

High Resolution Desktop 3D Printer

# MoonRAY



The Ultimate 3D Printing Solution for Digital Dentistry



**IDT**  
Inside Dental Technology  
Readers' Choice Awards



# An All-in-One System for Digital Dentistry

Choose between two high-performance options to meet your needs. MoonRay D75 is the preferred solution for producing highly detailed crowns, copings, bridges and RPDs. MoonRay S100 allows you to quickly print multiple precise dental models, surgical guides, all types of splints and retainers, provisional denture base, custom impression trays and more. Both MoonRay models work with our easy-to-use software, and are compatible with a wide range of dental materials, including NextDent resins.

MoonRay's hardware, software, and materials work together to deliver optimal accuracy, efficiency, and ease of use for the dental industry.



## High-Resolution, Fast, and Accurate

MoonRay makes it simple to print precise dental models from intraoral or other 3D scans. MoonRay's resolution is two times better than laser SLA 3D printers, ensuring accurate and intricate details on your printed dental models. Its core technology also makes it up to ten times faster than other 3D printers, so you can go from 3D scan to printed model in two hours.

Z Resolution

**20 Microns**

Minimum Layer Thickness

Consistent Print Speed

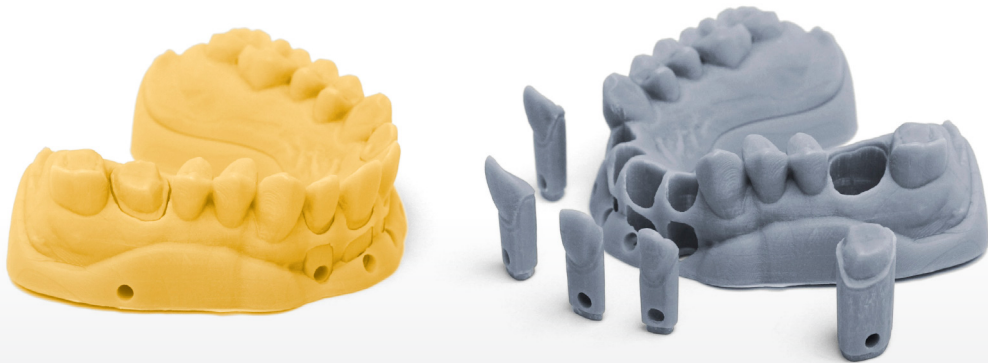
**Up to 10x Faster**

When Compared to Laser SLA

XY Resolution

**75-100 Microns**

Minimum Feature Size



## Streamline Your Work Process

Maximize MoonRay's potential by printing multiple models at once, making your workflow faster and more economical. We broke down the cost and production time of the most common types of dental parts you can print with MoonRay:



### Precise Dental Models

3-5 Models / 1.5 Hours

\$0.5-\$2 / Model



### Crowns, Copings, and Bridges

30-40 Models / 2 Hours

\$0.4 / Model



### Night Guards

3-5 Models / 1.5 Hours

\$0.5-\$2 / Model



### Surgical Drill Guides

3-5 Models / 2 Hours

\$0.40-\$2 / Model



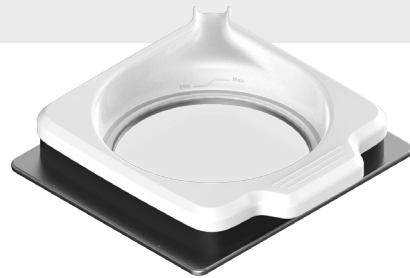
## Custom-Built Projector for 3D Printing



Custom-built UV Projector  
405nm  
Blue-violet Light Engine

RayOne LED DLP projector hits the correct light wavelength consistently across the build platform for improved resin-curing control and dimensional stability, meaning all of your printed parts will be accurate. It's also amazingly fast, printing at speeds of up to one vertical inch per hour.

RayOne is manufactured with high-quality components and has an estimated lifespan of 50,000 hours.



MoonRay Resin Tank

## Up to 50 Liters

Extended Lifetime

## Durable, Cost-Effective Resin Tank

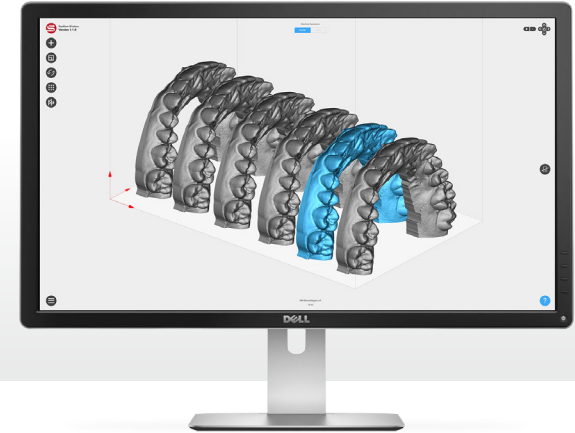
MoonRay's unique resin tank was built to last. We've put an end to costly resin tank maintenance - you no longer need to replace your resin tank regularly or change the PDMS layer.

Our unique resin tank design lasts up to 25 times longer than the resin tanks of similar 3D printers.

Compatible with

## Mac / Windows

Fully Supported and Optimized



## Powerful, Easy-to-Use Software

MoonRay strikes the right balance between wireless and connected. Within RayWare, you can check for a detailed print status update, including time remaining, and quickly see which machines are ready to begin a new print.

RayWare software is compatible with common 3D file types from intraoral and 3D scanners, and allows you to start printing in just a few clicks. It will guide you through the printing process, generate necessary supports, and provide recommended settings for each material to ensure your parts print properly every time.

## What's in the Package:

- MoonRay 3D Printer
- RayWare Software Access
- Resin Tank
- Spare Resin Drum
- Build Platform
- 1 Liter of Gray Resin
- Finishing Kit
- Power Supply
- Ethernet Cable



## Request a Free Sample

For more information or to request a sample, contact [sales@sprinray.us](mailto:sales@sprinray.us)



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