DentaJet® XL 3D Printer

Powered by PolyJet™

Precision at scale

Unlock Growth

Empower your high-volume dental lab with the most efficient production solution for highly accurate aligner arches, models and implant cases. Production scale at significantly reduced price per part.

Unmatched Accuracy

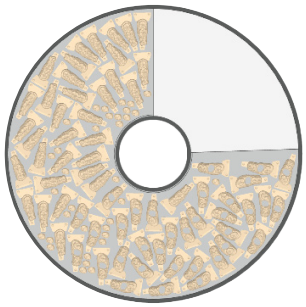
Print precise, high fidelity, multi-material implant cases on a single tray.

High Speed Precision

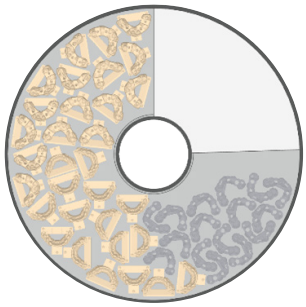
Super high speed printing capabilities ideal for high-volume manufacturing of consistent, precise aligner arches.

Decrease Labor, Increase Production & Safety

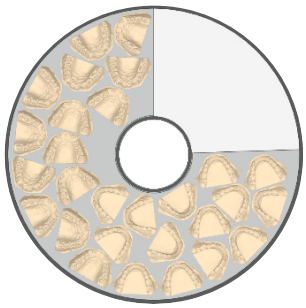
Unattended operation, fewer changeovers, fewer touchpoints and minimal post-processing reduces manual labor while maximizing output and ensuring a cleaner, safer working environment.



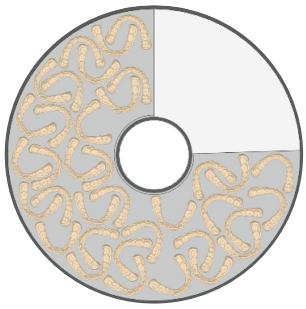
Print up to
102 Crown and Bridge Models
in 4 hrs 31 mins using HQHS



Print up to
16 Implant Cases
in 6 hrs 30 mins using HQHS



Print up to
28 Orthodontic Models
in 6 hrs 37 mins using HQHS



Print up to
36 Aligner Arches
in 2 hrs 13 mins using SHS

Dental Applications

- Models: C&B, implant, orthodontic, removable, maxillofacial
- Surgical guides
- RPD frameworks
- Custom impression trays
- Try-ins
- Clear aligner arches

Stratasys DentaJet XL Specifications

Technology	Main Properties	
Available Resins	Biocompatible Resins: • MED610™ Bio-compatible material • VeroGlaze™ MED620	Color Resin: • VeroDent™ PureWhite
Digital Model Materials	• Separator Digital Material	
Support Material	SUP711S™	
Build Tray	Printing area: 1,174cm^2 Print Height: 187mm	
Layer Thickness	Horizontal build layers down to 18 microns (0.0007 in)	
Network Connectivity	LAN - TCP/IP	
System size (W x H x D) & weight	65 x 152 x 66 cm (25.6 x 59.8 x 26 in); 199 kg (439 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, cTUVus, FCC, Industry Canada, RCM Noise: 67 dB	
Software	GrabCAD Print	
Build Modes	High Quality High Speed (HQHS) - 20.625µ Super High Speed (SHS) - 61.875µ (for aligner arches only)	