

# Injection Molding Machine Controller

This injection molding machine controller is designed for precise control and efficient operation of injection molding processes. It features a user-friendly interface with a clear display for monitoring and adjusting parameters.



## ADDITIONAL IMAGES



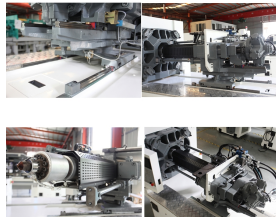
## Overview

### Precision Control System

This injection molding machine controller is engineered for precise management and efficient operation of industrial molding processes. It features a user-friendly digital interface designed for real-time monitoring and adjustment of critical parameters such as temperature, pressure, and cycle timing. The robust construction ensures reliable performance in demanding environments, helping to optimize molding consistency while reducing material waste.

## Technical Capabilities

### INJECTION UNIT 注射单元



The injection unit is designed for high-accuracy plastic injection and consistent material delivery.

### Supported Functions

- Temperature Control
- Pressure Regulation
- Cycle Time Management
- Clamping Force Regulation
- Mold Protection

### Compatible Materials

PC, PMMA, Fiber Glass Reinforced

## System Components

### Electrical & Control

- Programmable Logic Controller (PLC)
- Digital Control Interface
- Integrated Power Supply
- Circuit Breaker Protection

### Hydraulic System

- Pressure Gauge
- Fluid Level Indicators
- Control Valves
- High-Pressure Tubing

### Clamping Unit Features

- Mold Opening/Closing Speed Control
- Clamping Force Regulation
- Safety Interlocks
- Tie Bar Support