



DENTAL 3D PRINTING
DESIGNED FOR YOU



Say Hello to Dental 3D Printing

3D printers are revolutionizing dentistry by increasing the flexibility of care while reducing costs and wait times for patients and clinics. Explore what makes the SprintRay ecosystem the market leader in dental 3D printing.



SCANNER*

CLOUD DESIGN

APPLICATION RESINS

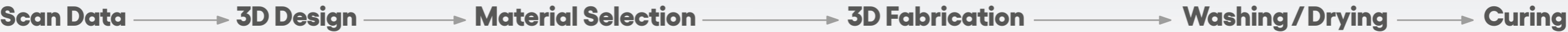
PRO 2 PRINTER

MIDAS DIGITAL
RESTORATION PRESS

PROWASH S

PROCURE 2

NANOCURE



*3rd party scanner not available from SprintRay

The Power of SprintRay is the Complete Ecosystem

Printing and post-processing come together for a frictionless workflow.












Pro 2



Next-Gen Dental 3D Printer

Pro 2 achieves incredible accuracy and precision with a 35µm resolution and Optical Panel technology. Add Arch Kit for maximized speed.

Ideal for fabrication of:

-  Models
-  Models for Clear Aligners
-  Occlusal Guards
-  Hybrid Dentures
-  Surgical Guides
-  Conventional Dentures
-  Try-in Dentures
-  Crown & Bridge
-  Veneers
-  Inlays
-  Onlays

ProWash S



Efficient Clean and Dry

ProWash S simplifies clinical 3D printing workflows by automatically passing print job information, such as resin wash profiles, between devices. The onboard computer’s 5-inch screen features contextual, step-by-step instructions for everything from daily tasks to scheduled maintenance.

ProWash S provides 3D printed parts that are thoroughly clean, bone dry, and ready to cure.

For a seamless workflow, ProWash S is interconnected with your printer and curing system, guiding you step-by-step through the process with easy job hand-off.

ProCure 2 / NanoCure



Powerful Curing

ProCure 2 and NanoCure are perfect for maximizing mechanical properties and throughput.

NanoCure powers the next generation of dental chemistry with a compact form factor and curing speeds up to 60% faster.

ProCure 2 is the perfect device for batch processing, making it an ideal companion for a dental lab or orthodontic office.

Experience optimized workflows in under one hour from scan to delivery. Your curing sytem is interconnected with your printer and washing system for seamless integration.





Midas



Digital Restoration Press

Midas revolutionizes chairside restoration manufacturing with Digital Press Stereolithography, printing restorations in less than 10 minutes.

Ideal for fabrication of:

-  Crowns
-  Veneers
-  Inlays
-  Onlays

Resins



SprintRay materials are renowned for their exceptional properties, aesthetics, and durability. No matter the indication, you willfind the perfect material for every treatment. Faster and better patient care starts here.

Midas capsules



The patented capsule system eliminates the need for direct resin handling in 3D printing. Simply place the capsules on the Midas Press and produce crowns, inlays, onlays, and veneers with ease. In just 10 minutes, your restoration is ready to be removed—just as effortlessly as using a coffee machine.

Arch Kit



Streamline Workflow Efficiency

Arch Kit is designed to optimize your SprintRay printer with print speeds up to 2x faster than the standard kit. Print up to 2 dental models in as little as 13 minutes.

Crown Kit für Pro S



Chairside Restorations in Minutes

Crown Kit for Pro S uses a very small build platform to maximize print speed and resin efficiency for printing restorations. Print up to 6 crowns in as little as 10 minutes.

INTRODUCING

Pro 2 3D Printer

THROUGHPUT MEETS PRECISION



The Precision Revolution

SprintRay Pro 2 is built to be the most accurate 3D printer in dentistry. From refactored resin profiles to the patent-pending Optical Panel, every detail is designed to improve your outcomes across 15+ dental indications.

