

Chemical Reagent Skid Manual

Content

Chemical Reagent Skid Manual	1
1. Device power supply	1
1.1 Device Power	1
2. Page description	1
2.1 Main Interface	1
2.2 Menu Bar	2
2.3 parameter setting	2
2.4 Status Display	4
2.5 Supercharging process	4
2.6 Automatic Control	5
2.7 Manual Control	5
3. Automatic Operation Steps	6

1. Device power supply

1.1 Device Power

- 380VAC \pm 10%
- 50HZ
- 37KW

2. Page description

2.1 Main Interface

Click the button to enter the system



2.2 Menu Bar



- Status display: Display sensor status page
- Supercharging process: display supercharging status display page
- Automatic Control: Automatic Control Page
- Manual Control: Manual Control Page
- IO status: display input and output status
- Parameter setting: set the running parameters
- Alarm information: display alarm status information
- Back to home page: Return to the initial page

2.3 parameter setting

2.3.1 Enter password

Password is required to set parameters



The password is a dynamic real-time date (for example, the date is June 1, 2023, and the password is 20230601)

2.3.2 Parameter setting

状态显示 增压流程 自动控制 手动控制 IO状态 参数设置 报警信息 返回主页

设备	名称	高位	低位	报警值	说明
增压撬	液位	0.0	0.0	0.0	液位低于设定值时报警
	温度	0.0	0.0	0.0	温度高于设定值时报警
搅拌撬	液位	0.0	0.0	0.0	液位低于设定值时报警
	温度	0.0	0.0	0.0	温度高于设定值时报警

压力报警值	可燃气体报警值	硫化氢报警值	泵增压比		
0.0	0.0	0.0	0		

2023/06/19 10:04:29

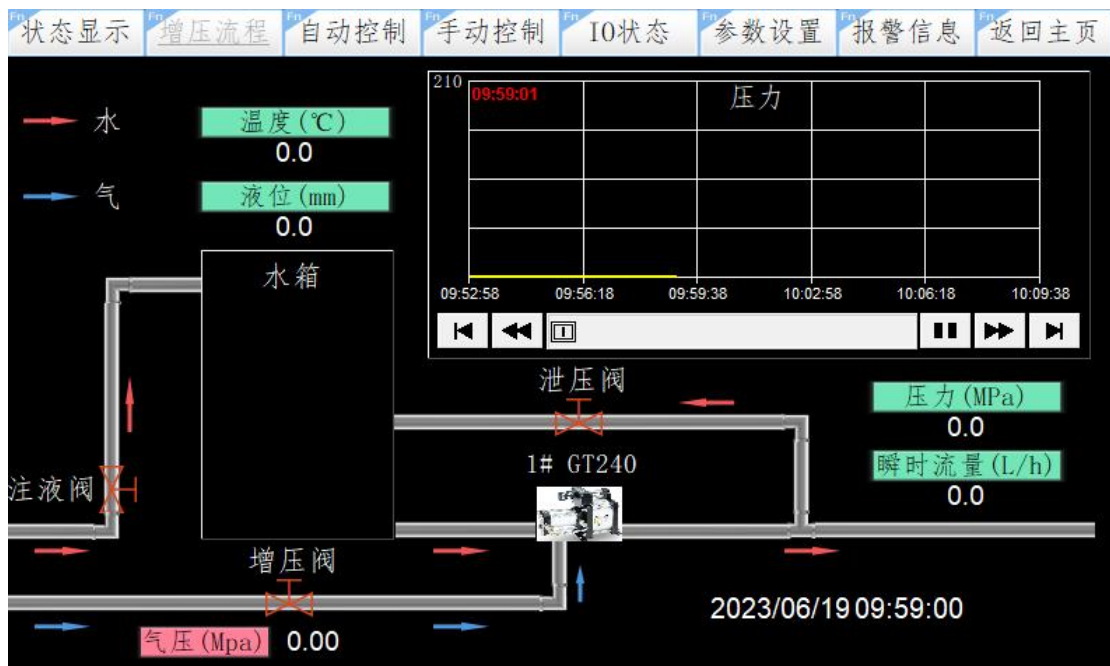
- Liquid level high: The position at which liquid stops filling
- Liquid level low: the position where the liquid starts to inject
- Liquid level alarm value: the liquid exceeds the alarm value to stop the alarm
- Temperature High: The temperature at which the heater stops heating
- Temperature Low: The temperature at which the heater starts heating
- Temperature alarm value: shutdown alarm when the temperature exceeds the alarm value
- Pressure alarm value: shutdown alarm when the pressure exceeds the alarm value
- Combustible gas alarm value: Shutdown alarm when combustible gas exceeds the alarm value
- Hydrogen sulfide alarm value: Shutdown alarm when hydrogen sulfide exceeds the alarm value
- Pump Boost Ratio: The boost ratio of the booster pump

2.4 Status Display



Display real-time data from sensors

2.5 Supercharging process



Display boosting process and real-time pressure curve

2.6 Automatic Control

状态显示 增压流程 自动控制 手动控制 IO状态 参数设置 报警信息 返回主页

泵选择: 1# GT240

设置压力 (MPa)
0.0

手动 自动

运行时间: 0.0 H
当前压力: 0.0 MPa
瞬时流量: 0.0 L/h
总流量: 0.0 L 清零 长按3s
增压加热器: 停止
搅拌加热器: 停止
搅拌器: 停止
空压机状态:

2023/06/19 09:59:49

2.7 Manual Control

状态显示 增压流程 自动控制 手动控制 IO状态 参数设置 报警信息 返回主页

压力 (MPa)
0.0

瞬时流量 (L/h)
0.0

气压 (Mpa)
0.00

设置压力 (MPa)
0.0

泵选择: 1# GT240

增压 泄压
搅拌电机 注液泵
空压机启动 空压机停止

2023/06/19 10:01:27

Boost: boosting according to the set pressure and the selected pump

Boost: Remove pressure

3. Automatic Operation Steps

1. Set the temperature and liquid level high and low
2. Enter the automatic operation interface
3. Set the automatic operating pressure
4. Select booster pump
5. Switch to automatic mode
6. Adjust the appropriate flow