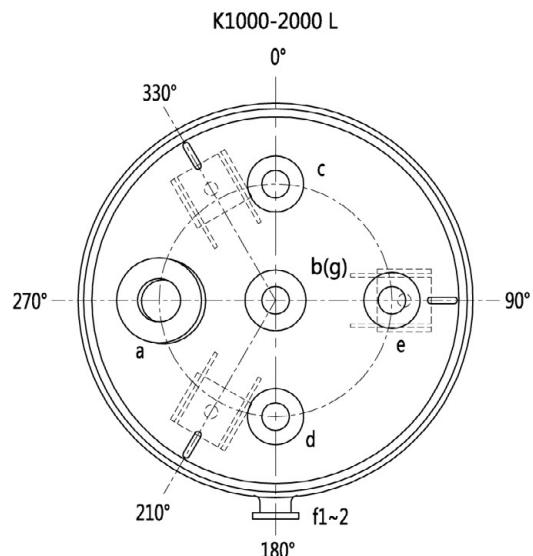
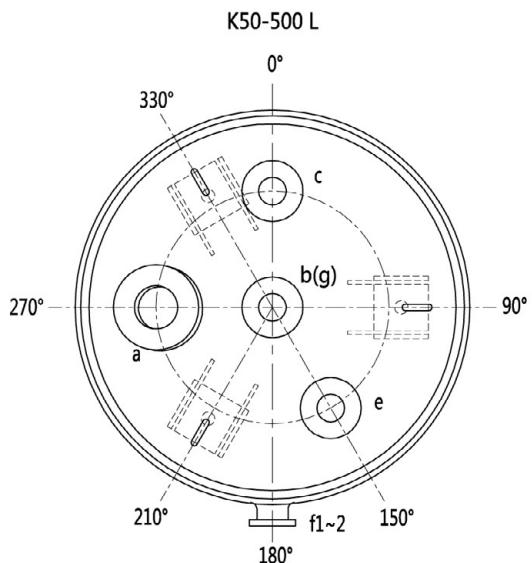
开式搪玻璃贮罐

K 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

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



单位 (Unit) : mm

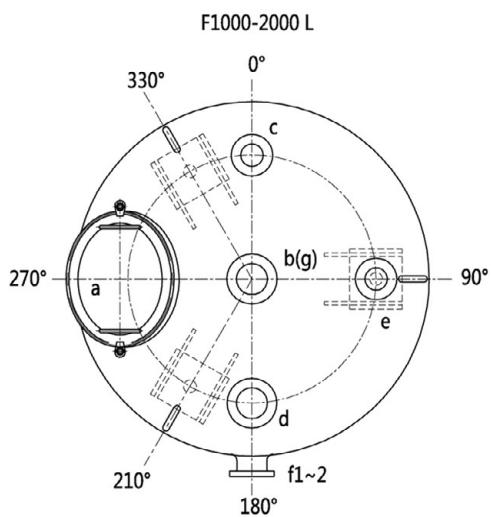
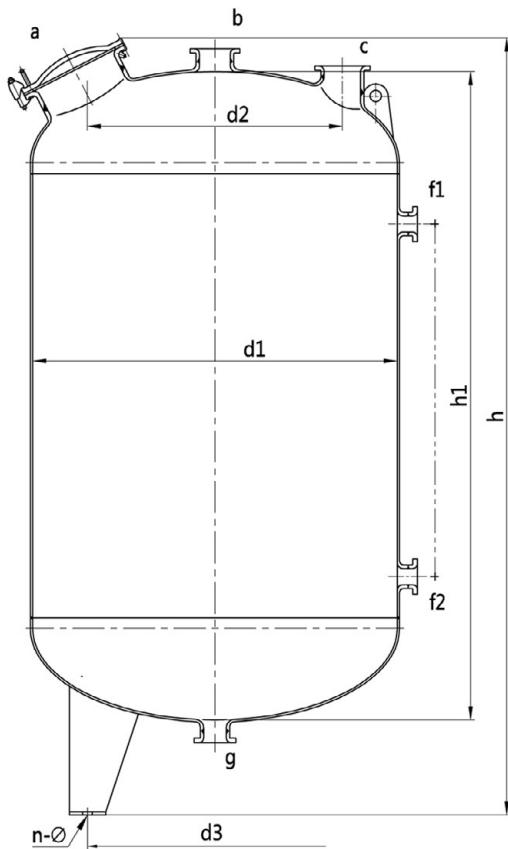
规 格 Specifications		K 50	K 100	K 200	K 300	K 500	K 1000	K 1500	K 2000
公称容积 Nominal Capacity	(L)	50	100	200	300	500	1000	1500	2000
全容积 Total Capacity	(L)	80	155	294	447	740	1480	2020	2800
计算容积(注1) Calculate Capacity(Notes 1)	(L)	61	121	237	362	620	1270	1670	2370
参考重量 Reference Weight	(kg)	95	160	210	285	395	716	970	1266
主 要 尺 寸 Main Dimension	d1	400	500	600	700	800	1000	1200	1300
	d2	320	350	420	420	480	600	720	780
	d3	280	350	420	490	560	700	700	910
	h1	520	660	890	1000	1310	1695	1580	1895
	h2	249	274	309	334	390	439	490	514
	h	1150	1095	1340	1750	1885	2310	2240	2670
罐 体 管 口 公 称 直 径 Nozzle DN	n-φ	3-φ15	3-φ20	3-φ20	3-φ25	3-φ25	3-φ25	3-φ25	3-φ25
	a	80	100	125	125	150	150	200	300x400
	b	65	65	65	80	80	80	100	100
	c	65	65	65	65	80	80	80	80
	d	/	/	/	/	/	80	80	80
	e	65	65	65	65	65	80	80	80
	f1	/	65	65	65	65	65	65	65
	f2	/	65	65	65	65	65	65	65
	g	65	65	65	80	80	80	100	100

注：1. 计算容积：高颈法兰以下部分的容积。

Notes: 1. Calculate Capacity: Volume under highneck flange

闭式搪玻璃贮罐

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

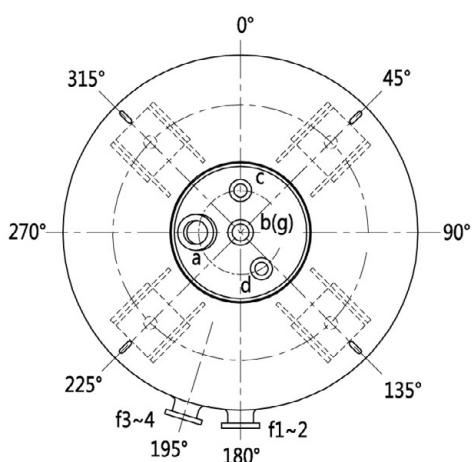
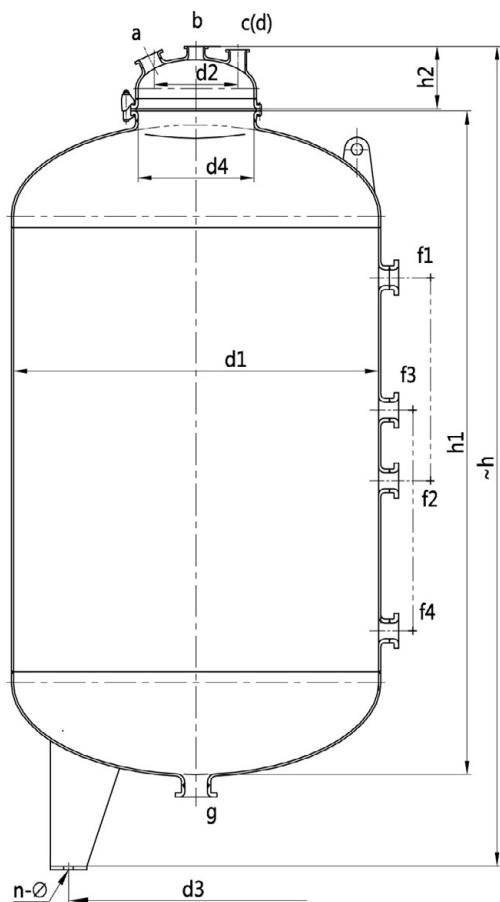
符号 Symbol	用途 Usage
a	人孔 Manhole
b	进料口 Medium Inlet
c,d,e	备用口 Spare
f1,f2	液位计口 Level Gauge Hole
g	放料口 Medium Outlet

