



MaxPrint P5

Industrial-Grade 3D Printer



High Stability

Grade 00 marble base
Solid construction, excellent
vibration damping
Core components from
well-known industry brands



High Precision

Intelligent variable spot system,
high-speed scanning system
High-precision liquid level control
system
High-precision calibration system



User-Friendly

Self-developed control software, simple
operation
Modular machine design, easy maintenance
Automated model removal, automatic resin
replenishment, 7x24h automatic printing

MaxPrint P5 - Industrial-Grade 3D Printer



Equipment Parameters

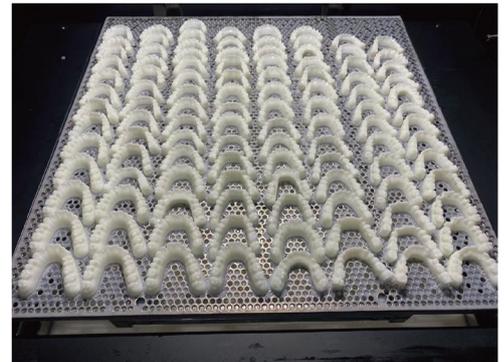
Maximum Build Volume:	600×600×100mm
Accuracy:	±0.1mm (L<100mm); ±0.1%×L (L≥100mm)
Layer Thickness:	50~200µm Optional
Spot Size:	0.08~0.8mm (Variable spot mode)
Format:	*.stl/*.slc/*.cli
Dimension:	1520x1320x1970mm(W×D×H)
Weight:	1000KG
Power:	200-240VAC.50/60Hz, Single phase 2.5kW

1 Efficiency

- Continuous 7x 24 hour production.
- High-speed printing: Printing a full panel of 100 dental molds takes only 2–3.5 hours.
- Print layer thickness: 50–200 µm, adjustable according to actual model requirements.
- High stability—no precision adjustment required for over six months after equipment setup.

2 Accuracy

- High accuracy, with printing precision reaching 100 µm.
- Within ±100 µm tolerance range, matching rate exceeds 90%.
- Printing yield rate remains above 99.7%.
- Model physical structure after pressing matches the pre-pressing data with over 90% consistency.



3 Cost

- Automated model removal system, reducing labor costs.
- Replaces traditional SLA printing methods, eliminating support structures and saving more than 20% in material consumption.



Corresponding Curing Machine Equipment Parameters

Voltage:	AC220V
Rated Power:	800W
Dimensions:	880x660x780mm
Lamp Tube Name:	LED Curing Lamp Tube
UV Wavelength:	365nm-405nm

Compatible with the MaxCure C5 curing box, specifically designed for industrial-grade 3D printers

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