



General features:

- **Touch screen ramp and soak controller just like HMI**
- Maximum 6 patterns, each pattern maximum 12 steps
- **4.3 inch TFT display, HMI+temperature controller 2 in 1**
- Support thermocouple input(K,E,J,N,Wre3-25,S,T,R,B), input field configurable
- Relay, SSR Drive, 4-20mA,0-10VDC output optional
- Maximum 2 alarms, multiple alarm modes
- 100~240Vac supply
- Vivid color display, user friendly, very easy to program

Unique features

- Run, Reset, Jump on the program just one click.
- Output power restriction on each step of each pattern
- With alarm record and real time curve record function
- Very easy to program, only a handful of parameters needs to be set, the setting is easy compare with conventional profiles controllers where end user have to access to multiple parameter levels and configuration can be very annoy.
- Quickly switch between each pattern
- Wait function, when program starts, if the PV is less than the starting temperature of the pattern, the program will be put on hold and wait for the PV to reach preset temperature.
- Operator access protection
- Clock function, year, date, real time will be displayed on the unit

Ordering Information

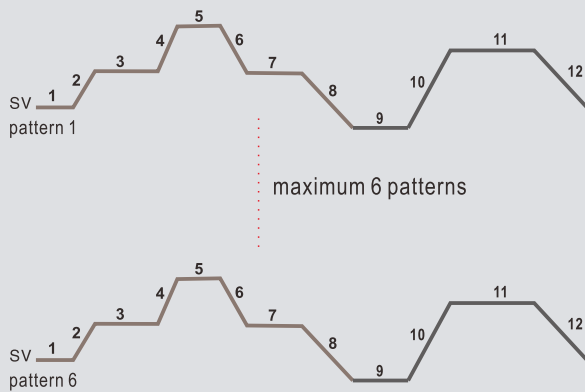
MF43H(4.3" inch profile controller+HMI 2 in 1) - **1**

1:Output and alarms

- MF43H-A629-A-MAX001: 3 SSR output, 1 alarm**
- MF43H-A629-A-MAX002: Relay output, 2 alarms**
- MF43H-A629-V-MAX004: SSR Drive output, 2 alarms**

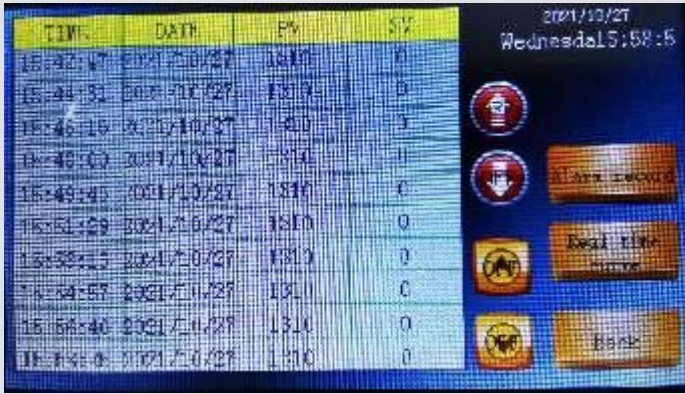
Patterns and segments

- Maximum 6 patterns, each pattern with maximum 12 segments



Programming a conventional ramp and soak controller with push buttons on the unit can be quite challenge and demanding This unit is a perfect solution, with easy to use human machine interface integrated. the configuration is very simple and straight forward

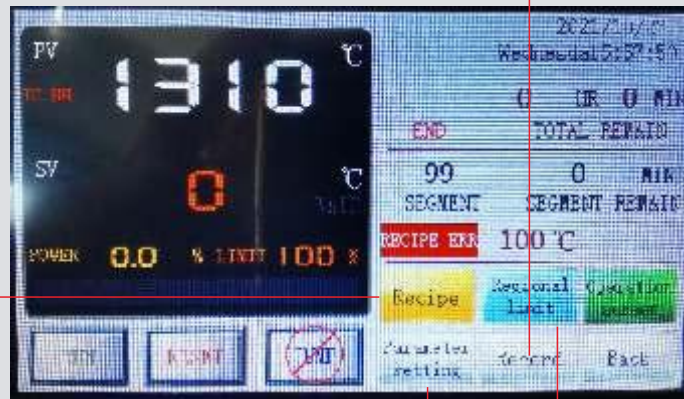
Quick operation guidelines



Record(alarm and PV record)



Real time status monitoring



Run selected pattern Reset pattern Jump to next segment

Recipe(select pattern and configure the pattern)



Parameter setting



← Output 1, Output 2, Output 3 limits