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-φ 24	3-φ 24	3-φ 24
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	/
	e	80	80	80
	f1	65	65	65
	f2	65	65	65
	g	80	100	100

闭式搪玻璃贮罐

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

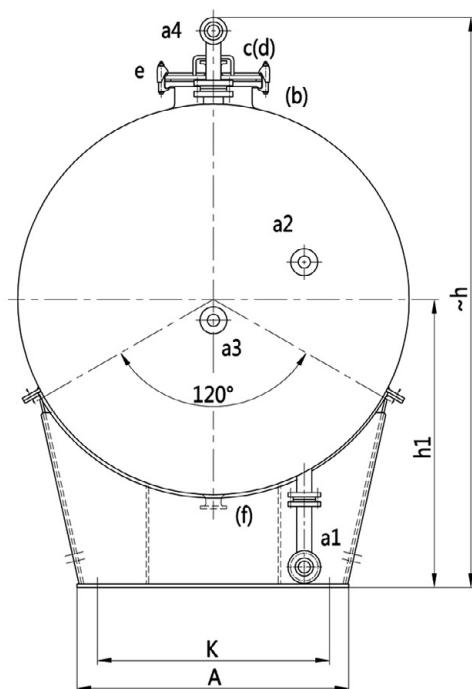
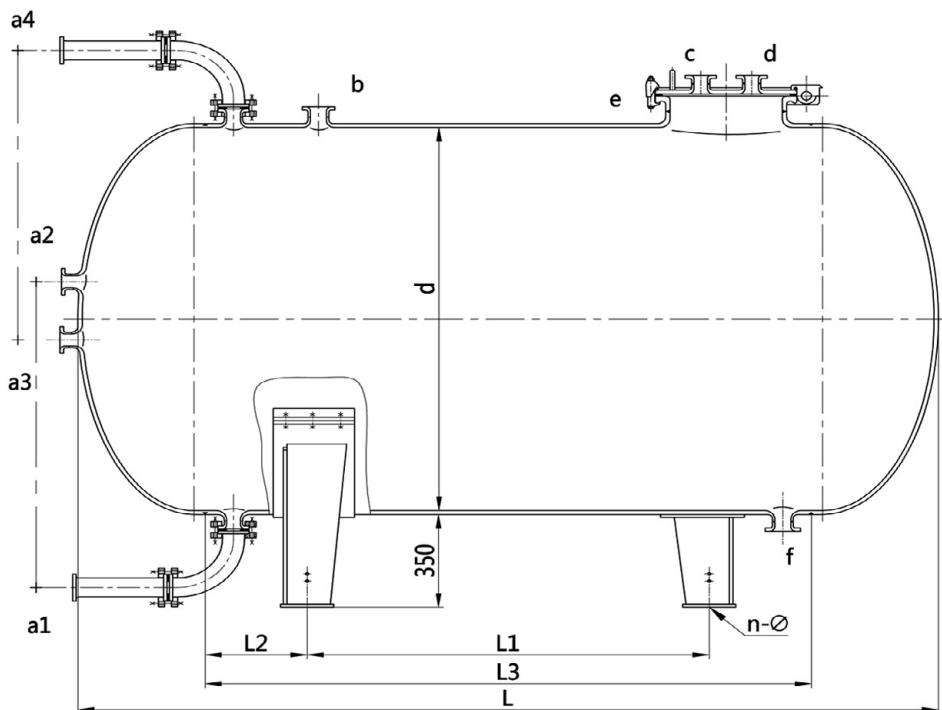
符号 Symbol	用途 Usage
a	手孔 Handhole
b	进料口 Medium Inlet
c,d	备用口 Spare
f1,f2,f3,f4	液位计口 Level Gauge Hole
g	放料口 Medium Outlet

单位 (Unit) : mm

规 格 Specifications		F3000	F5000	F6300	F8000	F10000	F12500	F16000	F20000	F30000	F40000	F50000
公称容积 Nominal Capacity (L)		3000	5000	6300	8000	10000	12500	16000	20000	30000	40000	50000
全容积 Total Capacity (L)		3796	5740	7100	8990	11270	13970	17821	22346	33553	44000	55000
参考重量 Reference Weight (kg)		1543	1910	2980	3525	4380	5530	6670	8324	11720	15450	19300
主 要 尺 寸 Main Dimension	d1	1600	1600	1750	1900	2200	2400	2400	2600	3000	3200	3400
	d2	420	420	420	420	420	420	420	420	420	480	480
	d3	1200	1200	1300	1400	1650	1800	1800	1950	2250	2400	2550
	d4	600	600	600	600	700	700	700	700	700	800	800
	h1	2220	3174	3304	3554	3392	3554	4414	4714	5340	6125	6755
	h2	314	314	314	314	354	354	354	354	354	386	386
	h	2850	3790	3910	4185	4040	4207	5060	5400	6000	6870	7500
罐 体 管 口 公 称 直 径 Nozzle DN	n- ϕ	4- ϕ 30	4- ϕ 36									
	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
	f3	/	65	/	/	/	/	65	65	65	80	80
	f4	/	65	/	/	/	/	65	65	65	80	80
	g	125	125	125	125	125	125	125	125	125	150	150

卧式搪玻璃贮罐

Horizontal Glass-Lined Storage Tanks



罐内 Inner Vessel	
设计压力 MPa Design Pressure	常压 ATM
设计温度 °C Design Temperature	-19/150

