

ProJet™ MP 3000

Professional 3D Printer

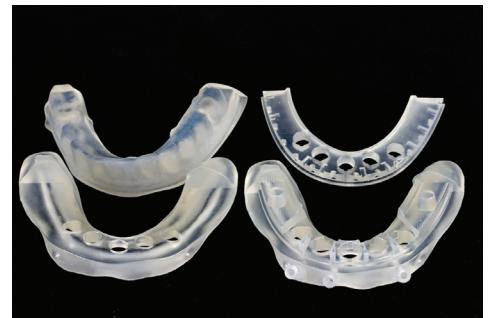
New 2012 Model

Dental CAD/CAM 3D Printer Precision Dental Models

CREATE WITH CONFIDENCE.

The ProJet™ MP 3000 Printing System is designed for use in laboratories with extended unattended operation and same day processing to reduce time and cost. The system can produce any size model with a choice of two print modes, smooth and matte. Multiple models can be built at one time.

PRECISION • PRODUCTIVITY • COMPATIBILITY



- Works with any compatible intraoral, plaster or impression scanner (open system)
- Accurately, consistently and economically manufactures precision dental models including crown and bridge, orthodontic and partial denture models as well as drill guides and jaw models
- Outstanding fit and margin line adaptation
- Easy to use



For more information about 3D Systems' Professional 3D Printers, visit www.toptobottomdental.com or www.printin3d.com



Printing Modes

HDX - High Definition Smooth (drill guides, jaw models and orthodontic thermoforming models)

HDP - High Definition Matte (**new for 2012**) (crown and bridge, partial denture and other plaster model applications)

Net Build Volume (xyz)

HDX and HDP Mode: 298 x 185 x 203mm (11.75 x 7.3 x 8 inches)

Resolution

HDX and HDP Mode: 375 x 375 x 790 DPI (xyz): 32μ z-layer thickness

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 Material

VisiJet® MP200 Build Material Formulated for accuracy and visibility

Support Material

VisiJet® S100 Support Material Non-toxic wax material for hands-free melt-away supports

Material Packaging

Build material in clean 0.5 kg cartridges (machine auto-loads up to 10 cartridges)

Support material in clean 0.405 kg cartridges (machine auto-loads up to 10 cartridges)

Electrical

100-127 VAC, 50/60 Hz, single-phase, 15A; 200-240* VAC, 50 Hz, single phase, 10A

Dimensions (WxDxH)

3D Printer Crated 843 x 1427 x 1717mm (35 x 66 x 79 inches)

3D Printer Uncrated 737 x 1215 x 1504mm (29 x 47.8 x 59.2 inches)

Weight

3D Printer Crated 385 kg (850 lbs)

3D Printer Uncrated 254 kg (560 lbs)

ProJet™ Accelerator Software

Easy build job set-up, submission and job queue management

Automatic part placement and build optimization tools

Extensive part 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, Windows Vista, Windows 7

Input Data File Formats Supported

STL and SLC

Operating Temperature Range

18-28 °C (64-82 °F)

Noise

< 65 dBA estimated (at medium fan setting)

Certifications

CE

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

