J720
Dental Printer

Speed.
Productivity.
Realism.

stratasys

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
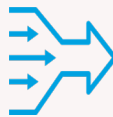
Be More Productive

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

Save time and improve throughput with the automaitc tray arrangement in GrabCAD

Print all dental parts - implant models, surgical guides, gingiva mask and more - in a single print

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

Simplify the creation and service quality of orthodontic devices with the Separator DM — which coats models, making the removal of wax and acrylic residues easy

Product
Specifications

Model Materials	• Dental materials: VeroDent™ (MED670) and VeroDentPlus™ (MED690)
	• Biocompatible materials: MED610™, MED620™ and MED625FLX™
	• Vero™ family of opaque materials including neutral shades
	• Vibrant colors including VeroCyanV™, VeroMagentaV™ and VeroYellowV™
	• Tango™ and Agilus30™ families of flexible materials
	• Transparent VeroClear™
	• VeroUltraClear™
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
	• Separator Digital Materials
Support Materials	SUP705™ /SUP70B™ (APJ) (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

Work
Faster

- Lower cost of operation — 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

Stratasys Headquarters

7665 Commerce Way,
Eden Prairie, MN 55344
+1 800 801 6491 (US Toll Free)
+1 952 937-3000 (Intl)
+1 952 937-0070 (Fax)

1 Holtzman St., Science Park,
PO Box 2496
Rehovot 76124, Israel
+972 74 745 4000
+972 74 745 5000 (Fax)

stratasys.com
ISO 9001:2015 Certified