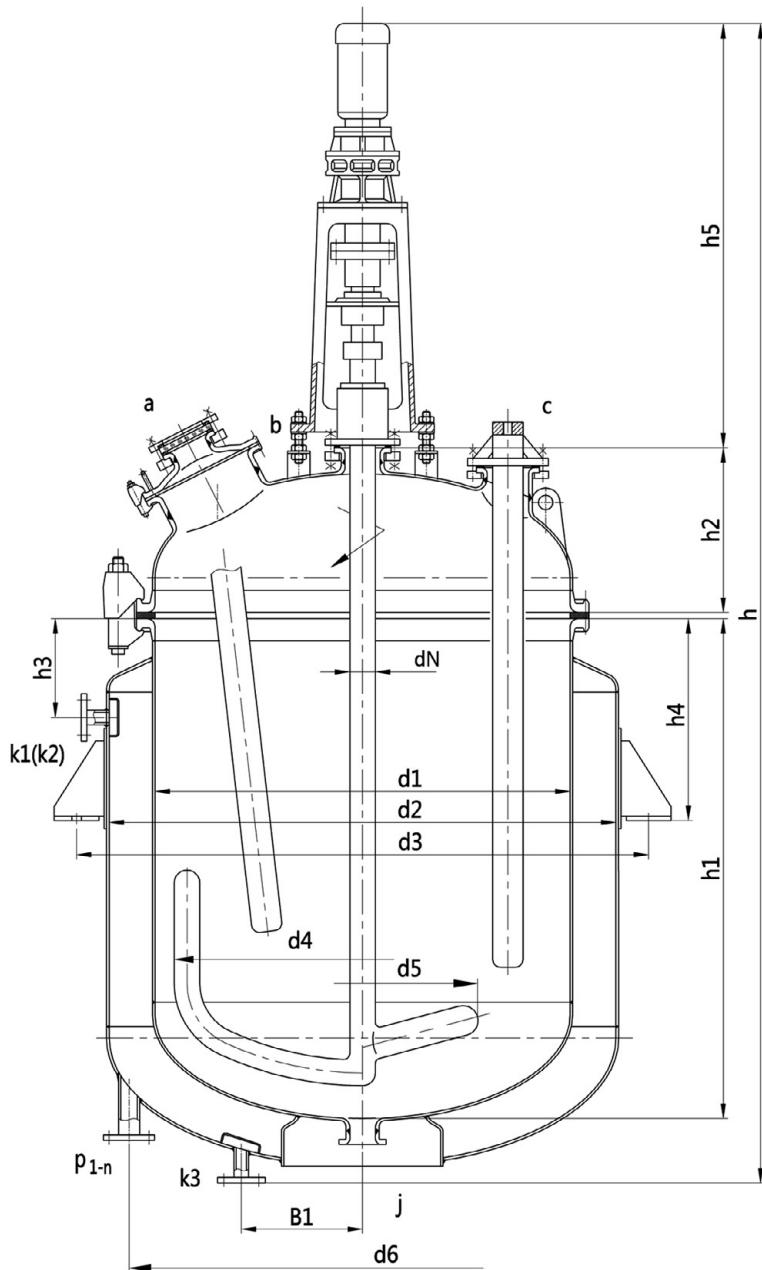
符号 Symbol	用途 Usage
a1,a2,a3,a4	液位计口 Level Gauge Hole
b	进料口 Medium Inlet
c,d	备用口 Spare
e	人孔 Manhole
f	放料口 Medium Outlet

单位 (Unit) : mm

规格 Specifications		W3000	W4000	W5000	W6300	W8000	W10000	W12500	W16000	W20000	W30000	W40000	W50000	W80000
公称容积 Nominal Capacity (L)		3000	4000	5000	6300	8000	10000	12500	16000	20000	30000	40000	50000	80000
全容积 Total Capacity (L)		3337	4457	5550	7024	8913	11094	13915	17689	22332	33420	43310	55020	87933
参考重量 Reference Weight (kg)		1691	2050	2250	3230	3750	4790	5690	6530	8240	12300	15000	19730	32000
主要尺寸 Main Dimension	d	1450	1450	1600	1750	1900	2000	2000	2200	2400	3000	3000	3400	3800
	h1	1089	1089	1166	1243	1318	1370	1370	1470	1572	1876	1876	2080	2284
	h	2146	2146	2300	2454	2604	2704	2704	2870	3100	3700	3700	4110	4510
	L1	814	1494	1420	1474	1590	1880	2740	2840	2930	2370	3770	3330	4290
	L2	320	320	360	390	420	450	470	500	550	630	630	750	1050
	L3	1454	2134	2140	2254	2430	2780	3680	3840	4030	3630	5030	4830	6390
	L	2288	2968	3052	3246	3496	3920	4800	5060	5374	5282	6682	6690	8438
	K	900	900	960	1120	1200	1260	1260	1380	1520	1940	1940	2200	2500
	A	1060	1060	1120	1280	1360	1420	1420	1580	1720	2180	2180	2480	2780
罐体管口公称直径 Nozzle DN	n-Φ	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
	a1	65	65	65	65	65	65	65	65	65	65	65	80	80
	a2	65	65	65	65	65	65	65	65	65	65	65	80	80
	a3	65	65	65	65	65	65	65	65	65	65	65	80	80
	a4	65	65	65	65	65	65	65	65	65	65	65	80	80
	b	80	80	80	80	80	100	100	100	100	100	100	150	150
	c	65	65	65	65	65	80	80	80	80	80	80	80	80
	d	65	65	65	65	65	80	80	80	80	80	80	80	80
	e	300x400	300x400	300x400	300x400	300x400	450	450	450	450	450	450	450	450
	f	80	80	80	80	80	100	100	100	100	100	100	150	150

搪玻璃电加热反应罐

Glass-Lined Reactors With Electric Heating



		罐内 Inner Vessel	夹套 Jacket
设计压力 Design Pressure	MPa	0.4/0.6/1.0	常压 ATM
设计温度 Design Temperature	°C	-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

