



J5 DentaJet

Load one tray
and walk away.

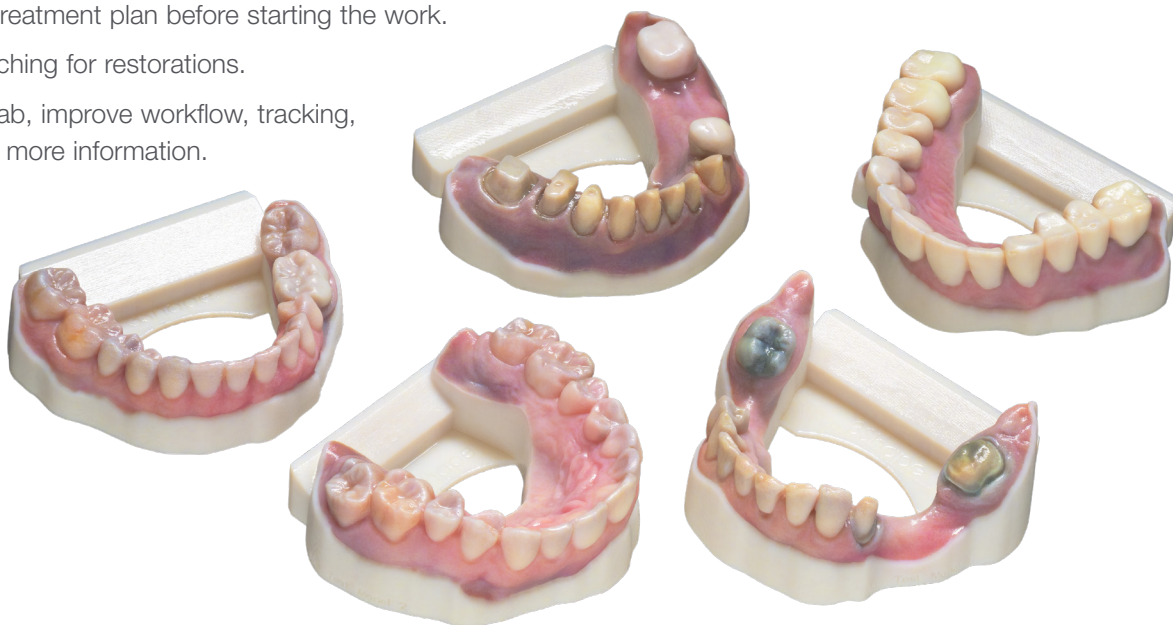
Load one tray and walk away.

The Stratasys J5 DentaJet™ may be small, but it's a powerful tool for dental labs. With a small footprint and a large-capacity rotating print tray, the newest addition to the Stratasys Dental family is designed to maximize efficiency. In a single mixed-tray print, create more dental parts with significantly less handling — all with the precision, accuracy and realism you can expect from Stratasys and PolyJet Technology™.



Harness the power of color.

- Print full-color realistic models mimicking the shape, texture, and color of teeth and gums. Easily apply color captured in an intra-oral scan*.
- Increase patient acceptance of case presentations - show your patients the result of their treatment plan before starting the work.
- Simplify color matching for restorations.
- Differentiate your lab, improve workflow, tracking, and communicate more information.



Models courtesy of Smile Designs By Rego

* Available with 3Shape Dental System™ 22.1 and J5 DentaJet software version 1.71 and above.

Quality, made compact.

Decrease your footprint and increase productivity.

Small enough to fit in small and medium sized labs but designed with a larger print tray to create more parts in a compact, lab-friendly environment.

Simplify production and reduce manual labor.

Unattended operation, fewer changeovers, less touch-time to load and minimal post-processing reduces manual labor while maximizing output.

Reduce the number of printers you need and cut costs with mixed trays.

The DentaJet is like having three printers in one. Use different materials in a single job. Print an implant case with a rigid opaque model together with a soft gingiva mask and a biocompatible transparent surgical guide, or print an RPD framework in a castable material together with the patient model.

Unmatched quality and accuracy

The DentaJet is designed with a unique 360° print tray to create more highly accurate, full-color, parts from different materials — in a single print — without sacrificing patient-specific accuracy.

A dental solution to suit every need.

Orthodontics.

Cut days off delivery times and produce more accurate, comfortable and effective orthodontic appliances.

