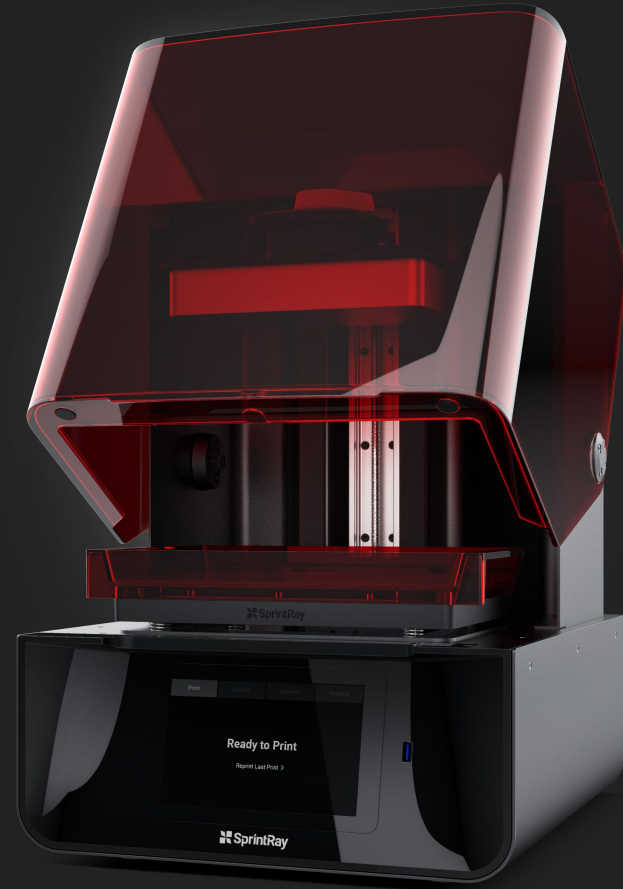**SprintRay**
Pro 3D Printer

SprintRay Pro 3D Printer

- 2x Platform Size

- Up to 3x Faster

- Up to 6x More Throughput

- 70% increase in Resin Capacity

- Broad applications (Aligners, Surgical Guides, Splints, Dentures, IBT)

- 3rd Party resin support

- Powerful 6-core on-board CPU

- 7" Touch Screen

- New CAD Software Features

Projector

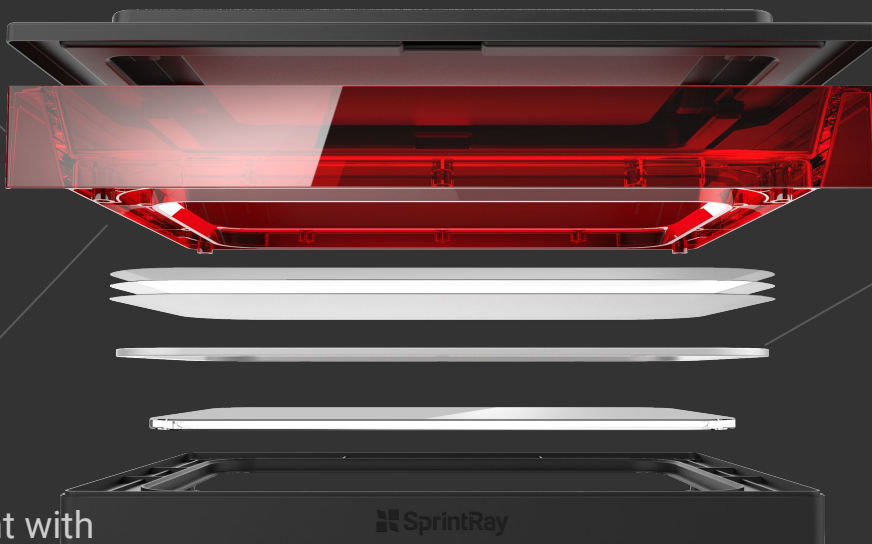2x intensity reduces exposure time for faster prints; print horizontal arches in under 30 minutes.

Pixel-level calibration across build surface ensures dimensional and light-intensity accuracy.

