J5 DentaJet 3D printer

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 J5 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 print tray to create more highly accurate, full-color, parts from different materials — in a single print — without sacrificing patient-specific accuracy.

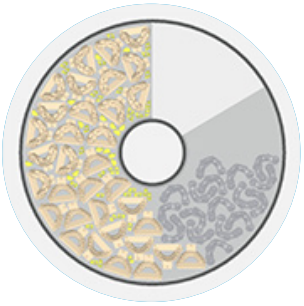
True Aesthetics Made Possible

Harness the power of color printing. Create highly realistic replicas of a patient's mouth or print monolithic, polychromatic dentures or temporaries in a variety of shades and colors.

Print up to
37 Aligner Arches
in 3 hr 13 min using HQHS

Print up to
34 TrueDent Dentures
in 13 hr 50 min using HQS mode

Print up to
26 Color models using 3Shape color workflow
in 10 hr 48 min using HQS mode



Print up to
17 Implant cases
in 12 hr 45 min using HQS mode

Dental Applications

- Models: C&B, implant, orthodontic, removable, maxillofacial
- Full color models using 3shape workflow
- Surgical guides
- Gingiva masks
- TrueDent dentures and temporaries
- Indirect bonding (IDB) trays
- RPD frameworks
- Custom impression trays
- Try-ins

Stratasys J5 DentaJet Specifications

Available Resins	Biocompatible Resins: • Biocompatible Clear MED610™ • VeroGlaze™ MED620 • Flexible clear biocompatible material MED625FLX™	Color Resins: • VeroCyanV™ (RGD845) • VeroMagentaV™ (RGD852) • VeroYellowV™ (RGD838) • VeroDent™ PureWhite (DEN847)	FDA Cleared Resins: • TrueDent Cyan • TrueDent Magenta • TrueDent Yellow • TrueDent White • TrueDent Clear
Digital Model Materials	Unlimited number of composite materials including: • Over 500,000 colors • Separator Digital Material		
Support Materials	SUP711™ (Water Jet removable), TrueDent Support		
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 High Quality High Speed (HQHS) – 20.625µm		