

# STEREOLITHOGRAPHY 3D PRINTER

## SLA100 / 200-DLC



**ProtoFab™**  
BEYOND DIMENSIONS

### COMPACT MASTER

[www.3dprotofab.com](http://www.3dprotofab.com)

#### **| FINE WORKMANSHIP & TOP QUALITY COMPONENTS**

Made of high-quality welded square tubes and 304 stainless steel for optimal stability to ensure precision and durability.

#### **| COMPACT & ECONOMICAL**

Our most affordable SLA 3D printers with build sizes of 100 x 100 x 50 mm and 200 x 200 x 200 mm respectively. These compact sizes are ideal for printing prototypes in the medical, dental, toy, and jewelry industries, and for small-size models used by scientific research institutions.

#### **| BEST CHOICE FOR MATERIALS R & D**

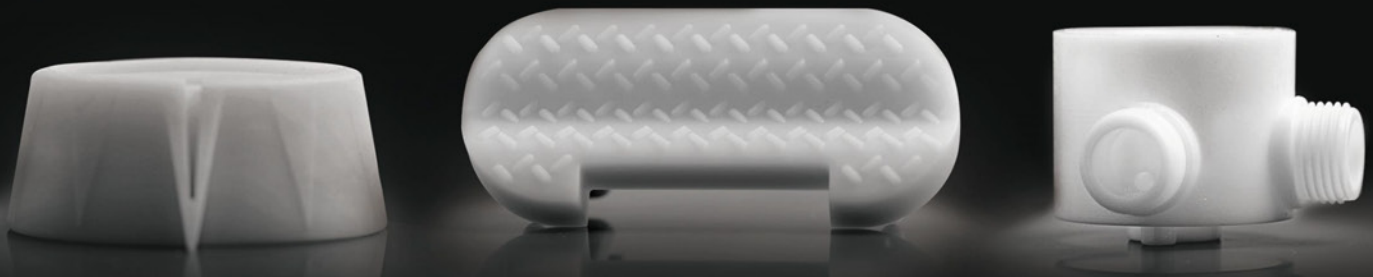
Ideal for resin material R & D and unprecedented space utilization for research facilities. The compact vat makes material refilling fast and convenient.

#### **| WIDE CHOICE OF MATERIALS**

A selection of over 10 different custom-designed printing materials with unique characteristics for functional prototypes and low-volume manufacturing.

#### **| MADE TO MEASURE CUSTOMIZATION**

We offer a considerable selection of customizations free of charge. Available upgrades include autofocus, automatic material refilling, environment sensors, as well as remote diagnostics and control, ensuring you are industry 4.0 ready.



# TECHNICAL DATA SHEET

Model	SLA100-DLC	SLA200-DLC
Build Size (xyz) <sup>1</sup>	100 x 100 x 50 mm (3.94 x 3.94x 1.97 in)	200 x 200 x 200 mm (7.87 x 7.87x 7.87 in)
Printing Speed	60-120 g/h (Single Scanner)	60-120 g/h (Single Scanner)
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 <sub>4</sub>	
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	850 x 1150 x 1800 mm (33.46 x 45.28 x 70.87 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.



899 Maqing Road, Haicang District, Xiamen, Fujian, China 361026 P : +86-592-3862946 F : +86-592-3862808 E : info@3dprotofab.com

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