

Princasso 600

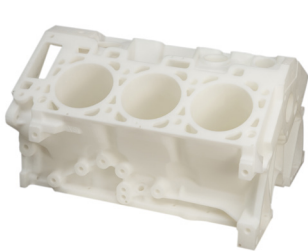
High Efficiency in Stereolithography 3D Printing



- High speed galvanometer scanning, high efficiency.
- Negative pressure adsorption scraper, uniform and reliable coating.
- Automatic scan path.
- Detachable table, easy to operate.
- Laser online measurement, technological parameter with full-automatic setting.
- Liquid level automatic control.
- PLC control electrical system, stable and reliable.
- LCD display.

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Technology Type	Stereolithography (SLA)	Network Type and Protocol	Ethernet, IEEE 802.3 using TCP/IP and NFS
Build Envelope Capacity	600 × 600 × 400 mm	Electrical Requirements	200-240 VAC, 50/60 Hz, Single phase
Accuracy	L < 100 mm: ±0.1 mm L ≥ 100 mm: ±0.1% × L	Rated Power	2.6 kVA
Layer Thickness	0.05 - 0.25 mm	Systems Control	Closed-loop
Recoater Frame	Granite	Temperature Range	72–79 °F (22–26 °C)
Laser	Solid-state frequency tripled Nd: YVO ₄	Maximum Change Rate	1 °C/hour
Beam Size	0.12 - 0.8 mm / 0.07-0.75 mm	Relative Humidity	< 40% non-condensing
Wavelength	355 nm	Machine Size (W x D x H)	2010 × 1564 × 2213 mm
Scanning Speed	8 ~ 15 m/s	Machine Weight	850 kg
Controlling Software	UnionTech™ RSCON	Initial Resin Weight	250 kg
Data Preparation Software	Polydevs	Resin Tank	Fixed
Operation System	Windows 10	Processing and Finishing	Post-Curing Unit (optional)
Input Data File Format	STL	Warranty	12 months



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