

# MTC-I series

## Product Description

Product Name: Hot Runner Temperature Controller



Model: MTC-I series

## Function analysis:

Fuse damage detection

Thermocouple abnormal prompt

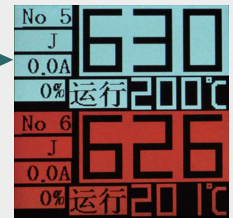
Over-temperature power-off protection

Power supply wrong protection

Alarm prompt function



A module displays A and B two temperature control zones



## Scope of use:

➤ Hot runner molds, various plastic molds, heat treatment equipment, etc.

## Advantage

Chinese/English color screen display

Small and exquisite, highly integrated

One module controls two temperature control zones.

Parameter setting is simple and the equipment is stable and reliable

Stable system with one card and dual controls

Modular design

Precise temperature control, misalignment protection

Specifications and parameters	Technical indicators
1. Control the temperature difference $\pm 0.5\%$	1. Color screen display
2. Cold-end compensation error: $\leq \pm 1^\circ\text{C}$	2. Chinese/English text alarm information
3. Temperature control range: K/J thermocouple (0- 450°C)	3. Current and current output ratio display
4. Single zone output power: 3.3kW	4. Fuse damage display
5. Maximum output current of single zone: 15A	5. Thermocouple/hearter fault detection
6. Alarm temperature range: 0-100°C free set	6. Customization of electric energy measurement function
7. Applicable thermocouple model: K/J	7. Fully industrial-grade electronic components
8. Working power supply: AC220V(380V) or according to the country	8. Linear voltage controller output to better protect the heater
9. PID digital adjustment	9. Phase loss/overvoltage alarm
10. Working environment: $-10^\circ\text{C}$ - $60^\circ\text{C}$ /relative humidity 35-85% RH	
11. The maximum number of control zones for a single device: 128 zones	

## Knob type operating temperature control module display

The temperature and other operations are set by rotating the knob on the temperature control module. The LCD display of the temperature control module adopts full Chinese/English display. The temperature control serial number, galvanic model, current, current output ratio, operating status and fault information are displayed on the screen. There are operating knobs, power status indicators and communication indicators on the panel. Temperature control modules can be interchanged between any temperature control zones.



The use of one-card dual-control control mode reduces the size of the machine by 50% compared to similar products, making it highly integrated and compact. Exquisite, the internal design uses dual interfaces and dual card holders to achieve a stable temperature control mechanism.

## Module details

