



J3 DentaJet 3D printer

The J3 DentaJet is our entry-level PolyJet printer for small to medium-sized labs. It can produce mixed trays of three materials, including a large quantity of implant models, surgical guides, and gingiva masks, all on the same tray and with unmatched accuracy.

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

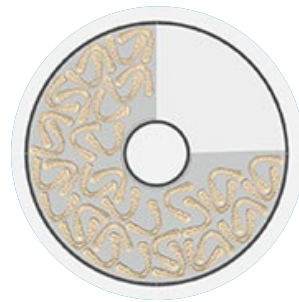
Unattended operation, fewer changeovers, less touch-time to load and minimal post-processing reduces manual labor while maximizing output.

Reduce the number of printers you need and cut costs with mixed trays

The J3 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

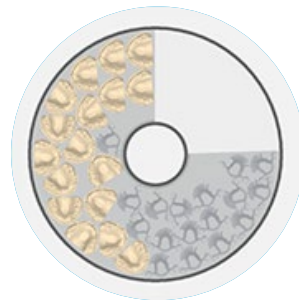
The DentaJet is designed with a print tray to create more highly accurate parts from different materials — in a single print — without sacrificing patient-specific accuracy.



Print up to

37 Aligner
Arches

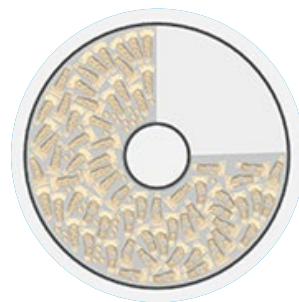
in 3 hr 13 min
using HQHS



Print up to

17 RPD
Cases

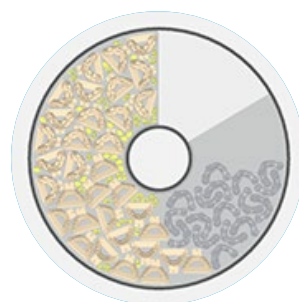
in 12 hr 29 min
using HQS mode



Print up to

64 Crown&Bridge
models

in 4 hr 24 min
using HQHS mode



Print up to

17 Implant
cases

in 12 hr 45 min
using HQS mode

Dental Applications

- Models: C&B, implant, orthodontic, removable, maxillofacial
- Surgical guides
- Gingiva masks
- Indirect bonding (IDB) trays
- RPD frameworks
- Custom impression trays
- Try-ins

Stratasys J3 DentaJet Specifications

| | | |
|-----------------------------|---|--|
| Model Materials | Biocompatible materials: <ul style="list-style-type: none"> • Biocompatible Clear MED610™ • VeroGlaze™ (MED620) • Flexible clear biocompatible material MED625FLX™ | Vibrant colors including: <ul style="list-style-type: none"> • VeroMagentaV™ (RGD852) • VeroDent™ PureWhite (DEN847) |
| Digital Model Materials | Unlimited number of composite materials | |
| Support Materials | SUP711™ (Waterjet removable) | |
| Max Part Size/Printing Area | 140 x 200 x 190mm (5.51 x 7.87 x 7.48 in.) Up to 1.174 cm ² | |
| 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 774mm (25.63 x 26.02 x 30.48 in.); 98 kg (216 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 Long Print Mode – 18.75µm (allowing cartridge Hot Swap for selected material) | |

Energy Group

3D Printing Solutions for Industry

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