

# 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

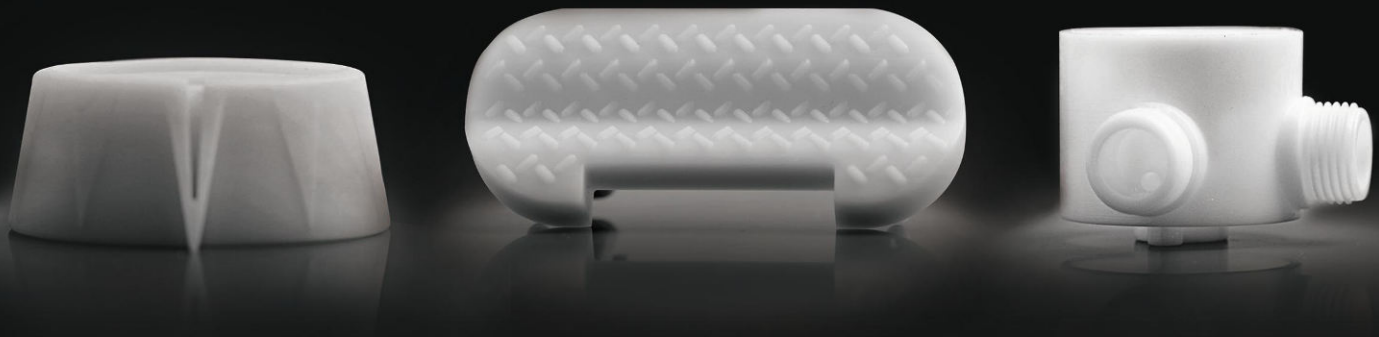
Ideal for resin material R & D and unprecedented space utilization for research facilities. The compact vat makes material refilling fast and convenient.

#### | 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 3.94 x 1.97 in)	200 x 200 x 200 mm (7.87 x 7.87 x 7.87 in)
Printing Speed	60-120 g/h	60-145 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 <sub>4</sub>	
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	850 x 1150 x 1800 mm (33.46 x 45.28 x 70.87 in)	
Ambient Temperature	20 - 26°C (68 - 78.8°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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