

STEREOLITHOGRAPHY 3D PRINTER

SLA2000-DLC



PROTOFAB™
BEYOND DIMENSIONS

CREATOR

www.3dprotofab.com

SUPERSIZE

2000 mm X 800 mm X 800 mm super large print format, auto parts once forming, save assembly time, meet the customization needs of large prototypes in the automotive, aerospace and other industries.

AMAZING PRINTING SPEED

Self-developed intelligent variable spot technology, free switching variable spot mode, three lasers, three scanlab work at the same time, high-speed scanning, printing efficiency increased by 100%, maximize the efficiency of new product development.

SUPERIOR STABILITY

Z axis, R axis and scraper module all use high-precision marble substrates, which further ensures the long-term stable operation of the equipment, improve the printing stability, make the material utilization rate higher, and significantly reduce the production cost of the model.

HIGH DEGREE OF AUTOMATION

The world's original Linux control software, automatic setting of process parameters, three intelligent printing mode selection, simple operation process, highly automated forming process, human-computer interaction experience and system security are greatly improved.

PERSONALIZED CUSTOMIZATION

We not only offer a variety of optional free customization, but also provide a number of modular upgrades, including automatic double door, automatic feeding, automatic environmental sensing, remote monitoring, etc., to meet the needs of industry 4.0 personalized customization.

SLA2000-DLC TECHNICAL DATA SHEET

Build Size (xyz) ¹	2000 x 800 x 800 mm (78.74 x 31.50 x 31.50 in) Optional	
Printing Speed	150 - 510g/h (Triple Scanners)	
Scanning Speed	6.0 m/s (Recommended) 10.0 m/s (Maximum)	
Accuracy	Part Size < 100 mm (3.9 in): ±0.1 mm (±0.0039 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: the diameter of fixed spot: 0.08mm-0.15m the diameter of variable spot: Small spot: 0.08mm-0.15m; Large spot: 0.45mm	
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	2900 x 1800 x 3620 mm (114.17 x 70.87 x 142.52 in)	
Ambient Temperature	22 - 25°C (71.6 - 77°F)	
Relative Humidity	Less than 40%	
Power Requirements	200 - 240 VAC 50 / 60 Hz 16A (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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Version 1.1 PN 36.19E.010

