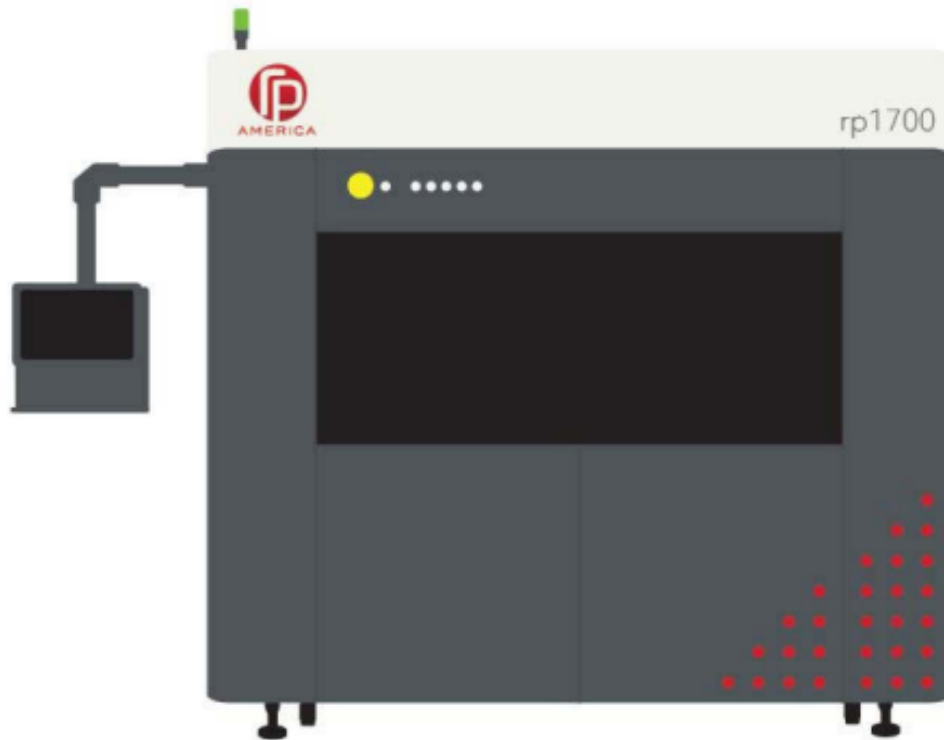




RP America: RP1700

High Speed, Accurate, Reliable SLA 3D Printing



As the most respected service-first provider in the additive manufacturing industry, the team at RP America is pleased to present the RP1700. With best in class accuracy, speed, and cost effectiveness the RP Series SLA machines will set the standard for large frame SLA printing.



RP1700 Technical Data

Print Volume	1700*800*650mm (66.9*31.5*25.6in)
Machine Dimensions	97.6*66.6*91.3in
Machine Weight	6129lbs
Beam Size	0.08-0.8mm (Variable Beam)
Max Scanning Speed	15.0 m/s
Layer Thickness	0.05mm~0.2mm
Accuracy	$\pm 0.15(L \leq 100\text{mm})$; $\pm 0.15\% * L(L > 100\text{mm})$
Laser Type	355nm Solid-state frequency tripled Nd: YV04
Power	3 or 5W
Variable Beam System	Galvo/Closed-loop
Rim and Mounting Plates	Marble
Vertical Resolution Ratio	0.0005mm
Repeat Positioning Accuracy	$\pm 0.01\text{mm}$
Motion Control System	Closed-loop
Machine Control Software	RP America Control Software
Input Data File Format	STL/SLC
Operating System	Windows 10
Electrical Requirement	200-240VAC 50/60Hz, single-phase,10A *RP America will provide UPS for 110V Operation and Power Conditioning*
Machine Warranty	12 Month Parts Warranty

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