

Injection Molding Temperature Controller

This injection molding temperature controller precisely regulates mold temperatures using either oil or water. It features a digital display and safety mechanisms for efficient and reliable thermal management in industrial environments.



ADDITIONAL IMAGES



Overview

Precision Temperature Control for Industrial Molding

This versatile temperature controller is designed to optimize injection molding and industrial heating processes by maintaining precise thermal conditions. Available in both oil and water-based configurations, it supports a wide range of operational temperatures from 30°C to 350°C. With advanced features like automatic calculation, stainless steel heating elements, and a robust safety system, this unit helps improve product quality while reducing cycle times and energy consumption.

Technical Specifications

Performance Metrics

35 % Energy Savings	2 °C Temperature Accuracy
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Series Capabilities

Series Type	Power Range	Temp Range
Ordinary Water	6-30 KW	30-120 °C
Ordinary Oil	6-72 KW	30-200 °C
High-Temp Water	6-120 KW	120-180 °C
High-Temp Oil	18-120 KW	250-350 °C

Heating Media	Water, Oil
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Features

Key Features

- Touch mode internal storage and automatic calculation
- Dual electric heating tube control (separate or joint activation)
- Stainless steel heating elements
- Japanese process system design
- Integrated safety protection and fault indication

Applications

Suitable Industries

Plastic Molding • Die Casting • Rubber Tires • Chemical Industry • Textile Printing • Printing • Nonwovens