192 mm

108 mm

SprintRay Pro

MoonRay S

Resin Tank

Stackable cover for managing multiple resins
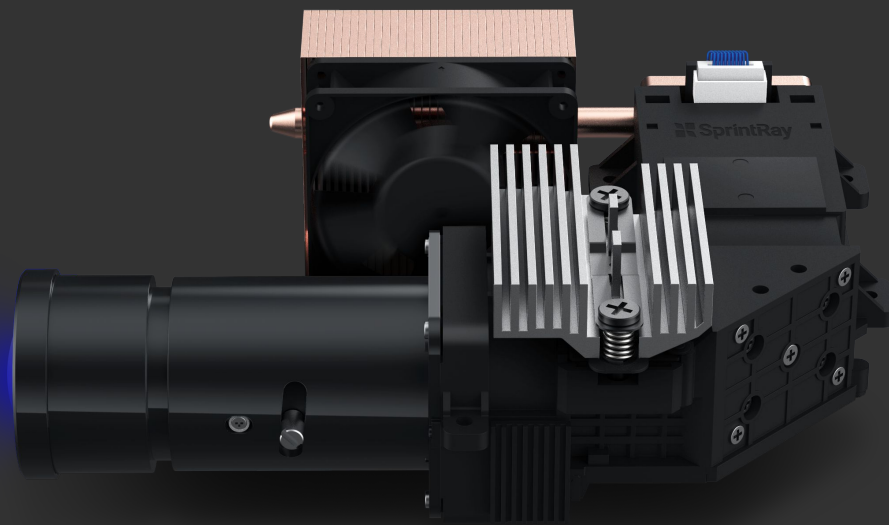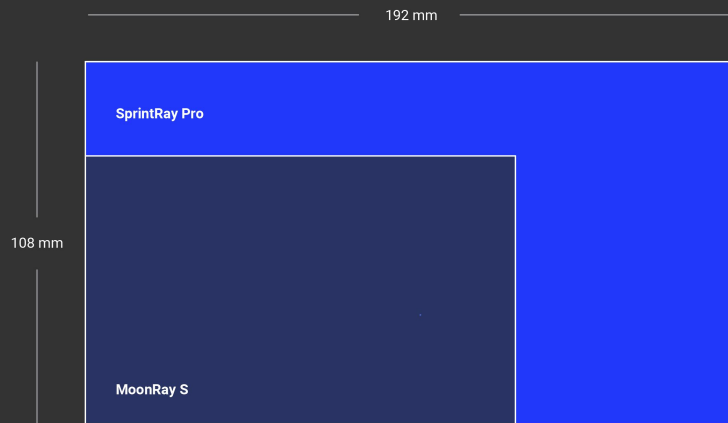
70% increase in tank volume; smart resin level indicators

STEM Tank™ Surface:

Selectively Textured Elastomeric Membrane

Textured and elastic surface prevents resin from sticking to tank floor

Heating element with thermal feedback ensures proper resin temperature

SprintRay

Build Platform

- 216 cm2 surface area

- Print 7 arches horizontal, 21 vertical

- Machined flat for even prints

- Textured surface for ideal print adhesion

- Easily position on flat surface to remove prints upon job completion

- Secure lock to z-axis
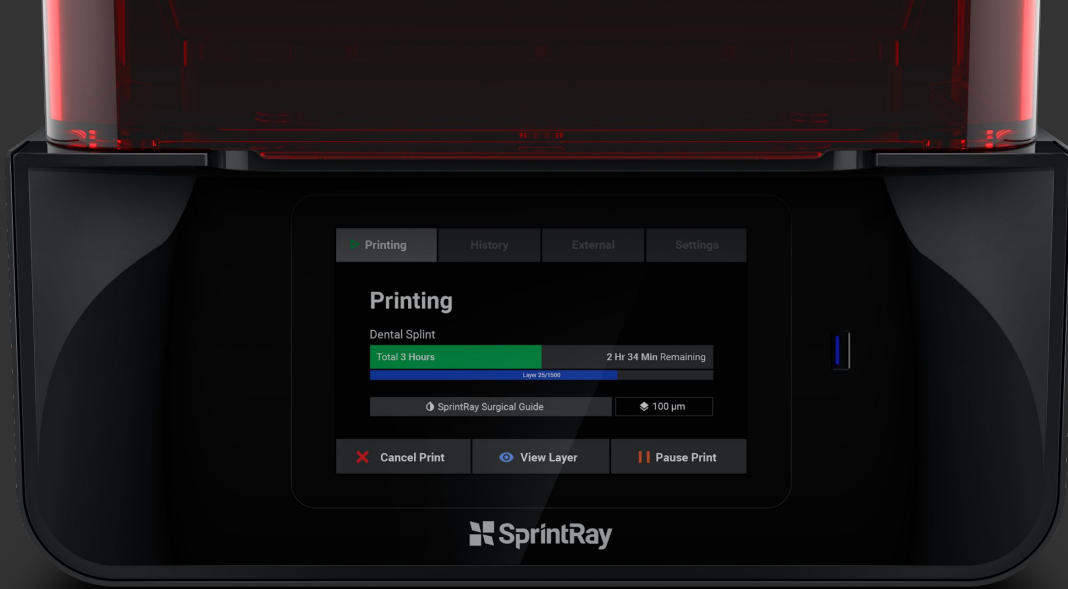
Touchscreen, CPU and USB

7" Gorilla Glass display is durable and easy to read; beautiful, intuitive user interface.

