

# **PCS** COMPANY **TC50 Hot Runner Controller**



**TC50-6**

## **FEATURES:**

- HMI: 7" LCD display with touch panel
- Group setup function
- Mold Memory
- Power balance detection and display
- Synchronous heat up and cool down
- Self diagnosis log
- Hot runner leak detection
- Injection machine connection for I/O function
  - (No Action, Stop, Standby, Alarm Output, Temp Ready)
- Thermocouple type: J/K
- Temperature unit: F/C
- Standard 25 pin connectors
- Heating mode selectable
- Maximum 15 amps per zone
- Temperature PID control
- Zero cross/Phase angle output trigger modes
- Auto detect the frequency of power source
- Current detect and display
- Soft start
- Boost
- Standby
- Output mode: Stop/Manual/Slave, selectable with broken thermocouple
- Overload protection for electric overload protection for heating output
- Fast fuse used to protect TRIAC
- Languages: English, Chinese 2, German, Spanish, French, Portuguese, Italian

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**TC50-12**

Item Number	No. of Zones	Height (in.)	Width (in.)	Depth (in.)	Voltage	Net Weight (lbs.)	Shipping Weight (lbs.)
TC50-6	6	7.2	13.3	11.3	240	20	23
TC50-12	12	14.3	13.3	11.3	240	24	37

Item Number	Replacement Parts
BAC0200001	TC50 Temperature Control Module
GAA5103003	TC50 BUS Board
BAC0200000	TC50 Output Module
GAA5103006	TC50 I/O Board
EJB0100150	TC50 HMI Module
JBS3245000	TC50 Fuses (Control Module)
JBS8630030	TC50 Fuse (Output Module)