



### Technique Standards (技术标准):

- 罐体焊缝应保证平齐，不得有凹凸棱角及划痕。  
The welding line should be smooth and tidy, concave & convex edges and scratches are not allowed.
- 焊缝抛光到Ra小于0.8微米  
The polishing accuracy of welding line should be  $<0.8\mu\text{m}$
- 制造完毕后，设备内及夹套打压检漏，压力3.0Bar 保持24小时  
After finished, the whole tank and jackets should be tested by filling air, keeping 24 hours with 3Bar pressure.

### Technical Parameters (技术参数)

	Interior (内胆)	Jacket (夹套)
Material (材质)	SUS304	SUS304
Working pressure (工作压力) Bar	1.5	1.5
Design pressure (设计压力) Bar	3.0	3.0
Tank size (罐尺寸) mm	Ø960*2300	
Quantity (数量)	1	
Cooling mode (制冷方式)	Alcohol water cooling (乙二醇水制冷)	
Insulation material (保温材料)	Polyurethane (聚氨酯)	
Insulation thickness (保温层厚度) mm	80	
Outer tank thickness (外胆厚度) mm	2.0	
Inter tank thickness (内胆厚度) mm	3.0	
Cover tank thickness (封头厚度) mm	3.0	
Cone angle (锥角)	60°	
Cone volume (锥部容积) L	117	
Cylinder volume (筒体容积) L	502	
Cover volume (封头容积) L	63	
Effective volume (有效容积) L	500	
Total volume (总容积) L	682	

### Table of pipe connection (管口表)

NO. (序号)	Size (尺寸)	Purpose (用途)	Connecting style (连接方式)
a	Ø38*1.5	Drainage port (排污口)	Clamp (卡箍)
b	G3/4	Ice water inlet (冰水进口)	Thread (螺纹)
c	G3/4	Ice water outlet (冰水出口)	Thread (螺纹)
d	Ø32*1.5	Beer outlet (出酒口)	Clamp (卡箍)
e	Ø25*1.5	Sampling port (取样口)	Clamp (卡箍)
f	330*430	Manhole door (椭圆人孔门)	Quick-open (快开)
g	Ø38*1.5	CIP port (CIP接口)	Clamp (卡箍)
h	Ø51*1.5	Dry hops adding port (酒花添加口)	Clamp (卡箍)
i	Ø38*1.5	Safety valve (安全阀)	Clamp (卡箍)

### Specification (规格)

13	Pressure gauge (压力表)	Clamp (卡箍)	Ø38mm	1	SUS304
12	Water-sealed valve (水封阀)	Clamp (卡箍)	Ø38mm	1	SUS304
11	CIP pipe (CIP管)	Clamp (卡箍)	Ø38mm	1	SUS304
10	Cleaning ball (清洗球)	Thread (螺纹)	Ø32mm	1	SUS304
9	Manhole door (椭圆人孔门)	Quick-open (快开)	330*430mm	1	SUS304
8	Dished head (蝶形封头)	Welding (焊接)	/	1	SUS304
7	Thermal insulation layer (保温层)	/	80mm	/	PU
6	Ice water jacket (冰水夹套)	Welding (焊接)	/	1	SUS304
5	Temperature probe (温度探头)	/	/	1	PT100
4	Leg braced (支腿拉撑)	Welding (焊接)	Ø32mm	3	SUS304
3	Supporting leg (支腿)	Welding (焊接)	Ø102mm	3	SUS304
2	Adjusting bolt (调节螺栓)	Thread (螺纹)	M20	3	SUS304
1	Floor (底板)	Welding (焊接)	Ø102mm	3	SUS304
NO.	Name (名称)	Connecting style (连接方式)	Size (尺寸)	Qty (数量)	Material (材料)

500L 发酵罐  
500L Fermentation tank

设计	签名	时间	Assembly Diagram	重量	订单编号
校对					
审核					
批准				共 张 第 张	日期