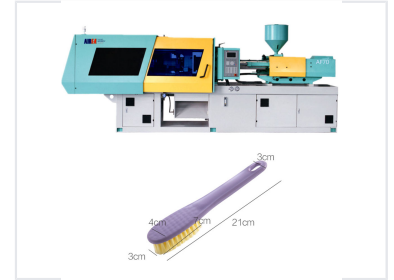


Desktop Injection Molding Machine

This compact injection molding machine is designed for desktop use. It is ideal for prototyping, small-scale production, and educational purposes.



ADDITIONAL IMAGES



Overview

High-Precision Desktop Injection Molding

This desktop injection molding machine is a compact and efficient solution designed for prototyping, research, and low-volume production of plastic components. It is capable of processing a wide range of thermoplastic materials, including engineering plastics like PC, PMMA, and Fiber Glass reinforced materials. The system is engineered to minimize hydraulic energy consumption and reduce cooling water requirements, making it an ideal choice for laboratory or workshop environments.

Key Performance Metrics

Key Performance Metrics

70 AF

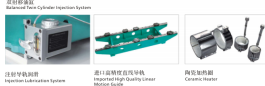
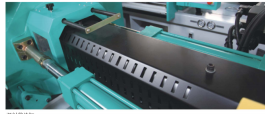
Model Series

130 AF

High Capacity Model

Injection Unit

注射机构 INJECTION UNIT



The injection unit features a balanced twin-cylinder system and high-precision linear motion guides.

Injection System	Balanced twin-cylinder injection system
Heating Type	Ceramic heaters for uniform thermal distribution
Motion Guidance	Imported high-quality linear motion guides
Lubrication	Injection Lubrication System, Guide Rail Lubrication

Hydraulic System

液压控制系统 HYDRAULIC SYSTEM



Detailed view of the hydraulic system including the imported pump, high-pressure hoses, and oil cooling unit.

System Components

- Imported hydraulic pump
- Imported high-pressure hydraulic hose
- Suction filter with check valve
- 100% Oil cooler
- Auto lubrication device

Electrical Control



The electrical system incorporates digital monitoring for pressure and flow voltage alongside advanced inverter control.

Control Features

- TECHMATION HUNTER II Inverter
- Digital voltmeter for pressure voltage
- Digital voltmeter for flow voltage
- User-friendly control interface

Material Compatibility

Compatible Materials

Thermoplastics, PC, PMMA, Fiber Glass Reinforced Plastic

Applications

Primary Applications

Prototyping • Small-scale Production • Educational Use • Laboratory Research

Operational Features

Efficiency Features

- Precise temperature control
- Adjustable injection pressure
- Reduced hydraulic energy consumption
- Optimized cooling water usage