

D50+

Automated 3D Printing

Consistent Quality, Maximum Efficiency – Minimal Manual Labor

powered by

**German
Engineering**

rapidshape

D50+

Reliable Performance

- **Built for Continuous Performance**, DLP 3D printer with high-quality tempered glass reservoirs
- Patented Rapid Shape Force Feedback technology for high-speed volume production
- Integrated chamber heating expands resin compatibility

Optimized for Dental Labs Over 100 validated resins for more than 15 workflows



Denture Bases
up to 20 Denture Bases

96 minutes

100 μ m layer thickness

*18 Denture Bases shown in image

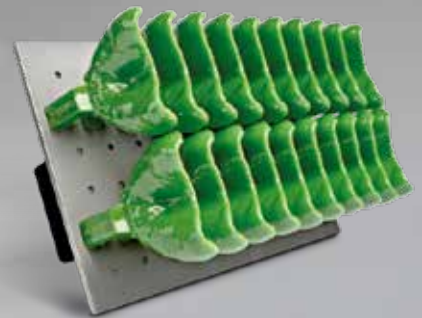


C&B Model
up to 10 C&B Models

40 minutes

50 μ m layer thickness

*6 full arch models and 3 quadrants
shown in image



Impression Trays
up to 20 Trays

90 minutes

100 μ m layer thickness

SCAN TO VIEW
VALIDATED MATERIAL LIST



Automation Features

- **Patented Automatic Separation Module (ASM)**
enables continuous printing of up to 6 jobs, automatically separating and collecting up to 60 full arch prints in the integrated basket
- **Automatic Resin Refill system**
empowers continuous 3D printing with operator involvement
- **Intelligent Connectivity**
enables seamless communication from software to Printer to WASH and CURE

Rapid Support

1-Year CARE Plus Plan included with purchase of D50+ 3D printer

Service includes:

- Professional installation & training (1,5 days on-site, 1,5 days remote)
- On-site 6-month maintenance and review (1 day, parts and labor included)
- 90 Day Remote Coach with Rapid Shape Digital Workflow Specialist
- Continuous CARE Plans for Year 2 & 3 available

SCAN TO VIEW
TECHNICAL
SPECIFICATIONS



CARE PLUS PLAN
TERMS &
CONDITIONS



RS Crystal Polish

High-Shine Splints Requiring Minimal Polishing



Up to 28 Splints printed in 90 min.

RS Crystal Polish Reservoir

Item Number: BGM182114

- Achieve high-shine splints right out the printer with RS Crystal Polish Reservoir
- Minimal polishing after printing reducing manual labor



D50+ Accessories

Surgical Guide Build Platform

Item Number: RS005517



Up to 6 Surgical Guides printed in 40 min.

- Removable D-shaped platforms can be used in combination with WASH and CURE ensuring consistency and stability of the surgical guide

Your Setup for Continuous, Clean Printing

- Includes UV light proof storage for up to 5 reservoirs
- 4x Glass reservoirs with covers
- Additional blades for the D50+ ASM
- Replacement tube for the D50+ Resin Refill System
- Additional consumables

Accessory Package

Item Number: RS005432



D50+ Standard Resin Reservoir

Item Number: RS005398



Durable Glass Reservoirs

- Tempered glass reservoirs without consumption limitation
- RFID chip integrated to indicate resin type

Post-Processing Solution

Fully streamlined connectivity between Rapid Shape 3D printers, WASH and CURE removing guesswork and manual parameter input from start to finish



Wash

Item Number: A.RS.PROWASH_RS2

- Max chamber capacity: 6 Full arch print jobs
- 2-step wash cycle and drying mechanism
- Reduced smell with activated carbon filtration
- Validated and pre-installed wash parameters for 200+ resins
- Stackable with CURE

Cure

Item Number: A.RS.PROCURE_RS2

- Max chamber capacity: 6 full arch print jobs
- Integrated vacuum system eliminating need for Nitrogen tanks or generators
- Achieving peak performance 3D prints with 360° curing in a controlled vacuum environment
- Nitrogen inlet built in
- Stackable with WASH unit to minimize counter space footprint



SCAN TO VIEW WASH



SCAN TO VIEW CURE



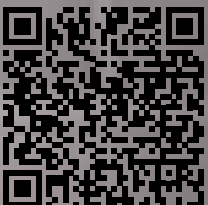
RS cure XL: High Volume Vacuum Cure

Item Number: A.RS.CUREXL_RS2

- Large vacuum curing chamber fitting up to 30 dental models
- Intelligent connectivity between D50+ and RS cure XL for safe 1-click processes
- Achieving peak performing 3D prints with 360° curing in a vacuum environment
- Extensive library of validated materials
- Certified Auto-Calibration ensuring consistent light intensity throughout life cycle



SCAN TO VIEW
RS CURE XL



Our Happy Customers

// *The ability to load the printer and walk away has completely transformed my printing digital workflow. It's allowed me to run production more efficiently and effectively, streamlining operations and significantly boosting productivity.* //

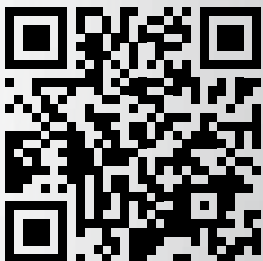


Jimmy Fincher

CDT and Owner of Cosmetic Advantage Dental Lab Lewisville, Texas



Book A Demo



Scan to Schedule
remote 30-min demo
with RS Digital Workflow
Specialists

Contact Information for Customer Support:
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