Stratasys J700 Dental

Optimize Production with More Capacity and a Fast, Reliable Workflow
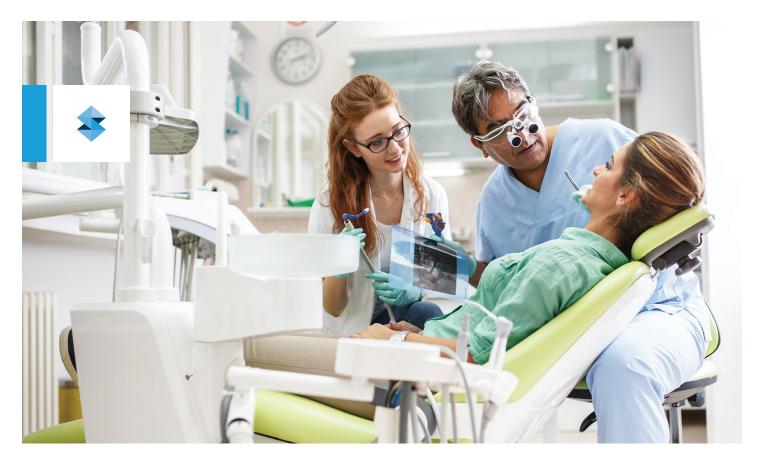
The Stratasys J700 Dental™ is a large-scale 3D printing dental solution ideal for producing clear aligner molds with speed, reliability and minimal post-processing – no post curing or finishing required.

Maximize operations for large capacity aligner production with the fastest PolyJet™ system available. The Stratasys J700 Dental is the most affordable and dependable solution for optimal lab production with capacity for more than 400 molds per day.

Get unparalleled ease-of-use and a clean, quiet, predictable process with no need for digital design knowledge. Expand your business by giving your lab the best tool for increased productivity and the efficiencies of a complete digital workflow.

TRI-TECH 3D
STANFORD MARSH GROUP

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Increased Productivity and Capacity

The Stratasys J700 Dental 3D Printer delivers unrivaled performance to get your clear aligner production up and running quickly. Dramatically cut production time with an affordable 3D dental printer that can produce a large capacity of clear aligner molds fast with dependable results every time. With high efficiency and a lower initial investment, you'll realize ROI quickly with the Stratasys J700 Dental.

Safe, Clean Process

Build models with easy-to-handle materials that pose no biohazard safety or disposal concerns. The self-contained resin cartridge allows for safe, office-friendly production. The uncured material resides securely in closed cartridges requiring no direct user contact with the polymers, which means no exposure to hazardous materials.

Streamlined Workflow

Improve workflow with automated clear aligner molda production, enabling greater productivity. And free up physical office space with digital dental record storage.

Streamline your workflow with GrabCAD Print™. Lean on smart default settings, tooltips and notifications to guide you through a seamless printing process. Work with detailed views of your model, tray and slice preview so you can make necessary adjustments before going to print.

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PolyJet Technology

The cornerstone of Stratasys dental solutions is PolyJet technology. No other digital dental solution offers the combination of dependability, high resolution, accuracy, safety and ease of use that PolyJet technology provides.

Stratasys Is Shaping Dentistry

We believe that dentistry benefits profoundly from the advantages of 3D printing as part of the complete digital workflow. Stratasys has invested significant resources into developing technology specific to the dental marketplace and has the expertise necessary to stay on top of the industry's needs. When you partner with Stratasys, you benefit from the knowledge, accomplishments, clinical training and global experience of our dedicated dental team. Combined with our history of transformative 3D printing technology, Stratasys helps to ensure our solutions are the right fit for the dental industry's challenges and applications.

PRODUCT SPECIFICATIONS

Model Materials	VeroDent™ — a natural peach-tone material offering high-quality detail, strength and durability
Support Materials	SUP705 (WaterJet removable)
Build Size	490 x 390 x 200 mm (19.3 x 15.35 x 7.9 in.)
Build Resolution	X-axis: 600 dpi; Y-axis: 300 dpi; Z-axis: 460 dpi
Layer Thickness	Horizontal build layers down to 55 microns (0.002 in.)
Workstation Compatibility	Windows 7 and 8.1
Network Connectivity	LAN - TCP/IP
System Size and Weight	1400 x 1260 x 1100 mm (55.1 x 49.6 x 43.4 in.); 430 kg (948 lbs.) Material Cabinet: 670 x 1,170 x 640 mm (26.4 x 46.1 x 25.2 in.); 152 kg (335 lbs.)
Operating Conditions	Temperature 18-25 °C (64-77 °F); relative humidity 30-70% (non-condensing)
Power Requirements	100–120 VAC, 50–60 Hz, 13.5 A, 1 phase 220–240 VAC, 50–60 Hz, 7 A, 1 phase
Regulatory Compliance	CE, FCC, EAC
Software	GrabCAD Print
Build Modes	Super High Speed: 1 resin plus support, 55-micron (0.002 in.) resolution

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For more information on how Stratasys 3D Printing solutions create growth opportunities for dental labs, contact:

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