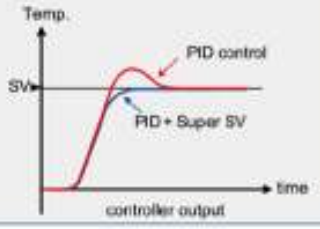
Features

Various I/O Types

Excellent Control Performance

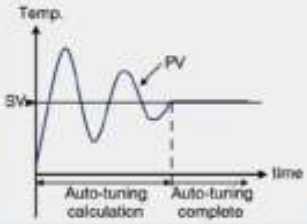
PID Control

Super SV function can effectively suppress temperature overshoot and quickly reach the set temperature.



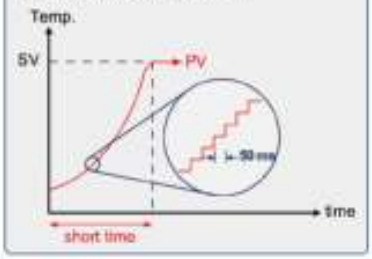
Auto-tuning

Calculate the optimal PID of the system value automatically, to achieve precise control effect.



High speed control

50ms sampling time for fast and precise control of the occasion.

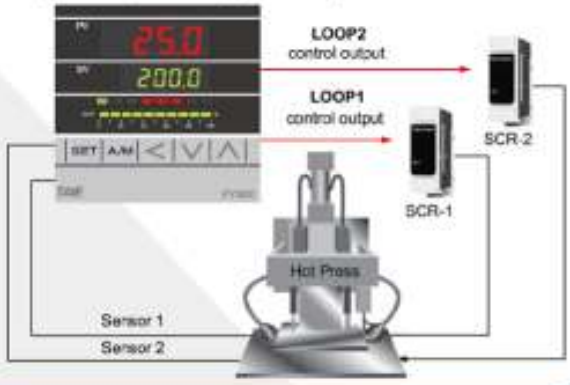


Powerful Program Control

Provides 15 patterns of 10 segments of program control, each segment can be arbitrarily set to ramp, soak ,step or cool down temperature, the user can be arbitrary according to the demand, the maximum can support to 150 segments program control.

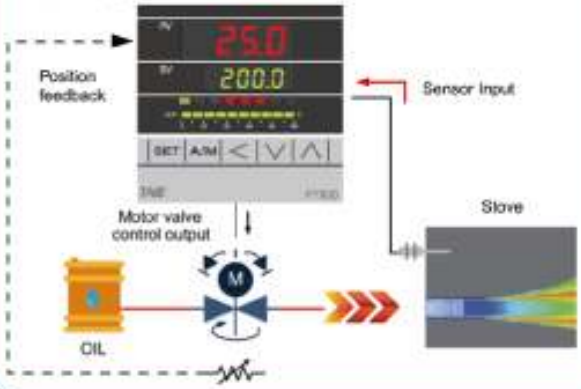
Double Loop Control

Double Loop design, accept two sensor inputs at the same time, independently control two systems, effectively reduce system costs.



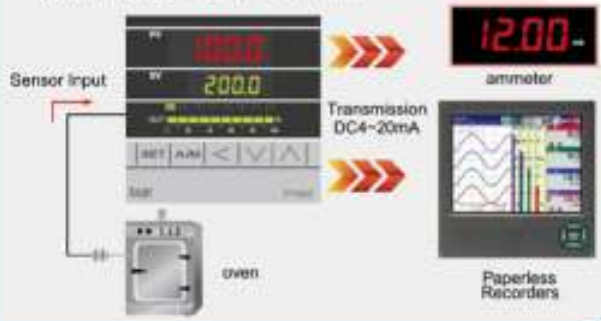
Motor Valve Control

Can use position feedback control of valve opening input or servo control without valve opening input.



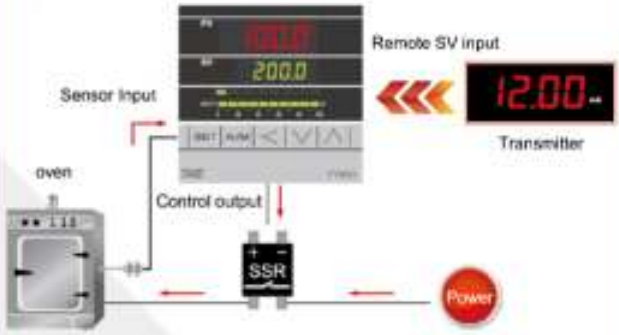
Transmission

Transfer parameter digital values as analog signals to external devices.
signals : 0~20mA , 4~20mA , 0~5V , 1~5V , 0~10V ...
parameters : SV1, PV1,MV1...



Remote SV

SV value is controlled by an analog signal from an external device.
signals : 0~20mA , 4~20mA , 0~5V , 1~5V , 0~10V ...
parameters : SV



Communication

Compatible with Modbus RTU communication protocol to quickly establish links with HMI, PLC or SCADA software.

Heater Break Alarm(HBA)

With a CT (current transformer) to monitor the heater current in real time, when the current value is abnormally reduced an alarm signal can be output to notify the user.