

SVG-E User's manual

1. Parameter information

1. With 2 time periods and 4 time period settings, the needle valve can be controlled to act once or twice in one working cycle.
2. Output can choose DC24V or switch output, factory optional, suitable for any solenoid valve selection.
3. There are two working modes of A and B to choose from, the parameter setting is simple, and the work is stable and reliable.
4. Manual valve opening function
5. Power input: 200~240VAC 50/60Hz
6. Signal input: DC24V or switch input (factory optional)
7. Control time period: Single period: T1, T2 (T1 delay time, T2 is the injection time)
Dual time periods: T1, T2, T3, T4 four time periods (t1, t3 are delay time, t2, t4 are injection time)
8. Time range: 0.00~99.99 seconds
9. Control groups: 8 groups

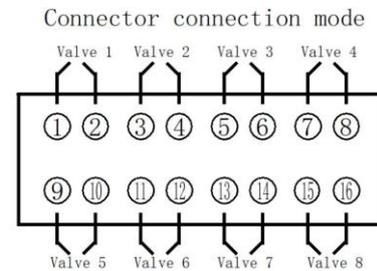
2.the status bar information

- Dis** Disable
- Close** Valve closed
- Man** Manual valve opening
- Delay 1** Delay period 1
- Open 1** Valve opening period 1
- Delay 2** Delay period 2
- Open 2** Valve opening period 2

3. Product configuration

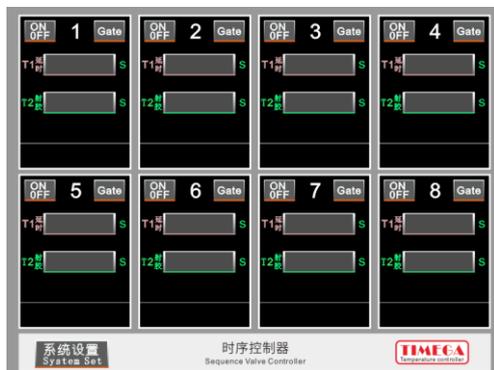
- 1 8-inch touch screen
- 2 Solenoid valve control cable
- 3 Input signal cable
- 4 Device power cord
- 5 Host

4.Wiring diagram



1、 Operation interface

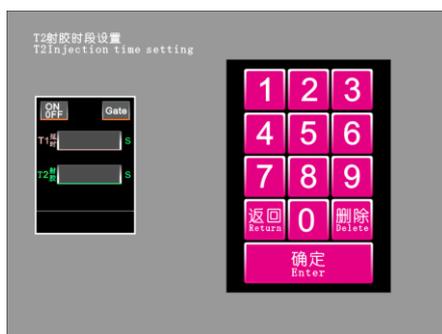
1. Home



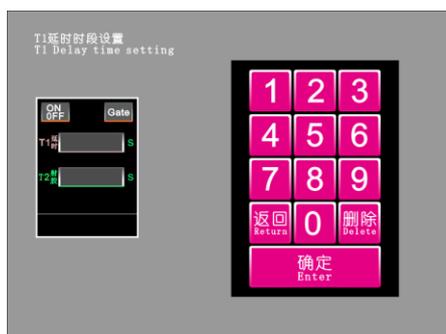
2、 Dual-period operation interface



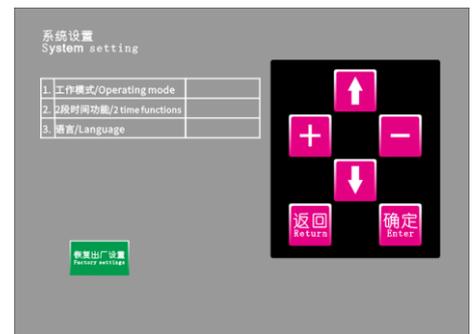
3、 Injection time setting interface



4、 Delay time setting interface



5、 System setup interface

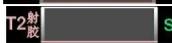


6. Operating instructions

1. Switch on and off

1、 Press the front power switch. ② Tap ON/OFF on the touchscreen  switch turns on or off the area that needs to be used

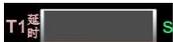
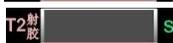
2. Single time period T1, T2 time setting

(1) To set the delay period, press the T1 button  (2) Set the injection time, press the T2 button  then



Enter the set time
Press Enter to complete the setup.

3. Dual time period T1, T2, T3, T4 time setting

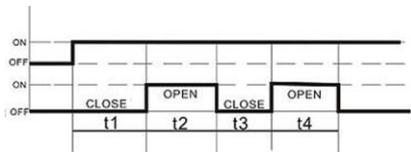
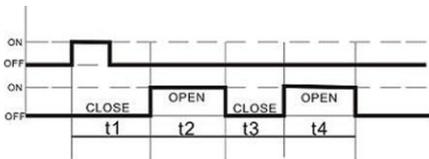
(1) Set the first time delay period, press the T1 button  (2) Set the first time injection time, press the T2 button  (3) Set the second time delay period, press the T3 button  (4) Set the second injection time period, press the T4 button  then



Enter the set time
Press Enter to complete the setup.

3. Trigger signal mode selection setting

Press the System Settings button , Press  or  button, Select the first working mode parameter, press  or  button, To switch trigger mode (pulse mode/Keep mode)



4. Manual valve opening mode

Press on any zone  button, To open or close the manual valve.

5. Language switch

Press the System Settings button , Press  or  button, To select the third language parameter, press  or press  button to select language (Chinese/EN)

6. Dual time function setting

Press the System Settings button , Press  or  button, Select the second 2-segment time parameter, press  or  button to enable 2-segment time function (select to disable is a single-segment time)

8. Reset

Press the System Settings button , Click the Restore Factory Settings  button, and all settings will be restored to their original values.

7. Job description

When the mold clamping signal is input, the status bar displays **Delay 1**, and then the T1 display window starts to run the time. When the set time is reached, the solenoid valve opens, and the status bar displays **Open 1** at the same time, and the T2 display window starts to run the time. If the time T3 and T4 are enabled, it will enter T3 after the end of T2. At this time, the T3 display window starts to run the time, and the status bar displays **Delay 2** at the same time. After the set time, the solenoid valve is turned on, and the status bar displays **Open 2** at the same time. The second line shows the window start time.