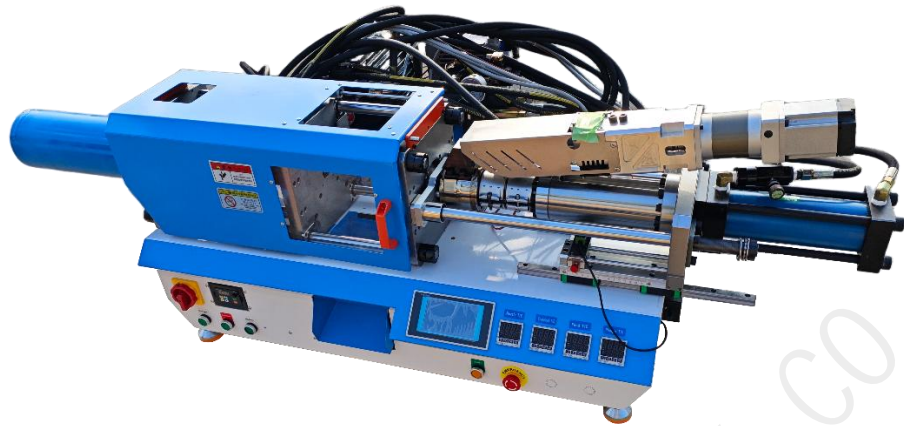


## Desktop Injection Molding Machine - Ultra 2 Intro



\$4899 [ 35g Machine with LPHU ]

### 1. Overview

Ultra 2 is a high-performance desktop injection molding machine designed for makers, education, and low-volume production. It offers comprehensive upgrades in control, clamping, mold adaptability, temperature capability, and efficiency, delivering an industrial-grade experience. With 7-ton hydraulic clamping, 400°C molding temperature, four-stage heating, and an active ejection system, Ultra 2 easily handles complex molds and high-performance plastics, bridging the gap between design and small-scale production.

### 2. Feature

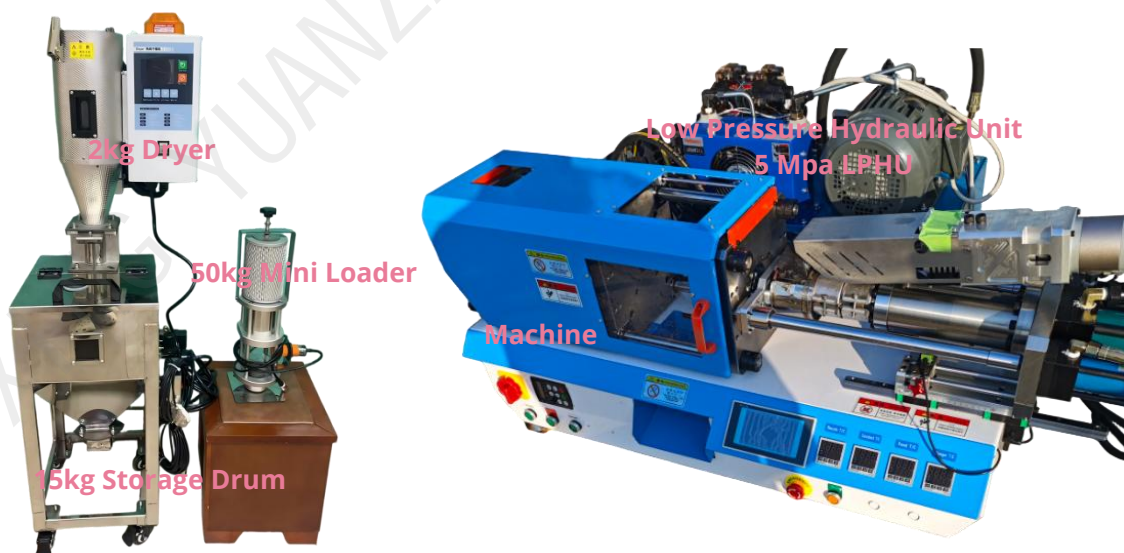
- 2.1. **Greater mold compatibility.** 150mm mold opening stroke and up to 300mm thickness support diverse applications.
- 2.2. **High-temperature molding capability.** Four-stage heating up to 400°C enables processing of engineering plastics.
- 2.3. **Intuitive intelligent operation.** Color touchscreen with multi-language UI makes learning and operation effortless.
- 2.4. **Efficient active ejection.** Products are automatically ejected after molding, reducing cycle time and boosting output.
- 2.5. **Compact industrial design.** Small footprint fits on any desktop, ideal for labs, education, and small-scale production.