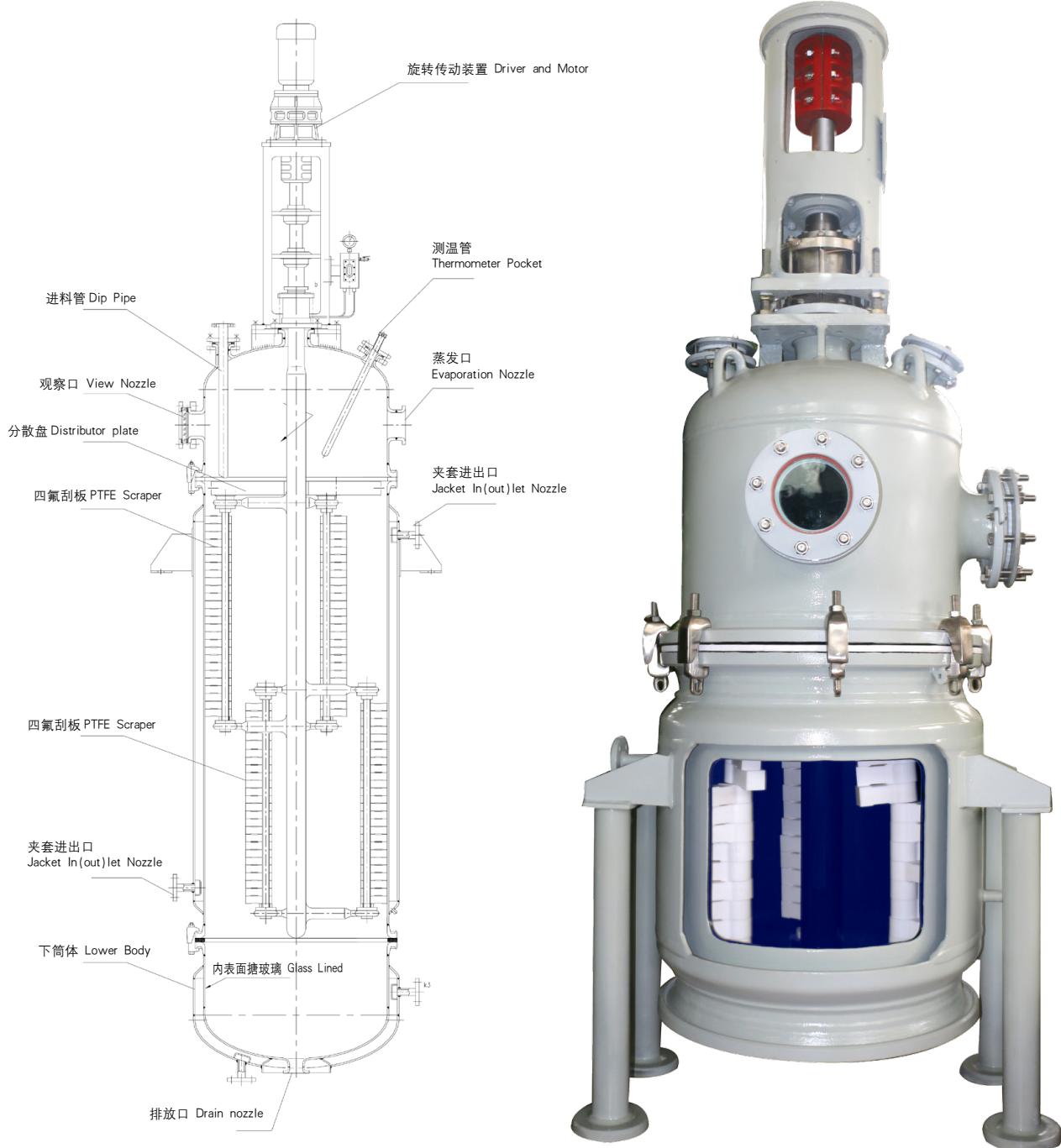
规 格 Specifications		K 50	K 100	K 200	K 300	K500	K1000	K1500	K2000	K3000	K4000	K5000
公称容积 (L) Nominal Capacity		50	100	200	300	500	1000	1500	2000	3000	4000	5000
全容积 (L) Total Capacity		102	180	325	483	743	1616	2172	2640	4170	5140	6470
计算容积 (注1) (L) Calculate Capacity(Notes 1)		71	128	247	369	588	1244	1714	2180	3370	4334	5443
夹套容积 (L) Jacket Capacity		84	115	174	218	307	476	300	387	461	774	873
换热面积 (m ²) Heat Exchange Area		0.34	0.66	1.26	1.75	2.64	4.55	5.76	7.23	9.33	11.85	13.74
参考重量 (kg) Reference Weight		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	809	918	1028	1130	1230	1571	1622	1622	1964	1964	2152
	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	950	950	953	1170	1170	1320	1320	1320	1360	1360	1360

注：计算容积：高颈法兰以下部分的容积。

Notes:1.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
	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
	WFE-6.0	6	900	2370	150	95	5.5	~5400
	WFE-7.0	7	1000	2460	150	95	7.5	~5520
	WFE-8.0	8	1000	2750	150	95	7.5	~5810
	WFE-9.0	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



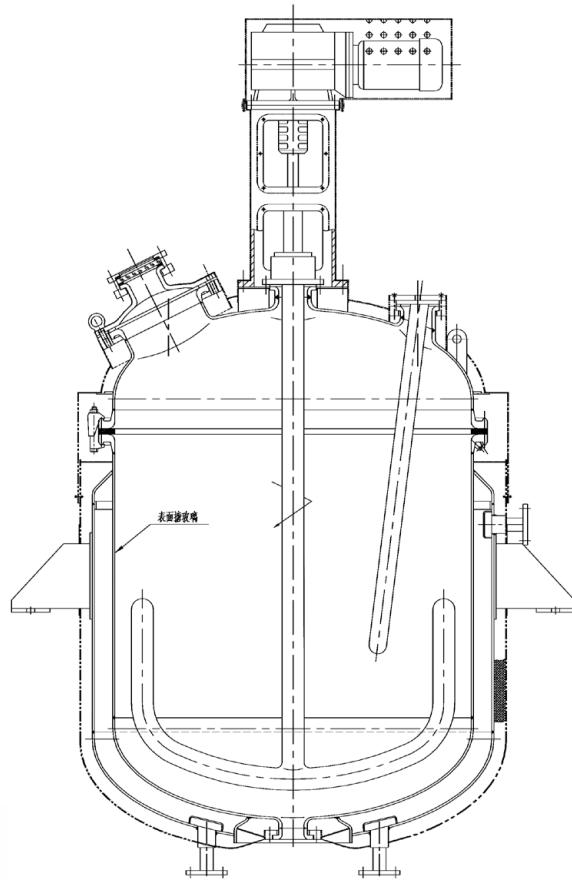
● 搪玻璃外包不锈钢设备：

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:

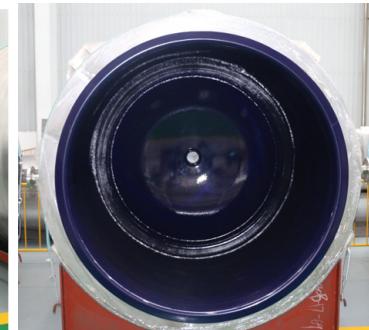
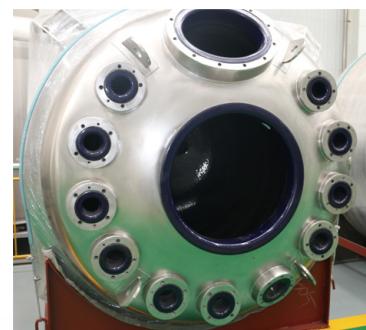
It complies with GMP requirement with glass- lined inside of the vessel and insulated with ss cover after heat preservation. Mirror polishing or matte finishing could be applied to the surface according to customer's requirement.





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 accessories are designed elaborately, and they are dispatched from factory after overall commissioning. It is the first choice for sterile room, pharmacy and food industry.

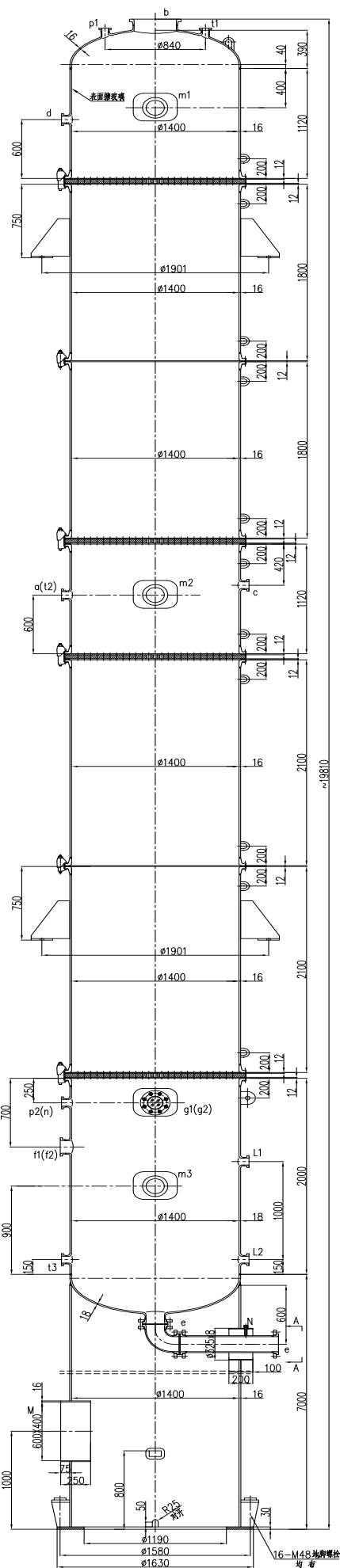


搪玻璃塔器

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.

