

## Desktop Inject Y Ultra Intro



\$3499

### 1. Overview

Desktop Inject Y Ultra is a highly cost-effective desktop injection molding machine produced to meet the needs of makers, CNC education, and low-cost design and manufacturing. 35g large capacity design, screw feed, hydraulic injection molding. The entire machine can be placed on any desktop and used to quickly complete the process from design to finished product at low operating costs.

Supports injection molding of a variety of plastic materials, PP, PE, ABS, POM, PA, PC, PLA, TPU, PMMA. Suitable for the production of precision injection molded parts: electronic instruments, auto parts, medical accessories, daily necessities, laboratory supplies, etc.

\* In the injection type, the injection screw will move forward. Like the industrial grade, the injection pressure is high; in the extrusion type, the screw is directly spirally extruded.

\* Desktop injection molding machines require customized molds, and 3D printed mold cores can be used to reduce costs.

### 2. Feature

- 2.1. Compact structure and small footprint. Standardized industrial design, simple operation and easy to use
- 2.2. High precision and long life. Highly optimized mechanical mechanism and high-performance controller
- 2.3. Intelligent control, color touch screen, simple UI, multi-language settings, friendly operation
- 2.4. Servo motor, fast response, higher efficiency and low energy consumption
- 2.5. Stable performance. High-precision ( $\pm 1^{\circ}\text{C}$ ) three-stage PID constant temperature control, three-stage barrel, precise temperature control.
- 2.6. Alloy barrel (nitrided alloy material + quenching and tempering heat treatment), anti-overflow plastic injection head

## 3. Specs

Equip Dimensions	W230×D66×H90 cm	Equip Power	3.5 kW
N.W	160 kg	G.W	170 kg
Packing Size	W160×H98×D48 cm	Clamping Force	16 Tons
Motor	1.2 Kw Servo Motor	Power Supply	220 V
Screw Diameter	Φ16 mm	Max. Shot Weight(PS)	35 g
Max. Mold Size	L184×W260 mm	Max. Mold Thickness	260 mm
Clamping Method	Toggle	Molding Method	Hydraulic Plunger injection
Max. Injection Pressure	120 Mpa	Max. Shot Speed	150cm <sup>3</sup> /s
Mold Opening Stroke	110 mm	Max. Heat Temp	400±1°C
Ejector Stroke	40 mm	Heating Stage	3
Lead time	Equip 20 days Mold 25 days	Materials	PP PE ABS POM PA PC PLA TPE PMMA etc

## 4. Required &amp; Optional

Required			
No.	Name	Specs	Price
1	1.5 kW Hydraulic Station	380V	\$ 353
2	2kW Inverter	two-phase 220V to three-phase 380V, to provide power to the hydraulic station; soft start, overcurrent protection; Programmable control, intermittent work of the hydraulic station to save electricity.	\$147
Optional			
3	6kW Transformer	AC 220V to 110V	\$147
4	Drop Detection	Detect whether there are products falling	\$222
5	2kg Dryer	Capacity 2kg, N.W: 15kg	\$699
6	50kg Loader	Conveying capacity: 50kg/hr N.W: 3kg	\$299
7	15Kg Storage Drum	Capacity 15kg	\$169



#### 5. Case



#### 6. Warranty

1. Warranty period 12 months.
2. During the warranty period, the manufacturer will send free accessories for non-human damage and provide remote guidance for replacement.
3. Out of warranty, the manufacturer can provide spare parts at cost price, or provide spare parts purchase channels for you to purchase by yourself.