4x Throughput

Print up to 6 dental arches in a single job or use Arch Kit for 2x print speed

35µm Precision

Patent-pending Optical Panel technology gives Pro 2 35µm resolution

15+ Workflows

Print night guards, crowns, models, implant dentures, and more



Powered by UV-A 385 nm light engine, and more

Workflow optimized

With Pro 2, nothing has been left to chance. Deliver more indications in less time.

Dental models

6 models in 22 minutes



Surgical guide

6 guides in 33 minutes



Nightguards

6 nightguards in 48 minutes



Conventional dentures

6 denture bases in 109 minutes



Hybrid dentures

6 hybrids in 27 minutes



Workflow Control Center

A 12" touchscreen computer helps run your workflow with easy-to-use UI and a built-in barcode scanner for medical device tracking.

Arch Kit

2x faster prints, optimized for speed. It features a smaller anodized aluminum build platform that resists corrosion and a smaller resin tank to preserve material.



Cemented restorations

15 minutes with the Arch Kit

ProWash S

AUTOMATED CLEAN AND DRY SOLUTION



Clean

Patented mechanical jetting for max cleaning

Smart

Cloud-connected for automatic job handoff

Efficient

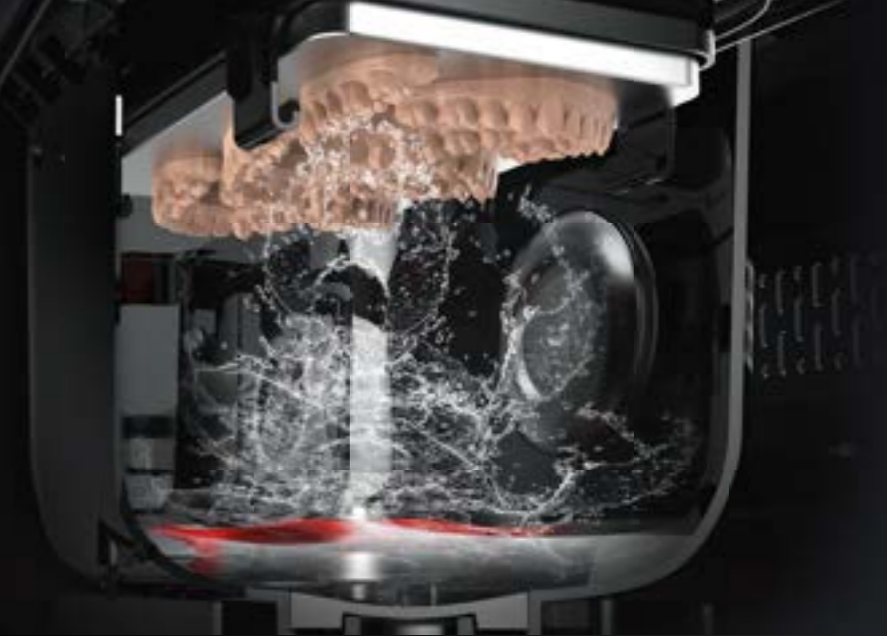
Dedicated drying hardware and simple maintenance

Auto Handoff

ProWash S connects with SprintRay printers and curing devices for maximum workflow integration.



Job handoff from Printer > Wash > Cure



Cleaner, Faster

Optimized mechanical jetting for outstanding wash efficiency.



3x Drying Performance

Dedicated drying fan and air channel for fully dried parts.



Solvent, Managed

Guided maintenance helps maximize and recycle IPA.



Big Screen, Big Power

A 5" touchscreen helps streamline your everyday workflow.



Wash Your Way

Create custom cleaning cycles for maximum workflow control.



Automatic Updates

Receive software and wash profile updates automatically.



INTERNATIONAL
DESIGN
EXCELLENCE
AWARD
2021

The Award Winner, Reimagined

Designed to be fast, reliable, and connected, ProWash S cleans and dries 3D printed dental models in just 9 minutes.