Easily select print parameters, monitor status and get on-board help; backed by 6-core CPU for print job processing and future profile upgrades.

Front panel USB port for loading print jobs.

Easy, Intuitive, Future-Proof Processor & Controls
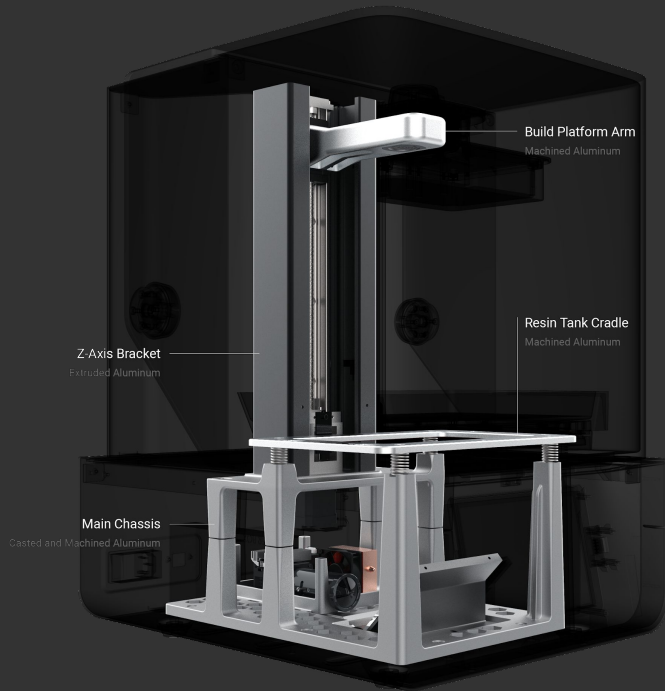
All New Software
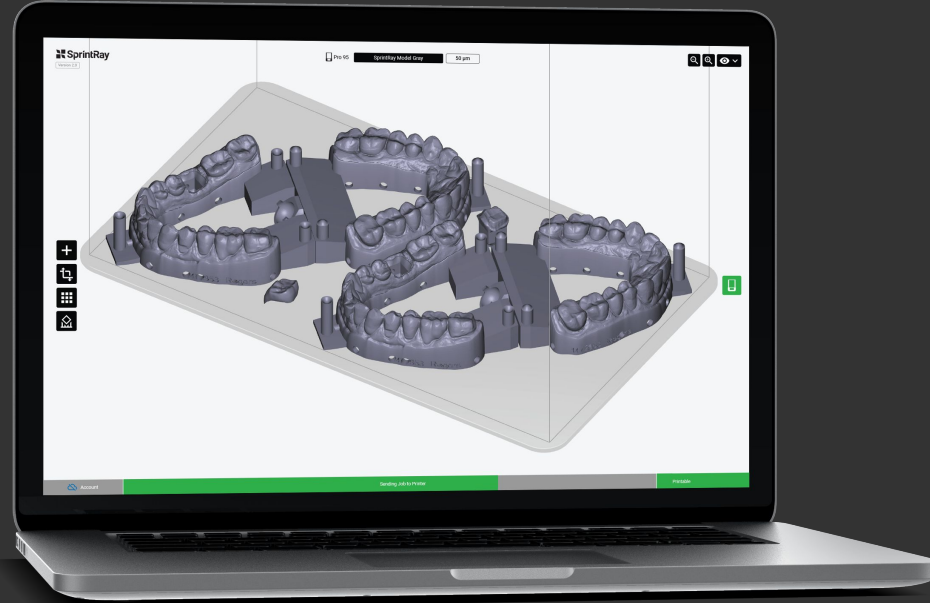
Model Basing | Scan Repair | Automatic Labeling

