Stratasys J5 DentaJet

The Stratasys J5 DentaJet™ 3D printer provides high throughput with a small footprint and affordable price. It offers dental labs multiple capabilities to produce fixed restorations, orthodontic appliances and removables with speed and efficiency.

This full-color printer has the capacity to print five materials including three biocompatible resins. Full-color capability enables highly realistic modeling and marketplace differentiation. Separator digital material enables easy removal of orthodontic devices from the model. Mixed-tray printing lets you print full implant cases—model, gingiva mask and surgical guide—on the same tray during the same print. Large tray area combined with unattended operation, the J5 DentaJet offers maximum productivity.

GrabCAD Print™ software increases production, automatically corrects files and significantly reduces print time with automatic tray arrangement. Remote monitoring lets you easily manage your print jobs from your mobile device or browser and alerts you when the job is printing and finished.

Product Specifications

Model Materials	Biocompatible materials: • Biocompatible Clear MED610™ • VeroGlaze™ (MED620) • Flexible clear biocompatible material MED625FLX™	Vibrant colors including: • VeroCyanV™ (RGD845) • VeroMagentaV™ (RGD852) • VeroYellowV™ (RGD838) • VeroDent™ PureWhite (DEN847)
Digital Model Materials	Unlimited number of composite materials including: • Over 500,000 colors • Separator Digital Material	
Support Materials	SUP711™ (Water Jet removable)	
Build Tray	Printing area: 1,174cm^2 Max Part Size: Up to 140 x 200 x 190mm (5.51 x 7.87 x 7.48in.)	
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	

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