CHAIRSIDE RESTORATIONS

Midas 3D Printer

Digital Press Stereolithography (DPS)

Midas is an all-new solution for chairside restorations. Digital Press Stereolithography combines the tank, resin, and platform into a single capsule, allowing it to print with materials up to 10x more viscous than conventional 3D printers.

Print a range of restorations in 10 minutes



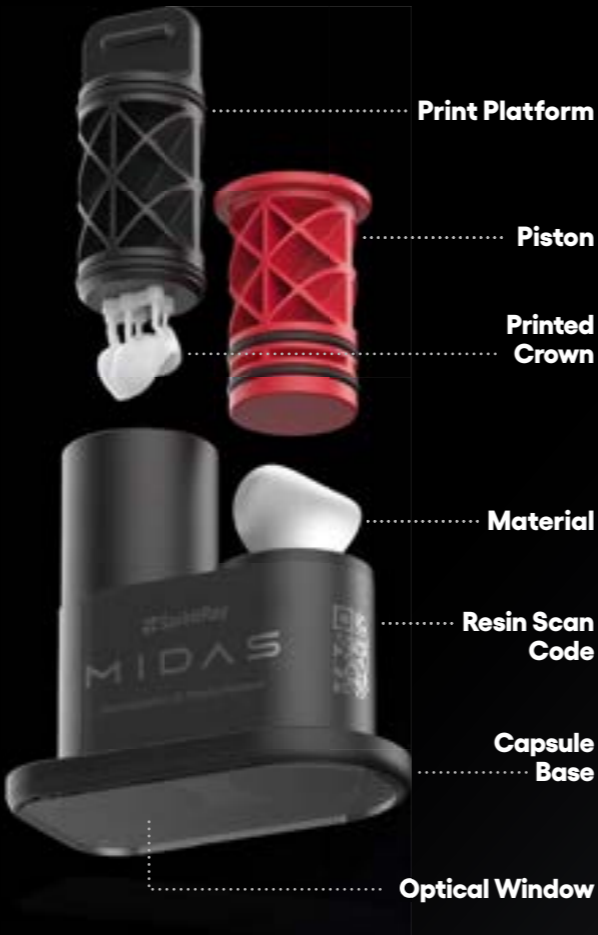
Up to 3 Crowns OR Up to 6 Inlays/Onlays OR Up to 9 Veneers

Combination of applications across all 3 capsules



Midas Restoration Printer

Midas Capsule
Midas accomodates up to three capsules at once



Fast
Print restorations using highly viscous resins with inorganic fillers in minutes with DPS technology

Effortless
Scan a capsule, place it, then retrieve your restoration in less than 10 minutes

Radically Different
Patent-pending printing method unlocks future biomaterial innovation

One Capsule, Infinite Possibilities

The Midas Capsule contains everything you need to print. Highly viscous resins are no problem – including ceramic and other highly viscous resins with inorganic fillers.

Capsules are available with Ceramic Crown and OnX Tough 2.



Step 1
Scan
Scan the capsule using the barcode scanner.



Step 2
Place
Place the capsule where the computer instructs.



Step 3
Press
Midas will press up to 3 capsules in 10 minutes.



Step 4
Remove
Remove the build platform – your restoration is ready.

ProCure 2

BIG SPEED. BIG CAPACITY.

Leading by Design

Engineered to meet the requirements of large batch production, ProCure 2 delivers 360 degrees of UVA light for super fast cure times. The unique chamber-scanning light engine allows ProCure 2 to fully cure 3D printed parts for biocompatible prints, every time.

ProCure 2

ProCure 2 is fast enough to enable true chairside workflows and large enough for high throughput. It's the ultimate cure machine for orthodontic practices and labs.

Fast

Cure dental models in just 2 minutes

Powerful

Industry leading light power intensity

Simple

User-friendly, ergonomic design



NanoCure

POWERING NEXT-GEN
BIOMATERIAL INNOVATION



ProCure 2 is perfect for maximum batch production, like models for clear aligners.