SprintRay Software automation solves tedious CAD tasks

Chassis, Panels, and Build Quality

Build Platform Arm
Machined Aluminum

Resin Tank Cradle
Machined Aluminum

Z-Axis Bracket
Extruded Aluminum

Main Chassis
Casted and Machined Aluminum

Precision magnetic lock ensures perfect alignment

UV Cover
Injection Molded PMMA

Torque Hinge
Stainless Steel

Exterior Shell
Anodized Aluminum
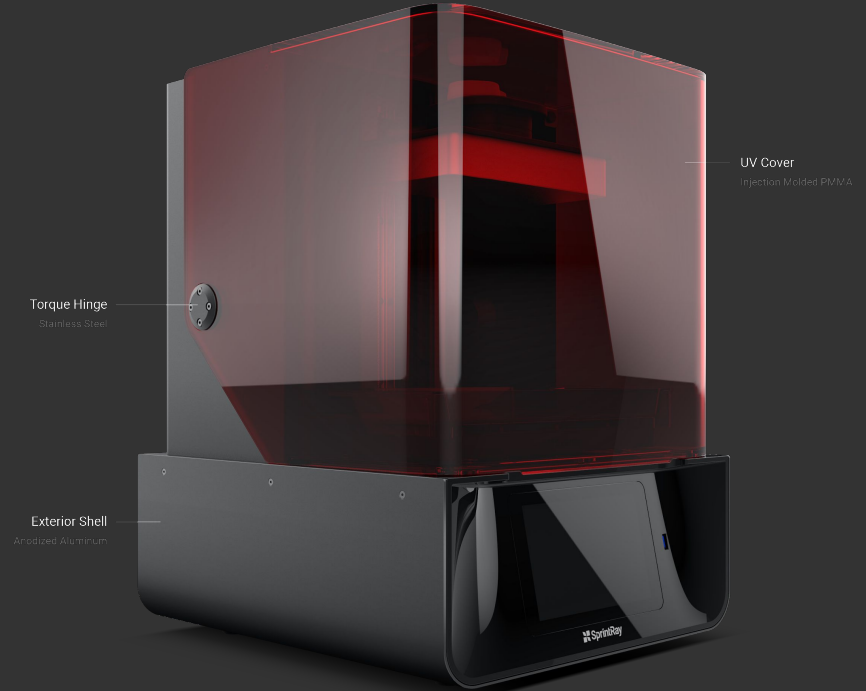
SprintRay

Magnetic switch confirms cover is closed during operation

SprintRay Resins

Dentures

Study Model / Aligner

Surgical Guide

Indirect Bonding Tray

Occlusal Guard

Removable Die

3rd Party Resin Support

Spec Comparison

|	SprintRay Pro 95	Formlabs Form 2	Carbon M2	EnvisionTec VIDA HD
	Desktop	Desktop	Industrial	Benchtop
Build Volume	18 x 12 x 20 cm 216 sq cm surface area	14 x 14 x 17 cm 196 sq cm surface area	18 x 12 x 32 cm 216 sq cm surface area	9 x 5 x 10 cm 45 sq cm surface area
Print Speed	Minimum of 5 cm per hour Up to 7cm per hour with variable speed	Variable - at best 0.5 cm per hour due to limitations of laser	Minimum of 7 cm per hour Maximum speed N/A	N/A
Resolution (lower is better)	95 Microns	140 Microns (laser spot)	75 Microns	50 Microns
User Interface	7" touch-screen with direct USB print	3" touch-screen	5" touch-screen	7" touch-screen
Printing Mechanism	Direct peel	Sliding peel	Direct peel	N/A
Curing System	SprintRay custom built UV DLP 1080 with dynamic intensity control	Laser	DLP	DLP
Built-in Computer	SprintRay custom built 6-core CPU with Mali GPU for on board processing	Microcontrolled	N/A	PC
Footprint	35 x 40 x 50 cm	35 × 33 × 52 cm	60 x 60 x 200 cm	40 x 35 x 79 cm
Online Dashboard	Free and Paid Cloud Services	Free Dashboard	Dashboard	None

SprintRay Software
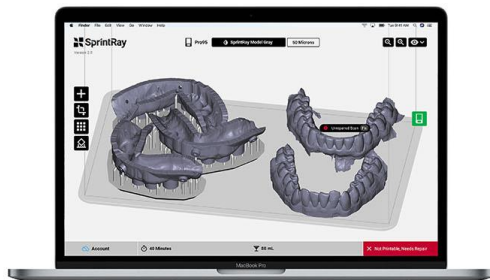
	SprintRay Software Mac/Windows	Formlabs Preform Mac/Windows	Carbon Software Web Based	EnvisionTec Windows Only
Scan Repair	Automatic	No	No	No
Mesh Repair	Yes	Yes	No	No
Real-time Printability Check	Yes	Yes	No	No
Cloud Connected	Yes	Yes	No	No
Editable Supports	Yes	Yes	Yes	Yes
Real-time Supports Analysis	Yes	Yes	No	No
Text for Patient Management	Yes	Yes	N/A	N/A
User Friendliness	Optimized for all	Optimized for all	Requires a technician to operate	Requires a technician to operate

Resin Agnostic

Choose the materials that are best for your applications. SprintRay Pro offers a wide variety of tested, verified resins from 3rd party vendors and we're always adding new options.

