**ProJet® MJP 2500 Plus and 3600 Dental**

High throughput productivity MultiJet Printing of precision wax-ups, models and surgical guides

<table>
<thead>
<tr>
<th>Printing Modes</th>
<th>ProJet MJP 2500 Plus</th>
<th>ProJet MJP 3600 Dental</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD Mode</td>
<td>High Definition</td>
<td></td>
</tr>
<tr>
<td>UHD Mode</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HDX Mode</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HDP Mode</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Net Build Volume (xyz)*</th>
<th>11.6 x 8.3 x 5.6 in (294 x 211 x 144 mm)</th>
<th>11.2 x 7.3 x 8 in (284 x 185 x 203 mm)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Resolution (xyz)</th>
<th>HD Mode</th>
<th>UHD Mode</th>
<th>HDX Mode</th>
<th>HDP Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPI</td>
<td>800</td>
<td>750</td>
<td>375</td>
<td>375</td>
</tr>
<tr>
<td>μ layers</td>
<td>32</td>
<td>29</td>
<td>32</td>
<td>32</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accuracy (typical)</th>
<th>±0.001-0.002 inch per inch (0.025-0.05 mm per 25.4 mm) of part dimension (on platform)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accuracy may vary depending on build parameters, part geometry and size, part orientation, and post-processing.</td>
<td></td>
</tr>
</tbody>
</table>

**Build Materials**

<table>
<thead>
<tr>
<th>HD Mode</th>
<th>UHD Mode</th>
<th>HDX Mode</th>
<th>HDP Mode</th>
</tr>
</thead>
</table>

**Support Material**

VisiJet M2 SUP

**Material Packaging**

- Build materials: In clean 3.30 lbs (1.5 kg) bottles (printer holds up to 2 build materials bottles with auto-switching)
- Support materials: In clean 3.08 lbs (1.4 kg) bottles (printer holds up to 2 support material bottles with auto-switching)

**Electrical**

<table>
<thead>
<tr>
<th>HD Mode</th>
<th>UHD Mode</th>
<th>HDX Mode</th>
<th>HDP Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-127 VAC, 50/60 Hz, single-phase, 15A</td>
<td>100-127 VAC, 50/60 Hz, single-phase, 15A</td>
<td>100-127 VAC, 50/60 Hz, single-phase, 15A</td>
<td>100-127 VAC, 50/60 Hz, single-phase, 15A</td>
</tr>
<tr>
<td>200-240 VAC, 50 Hz, single-phase, 10A</td>
<td>200-240 VAC, 50 Hz, single-phase, 10A</td>
<td>200-240 VAC, 50 Hz, single-phase, 10A</td>
<td>200-240 VAC, 50 Hz, single-phase, 10A</td>
</tr>
<tr>
<td>32 μ layers</td>
<td>29 μ layers</td>
<td>32 μ layers</td>
<td>32 μ layers</td>
</tr>
</tbody>
</table>

**Dimensions (WxDxH)**

<table>
<thead>
<tr>
<th>HD Mode</th>
<th>UHD Mode</th>
<th>HDX Mode</th>
<th>HDP Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>55 x 36.5 x 51.7 in (1397 x 927 x 1314 mm)</td>
<td>32.5 x 56.3 x 68.5 in (826 x 1430 x 1740 mm)</td>
<td>29.5 x 47 x 59.5 in (749 x 1194 x 1511 mm)</td>
<td>955 lbs (433 kg)</td>
</tr>
<tr>
<td>44.1 x 29.1 x 42.1 in (1120 x 740 x 1070 mm)</td>
<td>659 lb (299 kg)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Weight**

- 716 lb (325 kg) | 955 lbs (433 kg) |
- 465 lb (211 kg) | 659 lb (299 kg) |

**3D Sprint® Software**

- Easy build job set-up, submission and job queue management;
- Part stacking and nesting capability; Extensive part editing tools; Automatic support generation; Job statistics reporting tools