NanoCure is designed to cure small numbers of parts at max speed, up to 60% faster.



Workflow Supercharger

NanoCure fits the fastest curing technology into a tiny form factor, making it easy to finish 3D printed parts in just a few minutes. Expand your speed to care without losing counter space.

Speed

Post cure in minutes with no nitrogen required.

Power

365+385 nm LEDs and smart thermal management ensures volume and surface curing for optimal biocompatibility.

Future-proof

Unlock a whole new generation of material chemistry.

60% Faster Cure Times



Dentures

Hi Impact Base/Teeth: 7 mins*



Occlusal Guards

NightGuard Flex: 4 mins*



Dental Models

Die and Model 2: 2 mins*



Surgical Guides

Surgical Guide 3: 3 mins*



Crown

Ceramic Crown: 3 mins*



Veneers

Ceramic Crown: 3 mins*



IDB Trays

IDB 2: 2 mins*



Hybrid Dentures

OnX Tough 2: 5 mins*

*Times may change based on print parameter updates.

SprintRay Resins

Our large selection of dental 3D printing materials are designed to get the most out of your SprintRay System. Developed and tested for market-leading performance in digital dentistry, SprintRay resins are built to achieve superior results. With SprintRay’s biocompatible materials, you always make the right choice for your patients.

Definitive Restaurations

A breakthrough ceramic dominant resin comprised of over 50% ceramic for restorations in under one hour.

3D-printed crowns, inlays, onlays and veneers have never been so aesthetic before. The ceramic-dominant resin is easy to finish and radiopaque.

FLEXURAL STRENGTH 150 MPa ± 25

FLEXURAL MODULUS 7.5

Available in:

- Bleach
- A1
- A2
- A3
- B1
- B2
- C2
- D2

14 < MINUTE
PRINT TIME**

70 CROWNS PER
250g BOTTLE

3 MINUTES
CURING TIME

**with Pro S Crown Kit or Pro 2 Arch Kit

Hybrid Dentures

Class IIa 3D printing resin cleared for fixed hybrid dentures

The material is formulated for optical performance and shade stability for natural aesthetics.

FLEXURAL STRENGTH 126 MPa
Higher flexural strength ensures that the restoration does not break during normal use.

FLEXURAL MODULUS 4281 MPa
Higher flexural modules prevents disortion, which can impact accuracy.

WORK OF FRACTURE 1033 J/m²
Measures the adhesion of dental adhesives to a restoration.

24 MINUTE
PRINT TIME*

30 UNITS PER
500g BOTTLE

5 MINUTES
CURING TIME

*with Pro S Crown Kit or Pro 2 Arch Kit

Achieve best
OnX Tough 2
prints with Pro 2



Dental Models
Available in the colors Tan and Gray for highly accurate models, or in White for patient communication.



2 MINUTES CURING TIME
56 models/1kg
22 min print time

Gingiva Mask
A flexible yet firm material to mimic the look and feel of natural gum tissue.



2 MINUTES CURING TIME
350 masks/1kg
25 min print time

High Impact Denture Base
Print precision-fit denture bases. Available in Orange Pink, Light Pink and Deep Pink.



15 MINUTES CURING TIME
55 bases/1kg
109 min print time

FLEXURAL MODULUS 2000 MPa
FLEXURAL STRENGTH 65 MPa

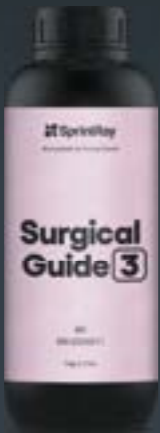
Temporary Crown & Teeth
Biocompatible material for temporary crowns, bridges and use in the anterior region as well as denture teeth. Available in the colors A1, A2, A3, A3.5, B1, B2, and Bleach.



