

MTC-B series

Product Description

Product Name: Hot Runner Temperature Controller

Model: MTC-B series



Advantages

Energy metering function and power display.

IPS Full Color Display Screen.

Active protection against incorrect heating and temperature sensing connections.

Fault display in Chinese/English, clear at a glance.

Temperature waveform chart, displays temperature control status.

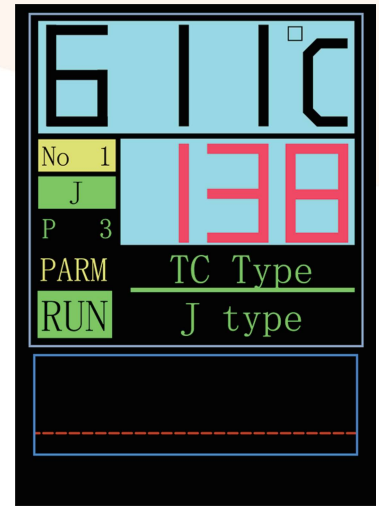
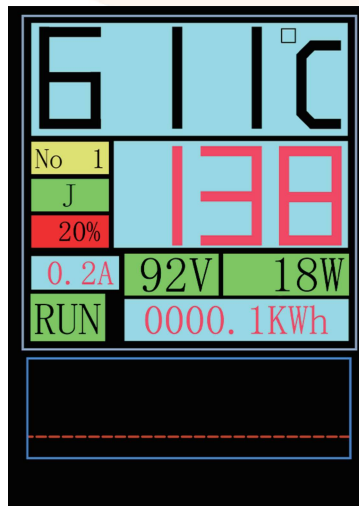
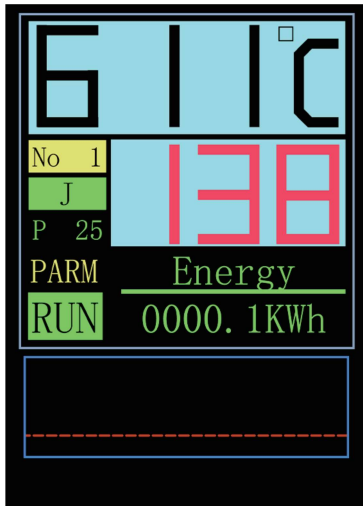
Optional electric energy metering function, monitors energy consumption.



Specifications	Technical indicators
1. Temperature control accuracy: $\pm 0.5\%$	1. IPS color screen display
2. Cold junction compensation error: $\leq \pm 1^\circ \text{C}$	2. Chinese/English information alarm
3. Temperature control range: $0-500^\circ \text{C}$	3. Current and output ratio display
4. Single zone output power: 3.3KW/zone	4. Fuse damage prompt
5. Single zone maximum output current: 15A	5. Thermocouple/heating tube fault detection
6. Alarm range: $0-100^\circ \text{C}$ free setting	6. Overvoltage alarm
7. Applicable thermocouple types: K, J type	7. Full industrial grade electronic components
8. Working power supply: AC220V (three-phase four-wire 380V)	8. Linear voltage control output, better protection of heating tube
9. Digital PID adjustment	9. Thermocouple and heating misconnection protection function
10. Working environment: $-10^\circ \text{C}-60^\circ \text{C}$ relative temperature 35%-85% relative humidity	10. Temperature waveform display
11. Chinese/English bilingual switch	11. Electric energy metering function, real-time understanding of energy consumption

IPS color display screen - text display is easier to understand

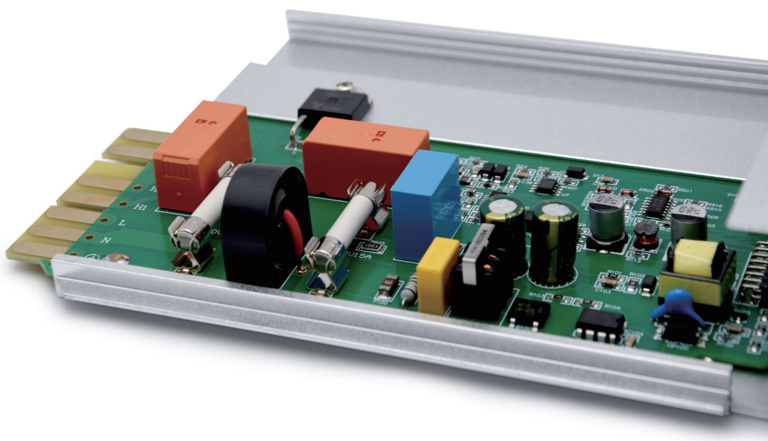
The temperature control card adopts a high-resolution IPS full-color LCD display, making it simpler for users to set up without needing an instruction manual to operate. Status information such as heating faults, thermocouple faults, current, output ratio, and the menu bar are all displayed in text, with free switching between Chinese and English.



High-precision temperature control and universal interface - seamless adaptation to other brands

Equipped with a high-precision temperature control system, which significantly reduces the defect rate of injection-molded products.

The temperature control card uses an internationally universal interface (gold finger), which can be seamlessly adapted to other brands without any loss.



Universal Interface



Temperature Test