

STEREOLITHOGRAPHY 3D PRINTER

PF-M150A



PROTOFAB™
BEYOND DIMENSIONS

ALLROUNDER

www.3dprotofab.com

HIGH SPEED HIGH PRECISION HIGH QUALITY

Use high energy density, Fine spot diameter lase, it is possible to complete the construction of complex parts that take serval weeks or even months to complete by conventional methods in a very short period of time. Complete part not only has precise size, high strength, high density, but also has excellent mechanical properties and other aspects. This machine usually use in producing high precise and high quality samll metal part.

HIGH COST PERFORMANCE

This machine has smooth and simple lines, it looks modern. What' s more, it use international top brand parts and has $\Phi 150 \times 180$ mm model space. While ensuring high-quality printing, it will help 3D printing industrialization with competitive price.

MULTIPLE MATERIAL CHOICES

Wide range of materials, it can printing stainless steel, cobalt chromium alloy, titanium alloy etc material.



PF-M150A TECHNICAL DATA SHEET

Exterior Size(W*D*H)	935 x 1362 x 1910 mm (36.81 x 53.62 x 75.20 in)
Molding Cylinder Size(W*D*H)	Φ160 x 190 mm (Φ6.30 x 7.48 in)
Build Size(W*D*H)	Φ150 x 180 mm (Φ5.91 x 7.09 in)
Printing Method	Selective Laser Melting
Thick layer	20-40 μm
Galvanometer Scanning System	SCANLAB Galvanmeter System
Scan Speed	10 m/s
Laser	IPG Continuous Laser 200W
Laser Beam Diameter	0.1 mm
Power Requirement	200 - 240 VAC, 50 / 60 Hz, 3 KVA, Single Phase Three Line
Powder Feeding Method	Recoating Single Plating
Inert Gas Supply	Nitrogen, Argon
Safety Explosion	Execution standard GB/T 15605-2008 Dust Explosion-proof
Operation System	64-bit Windows7 and above
Control Software	PROTOFAB 2.0
Date Format	SLC
Printing Material	Stainless steel, Cobalt chromium alloy, Titanium alloy



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

By choosing a ProtoFab SLM 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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