搪玻璃列管式换热器

Glass-Lined Shell And Tube Heating Exchangers

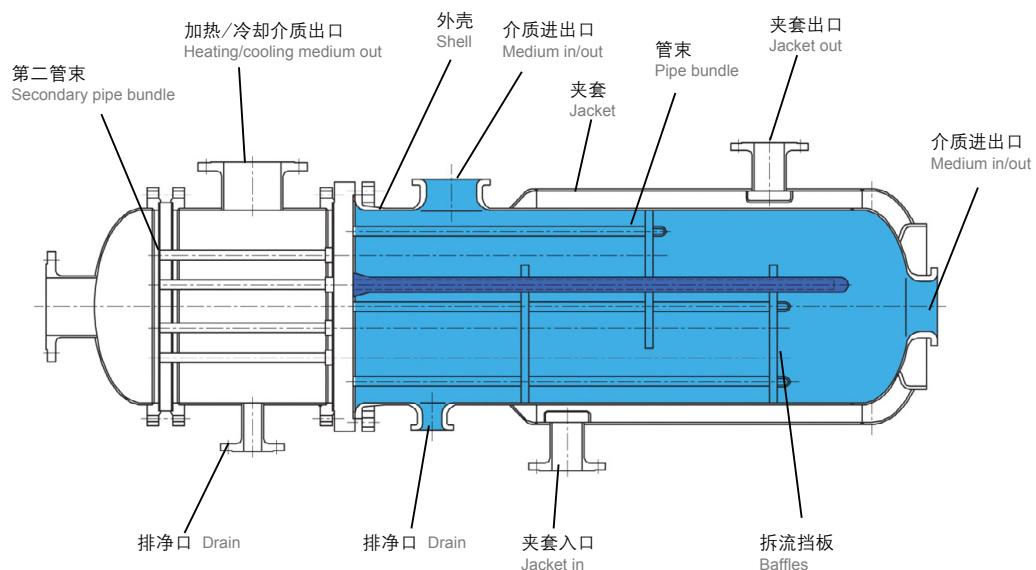
我厂研制的新型搪玻璃列管式换热器，它具有换热效率高，体积小，应用范围广等优点。可用于腐蚀物料的冷却和加热。

Our new developed glass-lined shell and tube heating exchanger has the advantage of high thermal efficiency, small volume and wide range of application, etc. It can be used for corrosive medium heating and cooling.



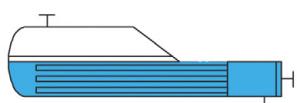
结构图

Elements

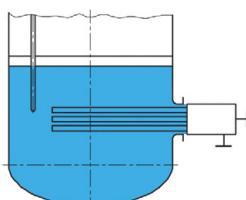


搪玻璃列管式换热器的安装形式

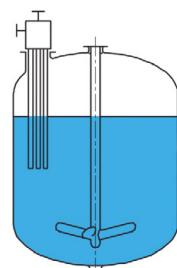
Installation Position



在重沸器中的应用
Application in Reboiler



在反应罐中的应用 Application in Reactor





	壳程 Shell Side	管程 Tube Side	夹套 Jacket
设计压力 Design Pressure MPa	-0.1/0.4	-0.1/0.4	-0.1/0.4
设计温度 Design Temperature °C	-19/200	-19/200	-19/200

规格 Specifications mm	换热管长度 Length Of Heat Exchange Tubes mm	换热管根数 Amount Of Heat Exchange Tubes	管程换热面积 Tube Heat Exchange Area m ²	夹套换热面积 Jacket Heat Exchange Area m ²	总换热面积 Total Heat Exchange Area m ²	总长 Total Length mm
φ 219	900	7	0.75	0.48	1.23	~1650
φ 273	900	13	1.4	0.6	2.0	~1660
φ 325	900	19	2.04	0.61	2.65	~1700
φ 325	1100	19	2.5	0.82	3.32	~1900
φ 400	1100	31	4.07	1.16	5.23	~2125
φ 400	1300	31	4.81	1.42	6.23	~2325
φ 450	1100	42	5.52	1.32	6.84	~2140
φ 450	1300	42	6.52	1.61	8.13	~2340
φ 500	1300	55	8.54	1.64	10.18	~2360
φ 500	2000	55	13.13	2.77	15.9	~3060
φ 600	2000	73	17.42	3.44	20.86	~3170
φ 700	2000	109	25.94	4.16	30.1	~3245
φ 800	2000	151	35.93	4.79	40.72	~3270

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.



不锈钢储罐
Stainless Steel Storage Tanks



不锈钢储罐
Stainless Steel Storage Tanks



不锈钢反应罐
Stainless Steel Reactors



不锈钢搅拌容器
Stainless Steel Mixing Vessels



不锈钢过滤机
Stainless Steel Filters



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

搪玻璃温度计套管和加料管

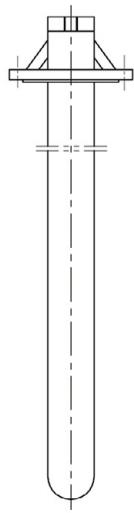
Glass-Lined Thermometer Pockets And Dip Pipes

搪玻璃温度计套管和加料管

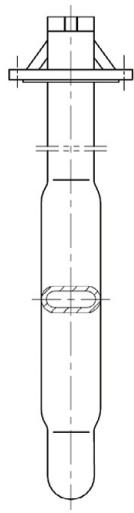
Glass-Lined Thermometer Pockets And Dip Pipes

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.

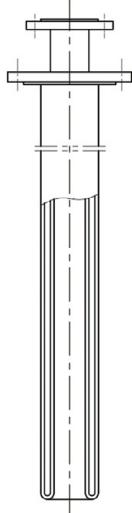


A型



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

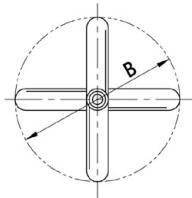
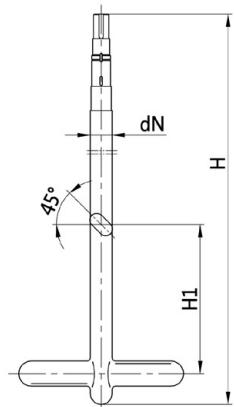
在搪玻璃温度计套管的底部加上金属钽的测温头和PT100的铂电阻，可以准确、实时测量反应罐内部的温度变化。

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.