Ortho Models

Surgical Guides

Dentures

Impression Trays
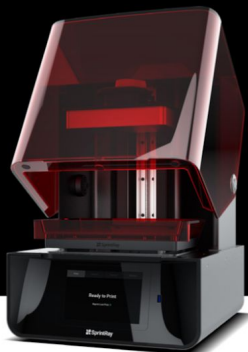

Splints and Night Guards

Removable Dies

Indirect Bonding Trays

SprintRay

Pro 3D Printer

Ready for today, built for tomorrow

SprintRay Software

Automatically convert intraoral scans to full models, ready for printing. Add labels to model supports. SprintRay Software automates the frustrations away from dental 3D printing.

Pro Cure

Pro Cure uses powerful LED arrays and convection heating to make post-processing a snap. Pre-programmed with settings for most popular resins.

SprintRay

Capable
A breakthrough projector and resin tank, combined with a larger build platform, enable unprecedented throughput.

Easy
Easily close intraoral scans without the need for third-party software. Auto-detect issues before you print.

Advanced
Remote printing, over-the-air updates, and an advanced touchscreen computer that can print directly from a USB drive.

SprintRay Pro
The New Industry Standard

3D printing in dentistry is much more than just a new technology: it has the potential to control costs, improve flexibility, and expand the scope of patient care. To deliver on this potential, we made SprintRay Pro the most user-friendly, powerful and, reliable desktop printer in dentistry. Because the technology in your office needs to solve problems, not create headaches.

Industrial Volume
Enough throughput to handle the largest jobs. SprintRay Pro features a larger build platform (18cm x 12 cm surface area) than its competitors while maintaining its desktop form factor.

Up to 21 Arches

Unprecedented Speed
With industry-first advances in resin tank and projector technology, SprintRay Pro is up to three times faster than its predecessor while offering improved accuracy.

Up to 3x Faster

Intensity, meet accuracy
The custom projector in SprintRay Pro delivers high-intensity light evenly across the build surface for perfect, accurate prints every time.

405nm UV LED

Breakthrough tech, breakneck speed
Cutting-edge advancements in tank materials unlock huge gains in speed and reliability. SprintRay Pro's resin tank design is an industry first.
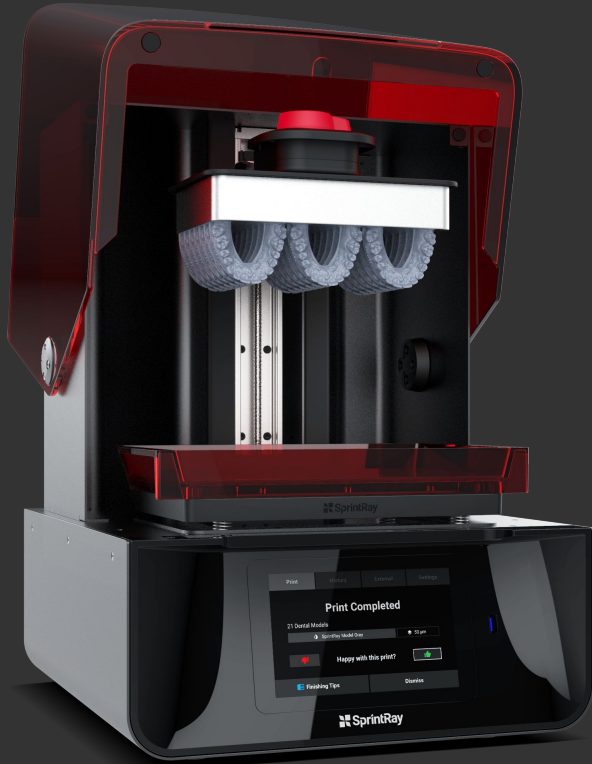
Up to 50 Liters Lifetime

Brains behind the brawn
Intuitive touchscreen controls and contextual instructions managed by a 6-core CPU make learning curves a thing of the past. Start print jobs directly from front panel USB port.
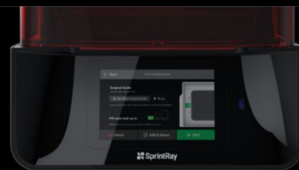
Onboard Assistant

Pricing

$6,750 Retail