- Go straight from intraoral scan to in-house production with a seamless digital workflow.
- Simplify the production of acrylic orthodontic devices such as Hawley Retainers with Separator Digital Material, which coats models, easing the separation of the acrylic device from the model and making the removal of wax and acrylic residues easy — saving you up to three minutes per model in manual labor and resulting in better surface quality for both the orthodontic device and model.
- 3D print indirect bonding trays or produce full color study models.

Implantology.

Simplify the complexity of implantology and maximize production.

- Print opaque and rigid implant models, biocompatible and transparent surgical guides and soft gingiva masks — all on one tray — in a single unattended print job.
- Print as many as 46 implant cases* per day with only two trays.

Removables.

Speed, precision, and customization that outperforms traditional dentistry.

- Replace traditional hand wax-ups and automate the process of cast chrome partials — significantly reducing manual labor.
- Boost productivity by printing models and RPD frameworks on a single, mixed-tray — print as many as 45 cases** per day with only four trays.
- Reduce patient visits and resets with precise frameworks — denture and partial try-ins are produced in less time with smooth, biocompatible materials.

Crown and Bridge.

Accelerate your business with end-to-end solutions.

- Produce a large volume of precise models in high-resolution materials increasing your lab capacity.
- Eliminate delays and inaccuracies of manual labor, enabling faster production and higher-quality crown and bridge models with fewer remakes.
- Enable dentists to seat crowns and bridges in a matter of minutes, minimizing chair time and allowing them to see more patients per day.
- Print as many as 87 crown and bridge cases*** per day in only three trays.



* One case equals a full arch model, opposite side, surgical guide and gingiva mask.

** One case equals RPD framework and model.

*** One case equals a quadrant model, opposite side, and removable die.



3D printing workflow, simplified.

Increase production, reduce print time and streamline your 3D print workflow with GrabCAD Print™ software.

- Easy-to-use and minimal training is required.
- Add multiple printers on the same network.
- Automatically correct files — no need to pull in third party software.
- Increase production and significantly reduce print time with automatic tray arrangement.
- Calculate the time and material resources needed for production before printing.
- Modify colors to create unique and highly realistic models.
- Schedule and monitor the print job remotely from your mobile device or browser.
- Get automatic alerts remotely when the job is printing and finished.

Small footprint, **big impact**

The J5 DentaJet™ professional-grade printer delivers unmatched quality, reliability and productivity — all within a small footprint.

- Realistic, patient-specific models enable better clinical outcomes and facilitate better communication between the lab, the clinic and the patient.
- Multiple materials printing supports a wide variety of parts on the same production run.
- Print in multi-materials on the same build tray, maximizing productivity and throughput.
- Requires less manual labor, post-processing and handling due to high volume unattended operation and Separator Digital Materials.
- Seamless digital workflow with remote capabilities saves time and prevents errors.



See the specs.

Product Specifications

Model Materials	<p>Biocompatible materials:</p> <ul style="list-style-type: none"><input type="checkbox"/> Biocompatible Clear MED610™<input type="checkbox"/> VeroGlaze™ (MED620)<input type="checkbox"/> Flexible clear biocompatible material MED625FLX™ <p>Vibrant colors including:</p> <ul style="list-style-type: none"><input checked="" type="checkbox"/> VeroCyanV™ (RGD845)<input checked="" type="checkbox"/> VeroMagentaV™ (RGD852)<input checked="" type="checkbox"/> VeroYellowV™ (RGD838)<input type="checkbox"/> VeroDent™ PureWhite (DEN847)
Digital Model Materials	<p>Unlimited number of composite materials including:</p> <ul style="list-style-type: none">• Over 500,000 colors• Separator Digital Material
Support Materials	SUP711™ (Waterjet removable)
Max Part Size/Printing Area	140 x 200 x 190mm (5.51 x 7.87 x 7.48 in.) Up to 1.174cm ²
Layer Thickness	Horizontal build layers down to 18 microns (0.0007 in.)
Network Connectivity	LAN – TCP/IP
System Size and Weight	651 x 661 x 1511mm (25.63 x 26.02 x 59.49 in.); 228 kg (503 lbs.)
Operating Conditions	Temperature 18 – 25 °C (64 – 77 °F); relative humidity 30 – 70% (non-condensing)
Power Requirements	100 – 240 VAC, 50 – 60 Hz, 10A, 1 phase
Regulatory Compliance	CE, FCC, EAC
Software	GrabCAD Print
Build Modes	High Quality Speed (HQS) – 18.75µm High Quality High Speed (HQHS) – 20.625µm



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