15 MINUTES CURING TIME
85 arches/1kg
23 min print time

ELASTICITY 2000 MPa
FLEXURAL STRENGTH 100 MPa

Surgical Guides
Place implants confidently with clear surgical guides and high flexural strength and modulus.



3 MINUTES CURING TIME
56 guides/1kg
33 min print time

Indirect Bonding Trays
Excellent tear resistance and translucence for rapid bracket placement.



2 MINUTES CURING TIME
160 trays/1kg
17 min print time

Night guards
Featuring high impact strength and flexure at body temperature, your patients will love the comfort and longevity.



4 MINUTES CURING TIME
100 guards/1kg
20 min print time

SportGuard
Superior shock absorption and flexibility. Absorbs up to 90% of impacts, comparable to EVA materials.



5 MINUTES CURING TIME
25 guards/500g
50 min print time

*All indications of print time and material use are based on average use and can vary on an individual basis. Times may change based on print parameter updates.

SprintRay Cloud Design Services

The best design software is one you don't have to learn how to use. Sign in to SprintRay Cloud, upload patient data, and send final designs directly to your printer. SprintRay Cloud Design allows you choose between AI designs and a wide range of treatments handled.



We'll help you get started!

After you have printed your first 25 designs, you will receive a reward of 9 free designs:

- 3x Night Guard
- 3x AI Crown
- 3x Dental Model

What about Design?



Signature Design



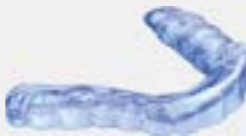
Dental Model
from
€15 Per Model

Turnaround time: 24 hours



Surgical Guide + Implant Planning
from
€130 Per Arch

Turnaround time: 2 days



Night Guard
from
€29 Per Guard

Turnaround time: 24 hours
NEW! Rush Design
30 minutes from 49 €



Bracket Removal
€20 Per Case

Turnaround time: 24 hours



Surgical Guide + Restoration
from
€120 + €10 Per Restoration

Turnaround time: 3 days



Cemented Restorations
€11 Per Unit

Turnaround time: 24 hours
NEW! Rush Design
30 minutes 15 €



Smile Design
€25 Per Tooth

Turnaround time: 2 days



Bleaching Trays

€40 Per Arch

Turnaround time: 2 days



Implant Restorations
€19 Per Unit

Turnaround time: 24 hours
NEW! Rush Design
30 minutes 23 € per tooth



Aligner Treatment
€200 Per Case

Turnaround time: 3 days



Smile Correct

€150 Up to 7 trays

Turnaround time: 2 days



Hybrid Dentures
€350 Per Arch

Turnaround: 2 Days pre-OP scans, 45 minutes post-OP with appointment



Veneers
€20 Per Unit

Turnaround time: 2 days



Removable Dentures
from
€50 Per Arch

Turnaround time: 3 days



AI Design



Powered by
3shape
Automate

AI Crown

€4.99

Turnaround time:
5 minutes

Order at:
[sprintray.com/
dashboard](https://sprintray.com/dashboard)

Always on the safe side

SprintRay University & ProTection Plan



SprintRay University offers individual trainings to get you on the next level of your dental 3D printing journey.

- Virtual live sessions with our trainers
- Trainings in the SprintRay University in Germany for interactive and hands-on sessions.
- Live training in your practice or lab: SprintRay University is where you are! Get your whole team on board with dental 3D Printing.



Get more information or request a training today.

ProTection for 2 years worry-free dental 3D Printing.

Protect your single units or the complete systems against incidents outside of warranty.



Yearly Remote Maintenance:

Our service technicians will conduct annual comprehensive tests and checks.



Discounted Repair Forgiveness:

Your first incident is on us, the second and third incident will be discounted.



First time Hot swap:

If something like a resin spill happens, we immediately swap out your device - no questions asked.



90 minutes with a SprintRay expert:

Get the full onboarding experience with a remote training session.



Your Next Step in
Digital Dentistry is Here.

Schedule a Demo Today!

SprintRay

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