**E-mail Notice Capability**

- Yes

**Internal Hard Drive Capacity**

- 500 Gb minimum

**Connectivity**

- Network ready with 10/100/1000 BaseT Ethernet interface
- Front panel USB Port

**Client Hardware Recommendation**

- CPU: 3 GHz multiple core processor (2 GHz Intel® or AMD® processor mini) with 8 GB RAM or more (4 GB mini), OpenGL 3.2 and GLSL 1.50 support (OpenGL 2.1 and GLSL 1.20 mini)
- RAM: 1 GB video or more, 1280 x 1024 (1280 x 960 mini) screen resolution or higher
- HARD DRIVE: SSD or 10,000 RPM hard disk drive (30 GB of available hard-disk space for cache mini)
- OTHER: Google Chrome or Internet Explorer 11 (Internet Explorer 9 mini), Microsoft .NET Framework 4.5 installed with application

**Client Operating System**

- Windows® 7, Windows 8 or Windows 8.1 (Service Pack)

**Input Data File Formats Supported**

- STL, CTL, OBJ, PLY, ZPR, ZBD, AMF, WRL, 3DS, FBX, IGES, IGS, STEP, STP, MPD3D

**Post-Processing**

- MJF EasyClean System for removal of wax supports (optional)
- ProJet Finisher for removal of wax supports (optional)

**Operating Temperature Range**

- 64-82 °F (18-28 °C), reduced print speed at > 77 °F (25 °C)

**Operating Humidity**

- 30-70 % Relative Humidity

**Noise**

- < 65 dBA estimated (at medium fan setting)

**Certifications**

- CE

---

* Maximum part size is dependent on geometry, among other factors.

** Requires small external transformer supplied by 3D Systems in the provided country kit.
# VisiJet® Dental Materials

For castable and pressable wax-ups, precision dental models and surgical guides

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>UV Curable Plastic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Opaque Tan</td>
<td>Dark green</td>
<td>White</td>
<td>Natural</td>
<td>White</td>
<td>White</td>
<td></td>
</tr>
<tr>
<td>Bottle Quantity</td>
<td>1.5 kg</td>
<td>2 kg</td>
<td>2 kg</td>
<td>2 kg</td>
<td>1.4 kg</td>
<td>2 kg</td>
<td></td>
</tr>
<tr>
<td>Density @ 20 °C (solid)</td>
<td>1.16 g/cm³</td>
<td>1.16 g/cm³</td>
<td>1.16 g/cm³</td>
<td>1.19 g/cm³</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM D638</td>
<td>60-70 MPa</td>
<td>32 MPa</td>
<td>41 MPa</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Tensile Modulus</td>
<td>ASTM D638</td>
<td>2500-3000 MPa</td>
<td>1724 MPa</td>
<td>1794 MPa</td>
<td>1850 MPa</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Elongation at Break</td>
<td>ASTM D638</td>
<td>6-12 %</td>
<td>12.3%</td>
<td>17%</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>ASTM D790</td>
<td>90-100 MPa</td>
<td>45 MPa</td>
<td>51 MPa</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Heat Distortion Temperature</td>
<td>ASTM D648</td>
<td>71 °C</td>
<td>N/A</td>
<td>88 °C</td>
<td>56 °C</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Ash Content</td>
<td>N/A</td>
<td>0.01%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Softening Point</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>USP Class VI Certified*</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Printer Compatibility</td>
<td>ProJet MJP 2500 Plus</td>
<td>Projet MJP 3600 Dental</td>
<td>Projet MJP 3600 Dental</td>
<td>Projet MJP 3600 Dental</td>
<td>Projet MJP 2500 Plus</td>
<td>Projet MJP 3600 Dental</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td>High modulus, rigid plastic (tan) for dental models</td>
<td>Wax-up castable material</td>
<td>Solid stone appearance</td>
<td>Translucent or stone finish**</td>
<td>Non-toxic wax material for hands-free melt-away supports</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* DISCLAIMER: Material is capable of meeting the requirements of USP Class VI testing. It is the responsibility of each customer to determine that its use of any VisiJet material is safe, lawful and technically suitable to the customer’s intended applications. The values presented here are for reference only and may vary. Customers should conduct their own testing to ensure suitability for their intended application.

** Choice of finish requires additional post processing.