



Vistar (Xiamen) Industries CO., Ltd.

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Stereolithography 3D Printer

SLA800



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SLA800 Technical Data Sheet

Model	SLA-800
Technology Type	Stereolithography
Material Type	Photopolymer resin
LASER SYSTEM	
Laser Type	3W Laser (Variable spot)
Wavelength	354.7nm
Power	≥3W
RECOATING SYSTEM	
Process	Intelligent reduced vacuum press recoater
Normal layer thickness	0.1mm
Rapid production layer thickness	0.125mm
Precision production layer thickness	0.075mm
Special production layer thickness	0.05mm~0.175mm Optional
OPTICAL & SCANNING	
Beam (Diameter@1/e ²)	0.15~0.20mm
Scanning Form	Germany Scanlab
Scanning Speed	Not less than 6.0m/s
Beam Jump Speed	Not less than 10.0m/s
Reference Production Weight	80-300g/h
ELEVATOR	
Vertical Resolution	0.0002mm
Position Repeatability	±0.01mm
RESIN VAT	
Volume	365kg
Max Part Volume	800mm(X)×600mm(Y)×400mm(Z)
Resin heating method	Contact heating
SOFTWARE	
Software	Sirius
Software Interface	SLC,STL File Format
OPERATING SYSTEM	
Operating Software	Linux Imde/Windows 7
Network type and protocol	Ethernet
INSTALLATION CONDITION	
Power Requirements	200~240V/AC , 50/60Hz , Single Phase , 10A
Ambient Temperature	20-26°C
Relative Humidity	Less than 40%
Machine Size	1.83m(W)×1.3m(D)×2.06m(H)
Machine Weight	About 1600kg
WARRANTY	
Laser	5000 hours or 12 months (whichever comes first)
Main Machine	1 year from installation

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