

Desktop Injection Molding Machine

This compact injection molding machine is designed for desktop use, ideal for prototyping and small-scale production. It is capable of processing various thermoplastic materials and offers a clamping force suitable for producing small to medium-sized parts.



ADDITIONAL IMAGES



Product Overview

Compact Industrial Molding Solution

This desktop injection molding machine is a versatile and compact solution designed for prototyping, small-scale production, and educational purposes. It features a user-friendly interface with precise digital controls for temperature, pressure, and cycle times, ensuring high-quality output for various thermoplastic materials. Its robust construction and small footprint make it an ideal choice for environments where space is limited but professional performance is required.

Core Capabilities

Key Features

- Precise digital parameter adjustment
- Compact desktop footprint
- Modular design for easy maintenance
- High-performance injection system
- Robust clamping mechanism
- Energy-efficient hydraulic operation

Material Compatibility

Compatible Materials

Thermoplastics, PC, PMMA, Fiber Glass Reinforced Plastics

Electrical Unit

ELECTRICAL UNIT
电器单元



Adjustable Parameters

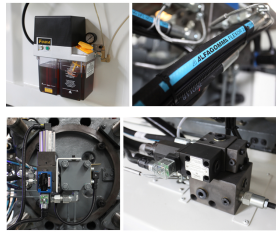
- Injection Pressure
- Temperature Control
- Cycle Time

Control System

Advanced HMI series with digital display for real-time monitoring

Hydraulic Unit

HYDRAULIC UNIT
液压单元



Hydraulic Components

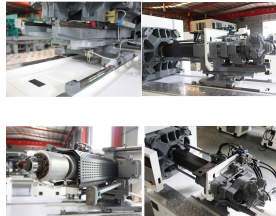
- High-pressure hoses
- Level indicators
- Integrated pressure gauges
- Precision control valves

Energy Efficiency

Low Oil Temp Consumption • Reduced Cooling Water Needs

Injection Unit

INJECTION UNIT
注射单元



Injection Performance

High-performance delivery system for consistent and accurate molding

Clamping Unit

CLAMPING UNIT
锁模单元



Clamping Mechanism

Robust unit ensuring secure mold closure for high-quality part production

Applications

Intended Use Cases

- Prototyping
- Small-scale manufacturing
- Educational and laboratory use
- Custom plastic part production