

ProJet™ HD 3000 Technical Specifications

Printing Modes

HD - High Definition
UHD - Ultra High Definition

Net Build Volume (xyz)

HD Mode: 298mm x 185mm x 203mm (11.75 x 7.3 x 8 inches)
UHD Mode: 127mm x 178mm x 152mm (5 x 7 x 6 inches)

Maximum Single Model Size

HD Mode: 298mm x 185mm x 203mm (11.75 x 7.3 x 8 inches)
UHD Mode: 6450 mm² (xy) x 50mm (z); 10 in² (xy) x 2 in (z)

Resolution

HD Mode: 328 x 328 x 606 DPI (xyz)
UHD Mode: 656 x 656 x 800 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 SR200 Build Material Available in natural, blue or gray
VisiJet HR200 Build Material Available in blue, 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 960mm x 1420mm x 1670mm (38 x 56 x 66 inches)
Modeler Uncrated 737mm x 1257mm x 1504mm (29.0 x 49.5 x 59.2 inches)

Weight

Modeler Crated 371 kg (817 lb)
Modeler Uncrated 254 kg (560 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

18-28oC (64-82oF)

Noise

<65 dBA estimated (at medium fan setting)

Certifications

CE marked

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

