

# KINGS 450PRO INDUSTRIAL SLA 3D PRINTER



## EFFICIENT SLA 3D PRINTING SOLUTIONS

### Enhanced Printing Efficiency. Long-term Printing Stability

High-Speed Operation: Scans at 15 m/s.

Adjustable Laser Spot Sizes: Customize for specific needs.

Customizable Power Settings: Optimize performance based on requirements.

Automatic Layer Detection: Detects top and bottom layers for accuracy.

Distinct Parameters for Layers: Unique settings for different thicknesses ensure precision.

Comprehensive Database: Contains parameters for various layer thicknesses to boost efficiency.

Quality Components: Designed for outstanding performance and reliability.

Full Marble Structure: Enhances stability during recoating and scanning.

Rigid Light Recoater: Ensures precise recoating for improved print quality.

## MATERIALS



Clear SLA Resin UV Resin KS168C



Rubber like UV Resin KS198S



ABS Like SLA Resin KS908C



Durable ABS Like Resin KS408A



High toughness ABS Like Resin KS608C



Clear UV Resin KS158T

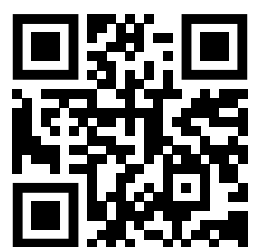
## KINGS 450PRO

Max Printing Size	17.7x17.7x13.7 in
Machine Size	37x40x80 in
Rated Power Consumption	1.2KVA
Machine Weight	1763 lbs
First Tank Resin	About 308 lbs
Max Scanning Speed	12.0m/s

Laser Type	Solid-state frequency tripled Nd: YV04
Wavelength	355nm
Power	Resin Surface Power $\geq$ 300 mW
Variable Beam System	Galvo/Closed-loop
Main Structure	Marble recoater frame, marble elevator holder and marble scanning system base
Coating Mode	Intelligent position vacuum recoating
Vertical Resolution Ratio	0.0005mm
Repeat Positioning Accuracy	$\pm$ 0.01mm
Layer Thickness	0.05mm~0.25mm
Accuracy	$L \leq 150$ mm, $\pm 0.1$ mm; $L > 150$ mm, $\pm 0.1\% * L$
Motion Control System	Closed-loop
Machine Control Software	KINGS 3D control software
Input Data File Format	STL/SLC
Operating System	Windows 7/10
Network Type and Protocol	Ethernet, TCP/IP
Electrical Requirement	200-240VAC 50/60Hz, single-phase, 10A
Ambient Temperature	20-26°C (72-79°F)
Relative Humidity	<40%, non-condensing

## INDUSTRIES

Prototype, Footwear, Automotive, Building Model, Sculpture, Medical, Dental, Animation, Home appliance



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