



Vistar (Xiamen) Industries CO., Ltd.

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## Stereolithography 3D Printer

# SLA300



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## SLA300 Technical Data Sheet

Model	SLA-300
Technology Type	Stereolithography
Material Type	Photopolymer resin
<b>LASER SYSTEM</b>	
Laser Type	3W Laser ( Variable spot )
Wavelength	354.7nm
Power	≥3W
<b>RECOATING SYSTEM</b>	
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
<b>OPTICAL &amp; SCANNING</b>	
Beam (Diameter@1/e <sup>2</sup> )	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
<b>ELEVATOR</b>	
Vertical Resolution	0.0002mm
Position Repeatability	±0.01mm
<b>RESIN VAT</b>	
Volume	68kg
Max Part Volume	300mm(X)×300mm(Y)×300mm(Z)
Resin heating method	Contact heating
<b>SOFTWARE</b>	
Software	Sirius
Software Interface	SLC,STL File Format
<b>OPERATING SYSTEM</b>	
Operating Software	Linux Imde/Windows 7
Network type and protocol	Ethernet
<b>INSTALLATION CONDITION</b>	
Power Requirements	200~240V/AC , 50/60Hz , Single Phase , 10A
Ambient Temperature	20-26°C
Relative Humidity	Less than 40%
Machine Size	0.85m(W)×1.15m(D)×1.80m(H)
Machine Weight	About 300kg
<b>WARRANTY</b>	
Laser	5000 hours or 12 months (whichever comes first)
Main Machine	1 year from installation

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