MULTIJET PLASTIC PRINTERS

Functional precision plastic and elastomeric parts with the ProJet® MJP 2500 Series

ProJet MJP 2500

ProJet MJP 2500 Plus

Printing Mode	HD - High Definition	HD - High Definition
Net Build Volume (xyz)*	11.6 x 8.3 x 5.6 in (295 x 211 x 142 mm)	11.6 x 8.3 x 5.6 in (295 x 211 x 142 mm)
Resolution (xyz)	800 x 900 x 790 DPI, 32 µ layers	800 x 900 x 790 DPI, 32 µ layers
Accuracy (typical)	±0.004 in per in (±0.1016 mm per 25.4 mm) of part dimension. Accuracy may vary depending on build parameters, part geometry and size, part orientation, and post-processing.	
Build Materials	VisiJet M2 RWT – Rigid White VisiJet M2 RBK – Rigid Black	VisiJet M2 RWT – Rigid White VisiJet M2 RCL – Rigid Clear VisiJet M2 RBK – Rigid Black VisiJet M2 EBK – Elastomeric Black VisiJet M2 ENT – Elastomeric Natural
Support Material	VisiJet M2 SUP	VisiJet M2 SUP
Material Packaging Build Materials Support Material	In clean 1.5 kg bottles (printer holds up to 2 build materials bottles with auto-switching) In clean 1.4 kg bottles (printer holds up to 2 support material bottles with auto-switching)	
Electrical	100-127 VAC, 50/60 Hz, single-phase, 15A 200-240 VAC, 50 Hz, single-phase, 10A Single C14 receptacle	
Dimensions (WxDxH) 3D Printer Crated 3D Printer Uncrated	 55 x 36.5 x 51.7 in (1397 x 927 x 1314 mm) 44.1 x 29.1 x 42.1 in (1120 x 740 x 1070 mm)	 55 x 36.5 x 51.7 in (1397 x 927 x 1314 mm) 44.1 x 29.1 x 42.1 in (1120 x 740 x 1070 mm)
Weight 3D Printer Crated 3D Printer Uncrated	 716 lb (325 kg) 465 lb (211 kg)	 716 lb (325 kg) 465 lb (211 kg)
3DSPRINT™ Software	Easy build job set-up, submission and job queue management; Automatic part placement and build optimization tools; Part stacking and nesting capability; Extensive part editing tools; Automatic support generation; Job statistics reporting tools	
E-mail Notice Capability	Yes	Yes
Internal Hard Drive Capacity	500 Gb minimum	500 Gb minimum
Connectivity	Network ready with 10/100/1000 BaseT Ethernet interface USB port	
Client Hardware Recommendation	• 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), 1 GB video RAM or more, 1280 x 1024 (1280 x 960 mini) screen resolution or higher • SSD or 10,000 RPM hard disk drive (30 GB of available hard-disk space for cache mini) • Google Chrome or Internet Explorer 11 (Internet Explorer 9 mini) • Other: 3 button mouse with scroll, keyboard, 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	
Post Processing	MJP EasyClean System for easy removal of eco-friendly wax supports	
Operating Temperature Range	64-82 °F (18-28 °C), reduced print speed at > 77 °F (25 °C)	
Operating Humidity	30-70 % Relative Humidity	30-70 % Relative Humidity
Noise	< 65 dBa estimated (at medium fan setting)	
5-Year Printhead Warranty	Optional	Optional
Certifications	CE	CE

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

VISIJET® M2 MATERIALS

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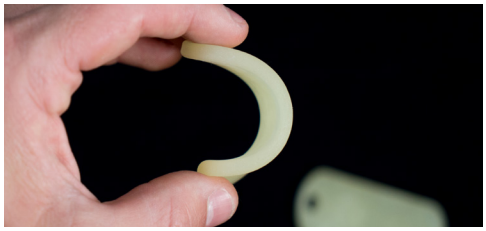
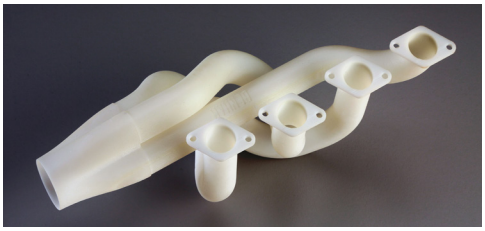

Properties	Condition	VisiJet M2 RWT	VisiJet M2 RBK	VisiJet M2 RCL	VisiJet M2 ENT	VisiJet M2 EBK	VisiJet M2 SUP
Composition			UV Curable Plastic		UV curable elastomeric material		Wax Support Material
Color		Opaque White	Opaque Black	Translucent Clear	Translucent Natural	Opaque Black	White
Bottle Quantity		1.5 kg	1.5 kg	1.5 kg	1.5 kg	1.5 kg	1.4 kg
Density @ 20 °C (solid)	ASTM D4164	1.19 g/cm^3	1.19 g/cm^3	1.18 g/cm^3	1.12 g/cm^3	1.12 g/cm^3	N/A
Tensile Strength	ASTM D638	37-47 MPa	29-37 MPa	40-50 MPa	0.2-0.4 MPa	0.2-0.4 MPa	N/A
Tensile Modulus	ASTM D638	1000-1600 MPa	600-1100 MPa	1000-1600 MPa	0.27-0.43 MPa	0.27-0.43 MPa	N/A
Elongation at Break	ASTM D638	7-16 %	11-21 %	9-18 %	160-230 %	160-230 %	N/A
Flexural Strength	ASTM D790	59-69 MPa	44-60 MPa	73-83 MPa	N/A	N/A	N/A
Flexural Modulus	ASTM D790	1400-2000 MPa	900-1500 MPa	1700-2300 MPa	N/A	N/A	N/A
Impact Strength (Notched Izod)	ASTM D256	29 J/m	26 J/m	26 J/m	N/A	N/A	N/A
Shore A Hardness	ASTM 2240	N/A	N/A	N/A	28-32	28-32	N/A
Shore D Hardness	ASTM 2240	77-80	77-80	77-80	N/A	N/A	N/A
Water Absorption	ASTM D570 24 hr	0.5%	0.5%	0.5%	0.9%	0.6%	N/A
Heat Distortion Temperature @ 0.45 MPa	ASTM D648	52 °C	48 °C	54 °C	N/A	N/A	N/A
Heat Distortion Temperature @ 1.82 MPa	ASTM D648	46 °C	43 °C	47 °C	N/A	N/A	N/A
Melting Point		N/A	N/A	N/A	N/A	N/A	60 °C
Softening Point		N/A	N/A	N/A	N/A	N/A	40 °C
Printer Compatibility		ProJet MJP 2500 ProJet MJP 2500 Plus	ProJet MJP 2500 ProJet MJP 2500 Plus	ProJet MJP 2500 Plus	ProJet MJP 2500 Plus	ProJet MJP 2500 Plus	ProJet MJP 2500 ProJet MJP 2500 Plus
Description		Rigid White	Rigid Black	Rigid Translucent Clear	Flexible Rubber-like	Flexible Rubber-like	Non-toxic wax material for hands-free melt-away supports

* DISCLAIMER: 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.