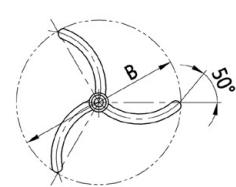
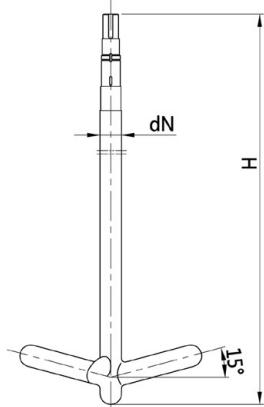


搪玻璃搅拌器

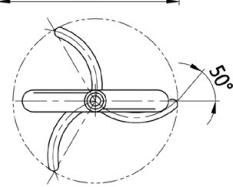
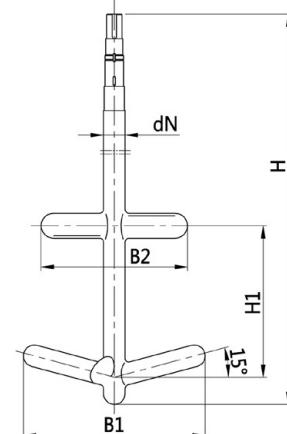
Glass-Lined Agitators



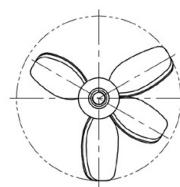
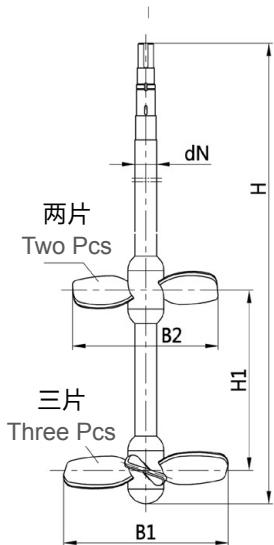
桨式 Paddle Type



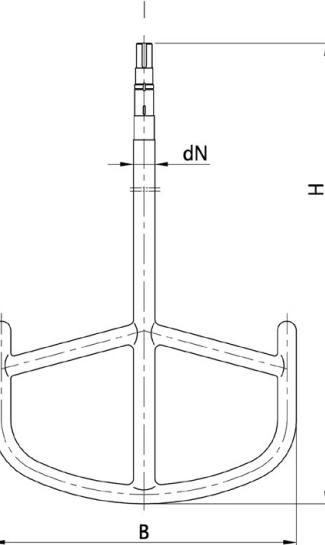
叶轮式 Turbine Type



组合式 Combination Type



叶片式 Propeller Type



框(锚)式 Frame (Anchor) Type

单位 (Unit) : mm

搅拌类型 Type	框(锚)式 Frame(Anchor)	桨式 Paddle Type			叶轮式 Turbine Type		组合式 Combination Type				叶片式 Propeller Type					
		B	H	B	H1	H	B	H	B1	B2	H1	H	B1	B2	H1	H
K50	40	420	900	300	100	900	300	900	300	300	/	900				
K100	40	520	1040	300	120	1040	300	1040	300	300	/	1040				
K200	50	620	1280	400	150	1250	400	1250	400	400	150	1250	450		1250	
K300	65	720	1440	400	200	1400	500	1400	500	400	200	1400	500		1400	
K500	65	810	1670	450	400	1590	500	1590	500	450	400	1590	500		1590	
K1000	80	1080	1960	680	600	1900	700	1900	700	680	600	1900	580		1800	
K1500	80	1180	2140	680	600	2140	700	2140	700	680	600	2140	630		2010	
K2000	80	1180	2480	680	600	2480	700	2480	700	680	600	2480	630		2360	
K3000	95	1440	2625	720	700	2625	800	2625	800	720	700	2625	780		2480	
K4000	95	1440	3100	720	700	3100	800	3100	800	720	700	3100	780	780	800	2910
K5000	95	1580	3225	720	800	3225	850	3225	850	720	800	3225	830	830	900	3065
K6300	95	1580	3690	720	800	3600	850	3600	850	720	800	3600	830	830	1000	3830
K8000	110	1800	4230													
K10000	110	1800	4350													
K12500	110	1800	5010													

单位 (Unit) : mm

搅拌类型 Type	桨式 Paddle Type			叶轮式 Turbine Type		组合式 Combination Type				叶片式 Propeller Type					
	B	H1	H	B	H	B1	B2	H1	H	B1	B2	H1	H		
F1500	80	680	600	2140	700	2140	700	580	600	2140	630		2075		
F2000	80	680	600	2480	700	2480	700	580	600	2480	630		2406		
F3000	95	720	700	2625	800	2625	800	720	700	2625	630		2455		
F4000	95	720	700	3100	800	3100	800	720	700	3100	630	580	800	2935	
F5000	95	720	800	3225	850	3225	850	720	800	3225	630	580	900	3090	
F6300	95	720	800	3600	850	3600	850	720	800	3600	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	4837	1200	4837	1200	980	1200	4837	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	

注：规格 6300L 以下采用 TB 机架内螺纹连接轴头。

Notes: Specifications below 6300L use internal thread connecting shaft head.

冷冻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



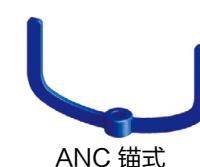
VBT 直叶桨式



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

部分搪玻璃搅拌器实物

Glass-Lined Agitators



桨式 Paddle Type



锚式 Anchor Type



叶片式 Propeller Ty|



框式 Frame Type



蒸发式 Evaporation type



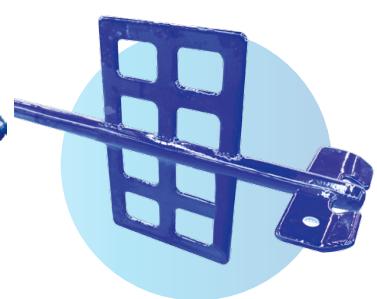
圆盘涡轮式 Rushton Turbine Type



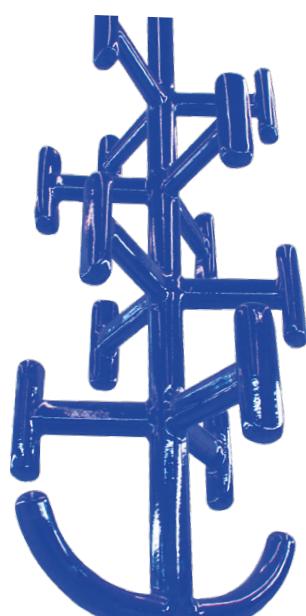
叶轮式 Turbine Type



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



推进组合式
Propulsive Combination Type



可拆卸组合式
Frozen Assembly Type

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 thermowell pocket. The flush valve also can realize the remote control of glass-lined reactor discharging by changing the air actuated device of valve core.



公称压力 PN Nominal Pressure	PN0.4 PN0.6					PN1.0				
公称直径 DN Nominal Diameter	65/32	80/50	100/50	125/80	150/100	65/50	80/50	100/65	125/100	150/100



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℃~200℃。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			PN1.6		
公称直径 DN Nominal Diameter	100/80	125/80	150/100	100/80	125/80	150/100

机械密封

Mechanical Seals

2009 型双端面机械密封

2009 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.

快速拆装密封驱动系统

Quick replacement of shaft seal drive system



212 型单端面机械密封

212 Type Single Mechanical Seals



压力Pressure: -0.1~0.4MPa

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.

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 agitator, workers can used special tools to quickly replace the mechanical seal.

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.

