

ProJet® MJP 2500 IC

Tool-less 100% wax investment casting pattern production with industrial MultiJet Printing



Projet MJP 2500 IC

Printing Mode	HD - High Definition	
Net Build Volume (xyz)*	11.6 x 8.3 x 5.6 in (295 x 211 x 142 mm)	
Resolution (xyz)	600 x 600 x 600 DPI; 42 μm layers	
Accuracy (typical)**	± 0.004 in/in (± 0.1016 mm/25.4 mm) of part dimension across printer population ± 0.002 in/in (± 0.0508 mm/25.4 mm) of part dimension typical for any single printer	
Volumetric Print Speed	1 Lane 12.5 in³/hour (205 cm³/hour) 2 Lanes 12.1 in³/hour (199 cm³/hour) 3 Lanes 11.6 in³/hour (189 cm³/hour)	
Build Material	VisiJet® M2 ICast	
Support Material	VisiJet® IC SUW	
Material Packaging Build Material	In clean 2.87 lbs (1.3 kg) bottles (printer holds up to 2 with auto-switching)	
Support Material	In clean 2.87 lbs (1.3 kg) bottles (printer holds up to 2 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)	
Weight 3D Printer Crated 3D Printer Uncrated	716 lb (325 kg) 465 lb (211 kg)	
3D Sprint™ 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	
Internal Hard Drive Capacity	500 Gb minimum	
Connectivity	Network ready with 10/100/1000 base ethernet interface USB port	
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, MJPDDD	
Operating Temperature Range	Optimal 64-75 °F (18-24 °C), not to exceed 82 °F (28 °C)	
Operating Humidity	30-70 % relative humidity	
Noise	< 65 dBa estimated (at medium fan setting)	
Certifications	CE, UL, EAC, KCC and FCC	

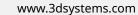
^{*} Maximum part size is dependent on geometry, among other factors.

^{**} Across printer variation can be reduced to equal single printer variation via user calibration.

Accuracy may vary depending on build parameters, part geometry and size, part orientation, and post-processing.



Properties	Condition	VisiJet M2 ICast	VisiJet M2 IC SUW
Composition		100% Wax	Wax Support Material
Color		Green	White
Bottle Quantity		1.3 kg	1.3 kg
Density @ 80 °C (liquid)	ASTM D3505	0.80 g/cm³	0.87 g/cm³
Melting Point		61-66 °C	55-65 °C
Softening Point		40-48 °C	N/A
Volumetric Shrinkage, from 40 °C to RT		2 %	N/A
Linear Shrinkage, from 40 °C to RT		0.70 %	N/A
Needle Penetration Hardness	ASTM D1321	12	N/A
Ash Content	ASTM 2584	< 0.05 %	N/A
Printer Compatibility		ProJet MJP 2500 IC	Projet MJP 2500 IC
Description		High resolution, durable casting wax An unfilled paraffin based wax with added resins	Non-toxic wax support material with easy break-away structure and dissolvable hands-free removal





Warranty/Disclaimer: The performance characteristics of these products may vary according to product application, operating conditions, material combined with, or with end use. 3D Systems makes no warranties of any type, express or implied, including, but not limited to, the warranties of merchantability or fitness for a particular use. It is the responsibility of each customer to determine that its use of any Visiglet® 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.

© 2018 by 3D Systems, Inc. All rights reserved. Specifications subject to change without notice. 3D Systems, the 3D Systems logo and VisiJet are registered trademarks and RealWax is a trademark of 3D Systems, Inc.

3DS-52401 Rev A 07-18