SLA SERIES · INDUSTRIAL 3D PRINTING

JP-SLA-350

Industrial-Grade SLA Stereolithography 3D Printer

355 nm Solid-State Laser · 350 × 350 × 320 mm Build Volume

Industrial output in a compact, 250 kg footprint. With a **350 × 350 × 320 mm** build volume, a **355 nm** solid-state third-harmonic laser and customized variable-spot filling scanning, SLA350 delivers up to **500 g/h**. Zoned scanning, a vacuum scraper and automatic resin refilling keep every layer consistent, while remote control and unattended operation keep the machine productive around the clock.

350 × 350 × 320	355 nm	6 – 12 m/s	0.1 – 0.6
Build Volume (mm)	Solid-state 3rd-harmonic	Scanning Speed	Spot Size (mm)



01 **350×350×320 Build Volume**
Compact Format

02 **Variable Spot Scanning**
High Efficiency

03 **Vacuum Scraper**
Uniform Coating

04 **Intelligent Zoned Scanning**
Surface Aware

05 **Auto Refill & Level Control**
Unattended

06 **250 kg Lightweight Body**
Easy Relocation

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Key Advantages CORE CAPABILITIES

01
Compact Footprint, Full Capability
A 350 × 350 × 320 mm build volume in a 250 kg body on lockable casters — easy to move between the lab and the workshop.

02
Variable Spot Scanning
A small spot of 0.1–0.12 mm refines contour detail, a large spot of 0.4–0.6 mm speeds up infill.

03
Intelligent Zoned Scanning
Surface and thin-wall zones are identified automatically and scanned with different strategies.

04
Vacuum Adsorption Scraper
An even recoat on every layer reduces inter-layer bubbles and thickness variation over long runs.

05
Automatic Refilling & Level Control
A laser level sensor monitors the resin in real time and refills automatically when it runs low.

06
Remote Control & Unattended Operation
Upload, start, pause and resume online. One-key start with anomaly alarms — ideal for night and weekend production.

Smart Connectivity · Unattended Production

Web Remote Control
UPLOAD, START, PAUSE AND RESUME ARE ALL COMPLETED ONLINE.

Built-in HD Camera
RECORDING STARTS AND SAVES AUTOMATICALLY; ANOMALIES TRIGGER AN ALARM.

Auto Resin Refilling
REAL-TIME LEVEL DETECTION WITH AUTOMATIC REFILLING.

Zoned Scanning
SURFACE AND THIN-WALL ZONES ARE SCANNED WITH DIFFERENT STRATEGIES.

File upload, start, pause, resume, progress monitoring and resin refilling are all completed online — the **only step that still needs hands is removing the part.**

Technical Specifications JP-SLA-350

Model	**JP-SLA-350**
Printing Technology	**Stereo Lithography Apparatus (SLA)**
Build Volume	**350 × 350 × 320 mm**
Overall Dimensions	**700 × 840 × 1700 mm (L×W×H)**
Laser	**Solid-state third-harmonic Nd:YVO_4 · 355 nm**
Galvanometer	**Industrial-grade high-precision digital**
Scanning Mode	**Galvanometer scanning**
Scanning Speed	**Typical 6000 mm/s, max. 12000 mm/s**
Spot Size	**Small 0.1–0.12 mm, large 0.4–0.6 mm**
Layer Thickness	**0.05 – 0.15 mm**
Scraper	**Vacuum adsorption scraper**
Liquid-Level Detection	**Laser sensor, auto resin refilling**
Intelligent Zoned Scanning	**Surface / thin-wall differentiated**

Build Speed	**Up to 500 g/h**
Accuracy	**Part size < 100 mm: ±0.1 mm**
	Part size ≥ 100 mm: ±0.1%×L
Remote Control	**Remote upload / start / pause / resume**
Built-in Camera	**HD recording, anomaly alarm**
Operating System	**Windows 7**
Network & Protocol	**Ethernet, TCP/IP**
Data Interface	**SLC**
Material	**Specific photosensitive resin**
Power Supply	**220 V, 50 Hz**
Rated Input Power	**500 W**
Machine Weight	**250 kg (excluding resin)**

Applications RECOMMENDED FIELDS


Figurines
Art & Collectibles


Architecture
Building Models


Medical
Anatomical Models


Toys
Figures & Models

Prototyping · Automotive · Cultural & Creative · Toys & Animation · Architectural Design · Electronics & Electrical · Auxiliary Medical · Other Industrial Fields

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