PRO JET MP 3000

High Definition
3-D Modeling

Printing Modes HD - High Definition	
Net Build Volume (xyz) HD Mode:	298 x 185 x 203mm (11.75 x 7.3 x 8 inches)
Resolution HD Mode:	328 x 328 x 606 DPI (xyz)
Accuracy (typical)	0.001-0.002 inch (0.025-0.05 mm) per inch of part dimension accuracy may vary depending on build parameters, part geometry and size, part orientation, and post-processing methods
Build Materials VisiJet® MP200 Build Material	Formulated for exceptional castability
Support Material VisiJet® S100 Support Material	Non-toxic wax material for hands-free melt-away supports
Material Packaging Build materials in clean 0.5 kg cartridges (machine holds up to 10 with auto-indexing) Support materials in clean 0.405 kg cartridges (machine holds up to 10 with auto-indexing)	
Electrical	100-127 VAC, 50/60 Hz, single-phase, 15A; 200-240* VAC, 50 Hz, single-phase, 10A
Dimensions (WxDxH) Modeler Crated Modeler Uncrated	 889 x 1422 x 1778mm (35 x 56 x 70 inches) 737 x 1219 x 1499mm (29 x 48 x 59 inches)
Weight Modeler Crated Modeler Uncrated	 424 kg (935 lb) 288 kg (635 lb)
ProJet™ Accelerator Software Easy build job set-up, submission and job queue management Automatic part placement and build optimization tools Extensive part file editing tools Automatic support generation Job statistics reporting tools	
Network Compatibility	Network ready with 10/100 Ethernet interface
Client Hardware Recommendation	1.8 GHz with 1GB RAM (OpenGL support 64 mb video RAM) or higher
Client Operating System	Windows XP Professional
Input Data File Formats Supported	STL and SLC
Operating Temperature Range	18-28 ºC (64-82 ºF)
Noise	<65 dBa estimated (at medium fan setting)
Certifications	CE marked

* Requires small external transformer supplied by 3D Systems in the provided country kit.

Accurately, consistently and economically manufacture precision dental models.

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ProJet™ MP 3000

Production System

A digital image is generated using a 3-D Scanning device. Using 3-D dental CAD/CAM software, the dental model is designed.

Once the dental models are designed, the files are sent to the ProJet™ MP 3-D Printer.

The ProJet™ MP 3-D Printer then builds the models.

The support material is removed and the models are ready to use.

Next Generation Technology

- Accurately, consistently and economically manufacture precision dental models.
- Improve your competitive edge by:
  - Reducing your labor issues
  - Increasing your productivity
  - Reducing infection control issues
  - Decreasing shipping costs
- The ProJet™ MP 3000 Production System can assist you in addressing your daily challenges and improve your bottom line.
- The open architecture of the system allows file transfer from any open scanner on or off site.

Features

- Produces any size model
- Models print in layers for smooth surfaces
- Large build volume
- Architecture allows file transfer from any open scanner on- or off-site
- Outstanding fit and margin line adaptation
- Works with any compatible intraoral, plaster or impression scanner

Benefits

- Designed for use in laboratories
- Generates multiple models in each print cycle
- Extended unattended operation
- Reduced skilled labor requirements
- Same day job processing
- Reduced time and cost