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——

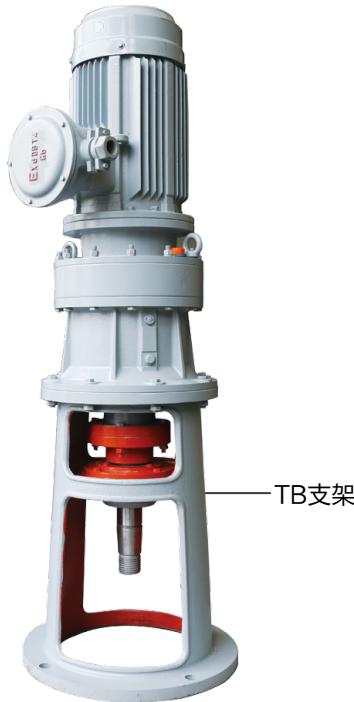


卧式 Horizontal

摆线针轮减速机 Cycloidal Pinwheel Reducers

摆线针轮减速机具有传动效率高，工作平稳，噪声低，结构紧凑，使用可靠，寿命长等优点，是目前比较理想的减速装置。我公司生产的搪玻璃系列反应罐采用了这种传动装置，根据设备大小配备了不同的功率型号（特殊工艺根据实际工况选用）。

Cycloid pinwheel reducer has the advantage of high transmission efficiency, smooth running, low noise, compact structure, reliable operation, long service life and it is the relative ideal reduction gear so far. Our glass-lined reactor adopts such transmission device and is equipped with different power model according to the size of the equipment.



功率 Power KW	减速机 Reducer	转速 r/min Speed			配套反应罐 Reactor
		i=11	i=17	i=23	
0.75	BLD-1	130	85	63	50-100L
1.1	BLD-1	130	85	63	200L
3	BLD-2	130	85	63	300~800L
4	BLD-3	130	85	63	1000~2000L
5.5	BLD-3/4	130	85	63	2500~5000L
7.5	BLD-4	130	85	-	3000~6300L
11	BLD-4	130	85	-	8000L
11	BLD-5	130	85	-	10000L
15	BLD-5	130	85	-	12500L
18.5	BLD-6	130	85	-	15000~20000L

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 .



带烧结视镜型人孔装置，此结构是上一代人孔装置的升级产品。该结构更适用于安装在使用CIP清洗系统的生产线。由于视镜玻璃和人孔盖在高温下烧结成一体，使视镜玻璃更容易清洗。加之采用快开手孔装置，使手孔盖的开启更方便，更快捷。

The manhole cover with sintering sight glass is the upgraded products. This device is more suitable for installation in the CIP cleaning system of the production lines. The sight glass and manhole cover have been burned into an organic whole, which makes it easier for sight glass to be cleaned. What's more, using quick opening hand hole device makes the operation more convenient and faster.

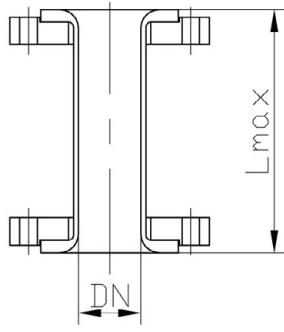


搪玻璃管件

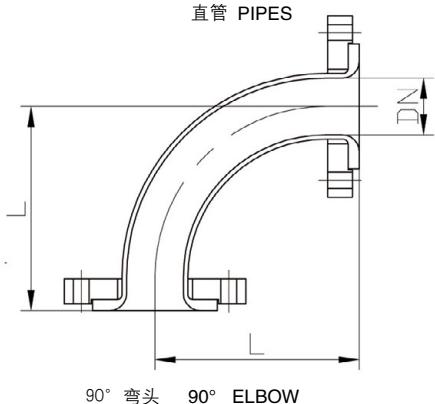
Glass-Lined Pipes And Fittings

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

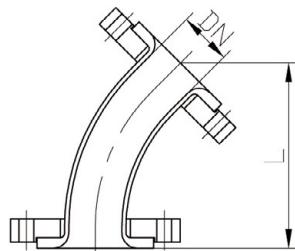
Various glass-lined pipes and columns are available. We also manufacture them according to your requirements.



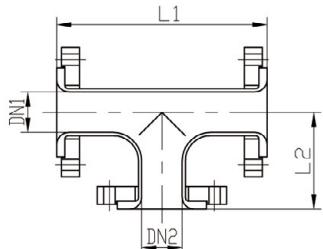
直管 PIPES



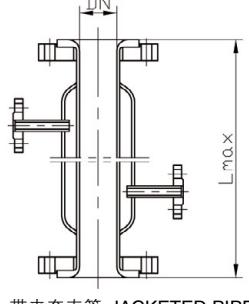
90° 弯头 90° ELBOW



45° 弯头 45° ELBOW



三通 TEE



带夹套直管 JACKETED PIPES

直管 mm Pipes

DN	32	40	50	65	80	100	125	150	200	250
Lmax	500	1000	1500	1500	1500	1500	1500	2000	2000	2000

90° 弯头 mm 90° Elbow

DN	32	40	50	65	80	100	125	150	200	250
L	105	110	125	135	145	155	175	200	260	310

45° 弯头 mm 45° Elbow

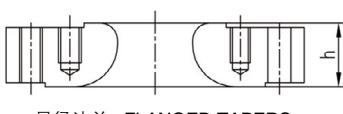
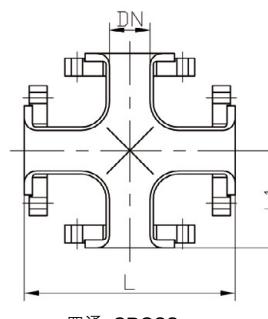
DN	32	40	50	65	80	100	125	150	200	250
L	114	118	128	135	143	155	169	191	235	274

三通 mm Tee

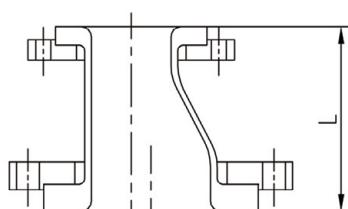
DN2 DN1 L1/L2	32	40	50	65	80	100	125	150	200	250
32	210/90									
40	220/95	220/100								
50	240/100	240/105	240/120							
65	260/105	260/110	260/115	260/130						
80	280/110	280/115	280/120	280/130	280/140					
100	310/125	310/130	310/135	310/140	310/155					
125		340/145	340/150	340/155	340/160	340/170				
150			390/160	390/165	390/175	390/180	390/195			
200				460/195	460/200	460/210	460/220	460/230		
250					540/230	540/235	540/245	540/250	540/270	

带夹套直管 mm Jacketed Pipes

DN	32	40	50	65	80	100	125	150	200	250
Lmax	500	1000	1000	1500	1500	1500	1500	2000	2000	2000



同心异径管 CONCENTRIC PIPES



偏心异径管 ECCENTRIC PIPES

四通 mm Cross

DN	32	40	50	65	80	100	125	150	200	250
L	210	220	220	260	280	310	340	390	460	540
L ₁	105	110	120	130	140	155	170	195	230	270

异径法兰 mm Flanged Tapers

DN2 L ₁ /L ₂	32	40	50	65	80	100	125	150	200
DN1	32	35	35	35	35	45	45	45	45
40	35								
50	35	35							
65	35	35	35						
80			35	35					
100				45	45	45			
125					45	45	45		
150						45	45		
200						45	45	45	
250							45	45	45

