

STEREOLITHOGRAPHY 3D PRINTER SLA600B



PROTOFAB™
BEYOND DIMENSIONS

KING OF COST

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MILITARY QUALITY IMPORTANT COMPONENTS

The important components (laser controller, imported service system) are selected from well-known brands all over the world, effectively supporting and ensuring the high reliability for the overall operation of the equipment.

SUPER HIGH VALUE WITH COMPETITIVE PRICE

Independent design, R&D and mass production, greatly reducing costs, good equipment quality and performance, the real "king of cost".

HIGH SPEED, WELL PRECISION, GOOD QUALITY

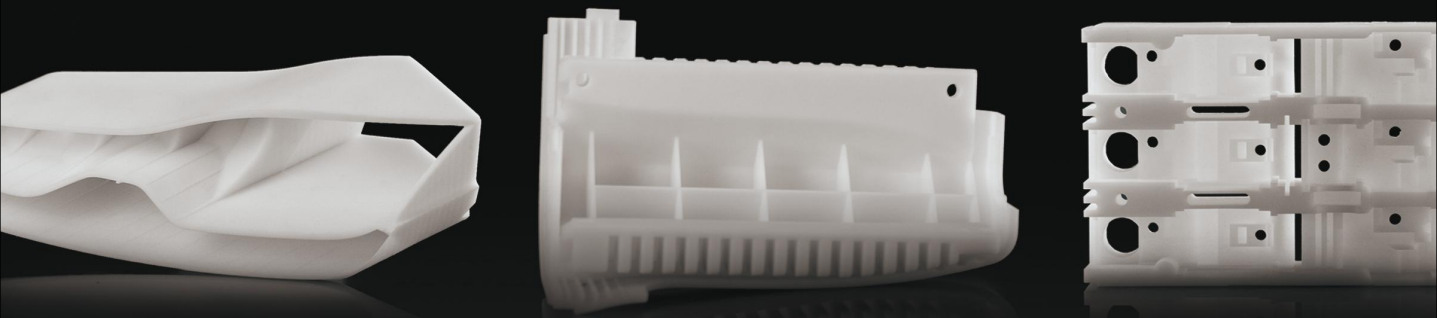
German original high-speed scanner, greatly increase production efficiency. the size up to 600mm x 600mm x 400mm, minimum layer thickness up to 0.05mm, surface roughness is only 0.05 μ m, well precision, smooth surface, easy to do all kinds of post-processing.

MULTIPLE RESINS

Offering a wide range of Resins, up to 20 different kinds of resins to meet the needs of different customers and industries requirement.

PERSONALIZED CUSTOMIZATION

DLC scanning system, automatic door, automatic feeding, automatic environmental sensing, remote control and other functions support customization to meet the needs of industrial 4.0 requirement.



SLA600B TECHNICAL DATA SHEET

Build Size (xyz) ¹	600 x 600 x 400 mm (23.62 x 23.62 x 15.75 in)	
Printing Speed	60-180 g/h	
Scanning Speed	6.0 m/s (Recommended) 10.0 m/s (Maximum)	
Accuracy	Part Size < 100 mm (3.9 in): ±0.1 mm (±0.004 in)	Part Size ≥ 100 mm(3.9 in): ±0.1% x L
Layer Thickness	0.1 mm (0.004 in)	
Laser Type	Diode-pumped solid-state laser Nd:YVO ₄	
Optical System	SCANLAB Galvanometer Scanner Beam Size: 0.15 – 0.18 mm	
Operating Software	Sirius Intelligent Printing Control Software Linux / Windows (Optional)	
CAD Interface	STL,CTL,OBJ,PLY,ZPR,ZBD,AMF,WRL,3DS, FBX,MJPDDD,3DPRINT,BFF,IGES,IGS,STEP and STP	
Machine Size W x D x H	1150 x 1370 x 1940 mm (45.28 x 53.94 x 76.38 in)	
Ambient Temperature	22 - 25°C (71.6 - 77°F)	
Relative Humidity	Less than 40%	
Power Requirements	200 - 240 VAC 50 / 60 Hz 10A (Available according to local voltage standard)	



Accuracy may vary depending on build parameters, part geometry and size, part orientation and post-processing methods.

By choosing a ProtoFab SLA machine, you also gain access to comprehensive training for 3D printing, post-processing and advanced industrial design assistance. We also provide you with free lifetime technical support to help your business optimize production and maximize profitability.



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