### 3. Specs

Equip Dimensions	L178×W42×H76 cm	Total Power	3.5 kW
N.W	295 kg	G.W	370 kg
Packing Size	L220×W66×H90 cm	Clamping Force	7 Tons
LPSU	1.5 kW,5 MPa	Power Supply	220 V Single-phase Power
Plunger Diameter	Φ25 mm	Max. Shot Weight(PS)	35 g (PS)
Max. Mold Size	L184×W260 mm	Max. Mold Thickness	Default 266 mm,Optional 300 mm
Clamping Method	Hydraulic	Molding Method	Hydraulic Plunger Injection
Max. Injection Pressure	120 Mpa	Max. Shot Speed	120 mm <sup>2</sup> /s
Mold Opening Stroke	Default 100mm Optional 150 mm	Max. Heat Temp	Default 350±1°C Optional 400±1°C
Ejector Stroke	60 mm	Heating Stage	4
Lead time	Equip/Mold 25 days	Materials	PP PE POM PLA TPE PMMA etc

### 4. Optional

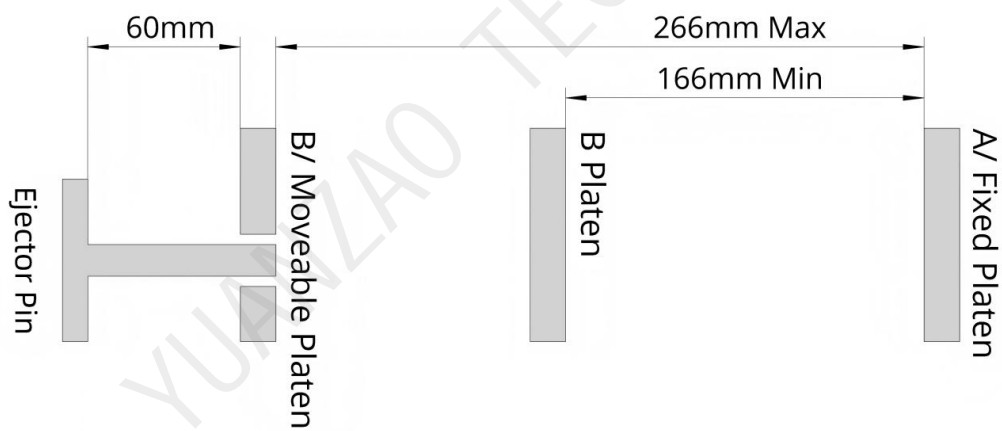
No.	Name	Description	Price
1	<b>6 kW Transformer</b>	AC 110 V to 220 V	\$179
2	<b>150 mm Mold Opening Stroke</b>	Customized 150 mm stroke hydraulic cylinder	\$29
3	<b>300 mm Mold thickness</b>	Customized 300 mm Mold thickness	\$29
4	<b>Insulation Cotton</b>	Temperature can reach 400 °C	\$29
5	<b>2 kg Dryer</b>	Capacity 2kg, N.W: 15 kg	\$699
6	<b>50 kg Loader</b>	Conveying capacity: 50 kg/hr N.W: 3 kg	\$299
7	<b>15 Kg Storage Drum</b>	Capacity 15 kg	\$169
8	<b>3-axis Injection Molding Robotic Arm</b>	Automatic picking and molding assistance	\$1249



5. Case



6. Platen Stroke



7. Warranty

7.1. Warranty is 12 months; within this period, free parts for non-human damage and remote replacement guidance are provided.

7.2. After warranty, parts are offered at cost or purchase channels will be provided.