同心异径管 mm Concentric Pipes

DN2 L ₁ /L ₂	32	40	50	65	80	100	125	150	200
DN1	32	145							
40	145								
50	155	155							
65	170	170	170						
80	170	170	170	170					
100		190	190	190	190				
125			210	210	210	210			
150				230	230	235	235		
200					250	250	250		
250						280	280	280	280

偏心异径管 mm Eccentric Pipes

DN2 L ₁ /L ₂	32	40	50	65	80	100	125	150	200
DN1	32	145							
40	145								
50	155	155							
65	170	170	170						
80	170	170	170	170					
100		190	190	190	190				
125			210	210	210	210			
150				230	230	235	235		
200					250	250	250		
250						280	280	280	280



高性能的搪玻璃釉

High Performance Enamel

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



太极自行研制的TJ2009及TJ2016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 and TJ2016 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。

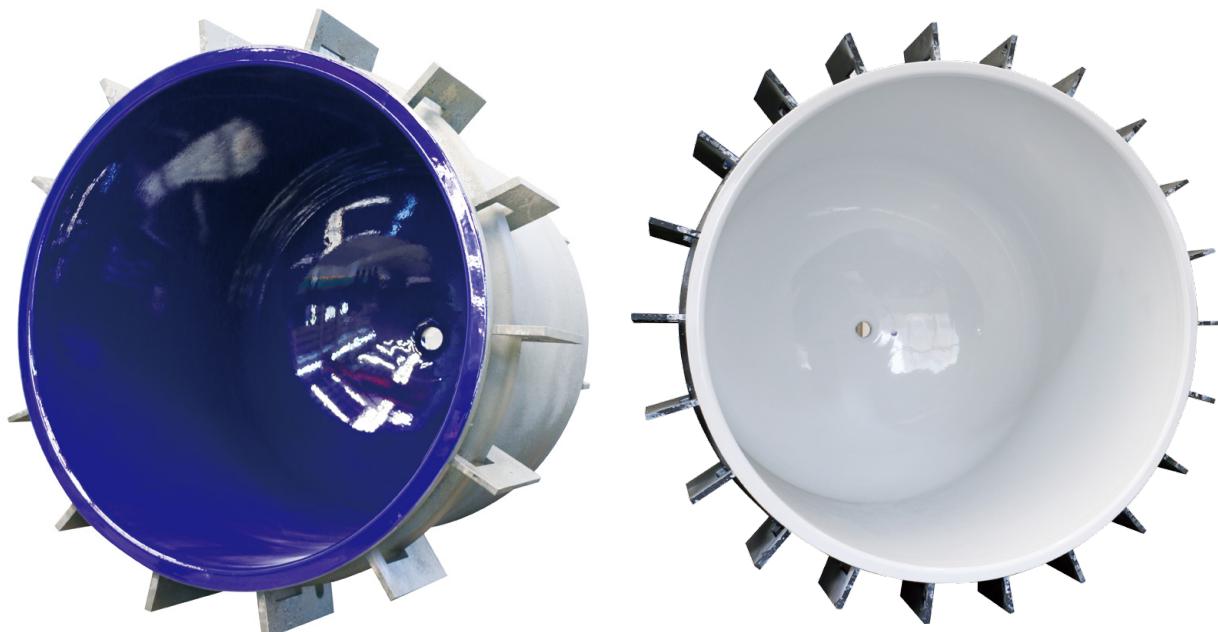
TAIJI enamel adopts international advanced electric furnace sintering process and accurate compounding for enamel, strictly controls every production process and completely guarantees the quality of the enamel.



太极搪玻璃釉性能检测结果

TAIJI ENAMEL PROPERTY TEST REPORT

检测项目名称 Test item	标准要求 Standard regulation	TJ-2009	TJ-2016	检测方法 Test method
		检测结果 Test Result	检测结果 Test Result	
耐20%沸腾盐酸168h 腐蚀性 Resist 20% boiling HCL, 168h corrosion	≤1.2g/m ² d	0.32	0.21	GB/T 7989
耐0.1mol/L, 80℃氢氧化钠24h腐蚀性 Resist 0.1mol/L, 80℃ NaOH 24h corrosion	≤5.0g/m ² d	1.95	1.42	GB/T 7988
耐温差急变性 Resist sharp temperature variation	≥200℃	205	210	GB/T 7987
耐机械冲击性 Resist mechanical impact	≥220x10 ⁻³ J	268	278	GB/T 7990
耐沸腾水336h腐蚀性能 Resist boiling water 336h corrosion	≤5.0g/m ² d	0.35	0.31	GB/T 7989
平均线热膨胀系数 Average coefficient of thermal expansion	/	9.86/10 ⁻⁶ k ⁻¹	9.75/10 ⁻⁶ k ⁻¹	GB/T 7991.7



活套法兰和垫片

Split Flanges And Gaskets

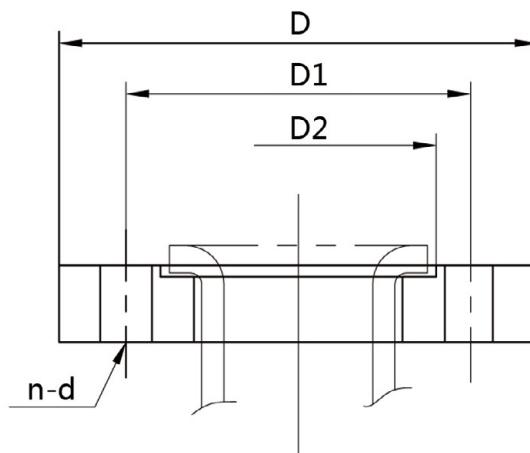
密封垫圈 Gaskets

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.



活套法兰 Split Flanges

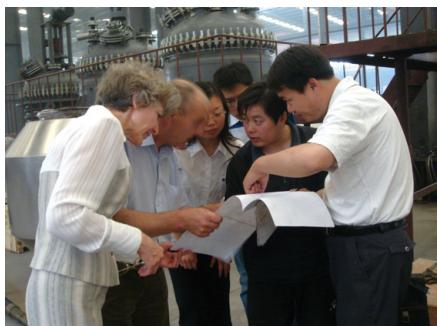


公称压力PN Nominal Pressure	PN0.6				PN1.0			
	D mm	D1 mm	D2 mm	n-d	D mm	D1 mm	D2 mm	n-d
50	140	110	92	4-14	165	125	104	4-18
65	160	130	112	4-14	185	145	124	8-18
80	190	150	130	4-18	200	160	135	8-18
100	210	170	150	4-18	220	180	160	8-18
125	240	200	180	8-18	250	210	190	8-18
150	265	225	204	8-18	285	240	214	8-22
200	320	280	260	8-18	340	295	270	8-22
250	375	335	314	12-18	395	350	324	12-22



07

客户案例 Customer case



客户案例

Customer case





人品决定产品 产品反映人品



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。

2010-2020

- 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并开始批量生产销售，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 ● 中央电视台大型纪录片CCTV发现之旅《品质》栏目走进太极，用镜头记录宣传了高品质“太极搪玻璃设备”的生产制造。
- 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”。
-





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