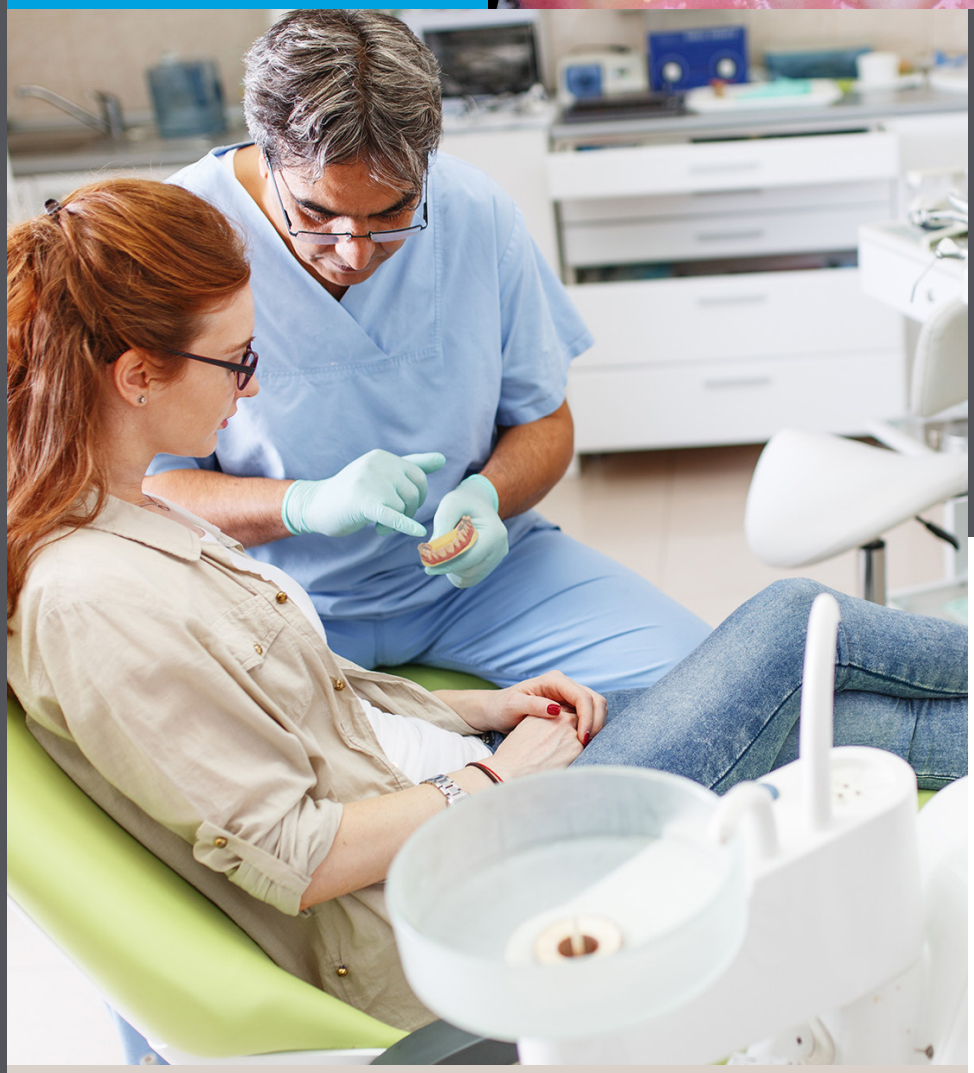

J720 Dental Printer

Speed.
Productivity.
Realism.

stratasys

Brochure

Speed. Productivity. Realism.

The Stratasys J720™ dental 3D printer is designed to meet the increased demands labs face today. This full-color, multi-material printer produces high-resolution models with precise accuracy. It offers an unrivaled combination of speed, high throughput and realism to handle all dental case needs with the capacity to outperform DLP and SLA dental printers.

Harness the Power of Color

- Increase patient acceptance of case presentations - show your patients how their treatment will look before starting work
- Leverage full-color capability to differentiate your lab, improve workflow and tracking, and communicate more information
- Reduce C&B remakes with the only dental printer able to create highly realistic replicas of the patient's mouth

Be More Productive

1.75X the throughput of leading competing DLP printers

Reduce material changeovers and eliminate the need for multiple printers by printing with six materials at once

Eliminate workflow planning by supporting all order needs in a single print job – IDB trays, aligner arches, C&B and implant cases

Large print capacity accommodates many cases at a time, reducing touch-time to load and process smaller printers with lower capacity

Product Specifications

Model Materials	• Dental materials - VeroDent (MED670) and VeroDentPlus (MED690) • Vero™ family of opaque materials including neutral shades • Vibrant colors including VeroCyanV™, VeroMagentaV™ and VeroYellowV™ • Tango™ and Agilus30™ families of flexible materials • Transparent VeroClear™
Digital Model Materials	Unlimited number of composite materials including: • Over 500,000 colors • Materials to replicate soft tissue in a variety of Shore A values • Translucent color tints • User-developed digital materials
Support Materials	SUP705™ (WaterJet removable) SUP706B™ (soluble)
Build Size	490 x 390 x 200 mm (19.3 x 15.35 x 7.9 in.)
Layer Thickness	Horizontal build layers down to 14 microns (0.00055 in.)
Workstation Compatibility	Windows 7
Network Connectivity	LAN - TCP/IP
System Size and Weight	1,400 x 1,260 x 1,100 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	**High Speed:** up to 3 base resins, 27-micron (0.001 in.) resolution **High Quality:** up to 6 base resins, 14-micron (0.00055 in.) resolution **High Mix:** up to 6 base resins, 27-micron (0.001 in.) resolution
Accuracy	Up to 200 microns for full model size (for rigid materials only, depending on geometry, build parameters and model orientation)

Work
Faster

- Faster time-to-part – reduce the number of printers needed to maintain throughput and the labor required to monitor and service multiple printers
- Streamlined workflow - print in different materials on the same build tray, maximizing productivity and accelerating throughput
- Quicker turnaround time – for the same capacity, models are finished faster than competing systems
- Achieve speed and quality – the J720 combines high-resolution printing with fast time-to-part

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