

ProJet® MJP 2500 IC

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



Projet MJP 2500 IC

2 Lanes 12.1 in /*Notur (189 cm*/hour)	Printing Mode	HD - High Definition	
Accuracy (typical)" ±0.002 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 sprical for any single printer Volumetric Print Speed 1 Lane 12.5 in/hour (295 cm//hour) 2 Lanes 12.1 in/hour (199 cm//hour) 3 Lanes 12.1 in/hour (189 cm//hour) 4 Visijet* M.Z ICast Visijet* M.Z ICast Visijet* N.Z ICast Visijet* IC SUW Material Packaging Build Material (printer holds up to 2 with auto-switching) In clean 2.87 lbs (1.3 kg) bottles (printer holds up to 2 with auto-switching) Electrical 100-127 VAC, 50 Mc 1/2, single-phase, 15A 200-240 VAC, 50 Mc 1/2, single-phase, 15A	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	
Build Material Support Material WisiJet** NZ CSUW Material Packaging Build Material Support Material Material Packaging Build Material Support Material In clean 2.87 lbs (1.3 kg) bottles (printer holds up to 2 with auto-switching) Flectrical In clean 2.87 lbs (1.3 kg) bottles (printer holds up to 2 with auto-switching) Flectrical Diversity of the single-phase, 10A Single C14 receptacle Dimensions (Wx0xH) 3D Printer Crated 3D Printer Uncrated To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle Dimensions (Wx0xH) 3D Printer Uncrated To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle Dimensions (Wx0xH) 3D Printer Uncrated To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle Support Material Dimensions (Wx0xH) 3D Printer Uncrated To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle Vision Hz, single Phase, 10A Support Material To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle Vision Hz, single Phase, 10A Support Material To 16 July 27 W.Z Dolf Hz, single-phase, 10A Single C14 receptacle Vision Hz, single Phase, 10A Single C14 receptacle Single C14 receptacle Single C14 receptacle Single C14 recep	Accuracy (typical)**		
Material Packaging Build Material Support Material In clean 2.87 lbs (1.3 kg) bottles (printer holds up to 2 with auto-switching) In clean 2.87 lbs (1.3 kg) bottles (printer holds up to 2 with auto-switching) Electrical 100-127 VAC, 50/60 k1, single-phase, 15A 200-240 VAC, 50 lbt, single-phase, 15A 200-240 VAC, 50 lbt, single-phase, 15A 3D Printer Crated 3D Printer Crated 3D Printer Crated 3D Printer Uncrated **Ti6 lb (325 kg) 465 lb (211 kg) **Ti6 lb (325 kg) 465 lb (311 kg) **Ti6 lb (325 kg) 465 lb (312 kg) 465 lb	Volumetric Print Speed	2 Lanes 12.1 in³/hour (199 cm³/hour)	
Material Packaging Build Material In clean 2.87 lbs (1.3 kg) bottles (printer holds up to 2 with auto-switching) In clean 2.87 lbs (1.3 kg) bottles (printer holds up to 2 with auto-switching) Electrical 100-127 VAC, 50/66 Nz, single-phase, 15A 200-240 VAC, 50 Hz, single-phase, 10A Single C14 receptacle Dimensions (WXDXH) 3D Printer Crated 3D Printer Crated 3D Printer Uncrated 44.1 x 29.1 x 42.1 in (1120 x 740 x 1070 mm) Weight 3D Printer Uncrated 45 b (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 Sol 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, OB, 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 Noise Support	Build Material	VisiJet® M2 ICast	
In clean 2.87 ibs (1.3 kg) bottles (printer holds up to 2 with auto-switching) Support Material In clean 2.87 ibs (1.3 kg) bottles (printer holds up to 2 with auto-switching) Electrical 100-127 VAC, 50 yCs (1.3 kg) bottles (printer holds up to 2 with auto-switching) Electrical 100-127 VAC, 50 yCs (1.3 kg) bottles (printer holds up to 2 with auto-switching) Electrical 100-127 VAC, 50 yCs (1.3 kg) bottles (printer holds up to 2 with auto-switching) Electrical 100-127 VAC, 50 yCs (1.3 kg) bottles (printer holds up to 2 with auto-switching) Electrical 100-127 VAC, 50 yCs (1.3 kg) bottles (printer holds up to 2 with auto-switching) Electrical 100-127 VAC, 50 yCs (1.3 kg) bottles (printer holds up to 2 with auto-switching) Electrical 100-127 VAC, 50 yCs (1.3 kg) 1	Support Material	VisiJet® IC SUW	
Electrical 100-127 VAC, 50/60 Hz, single-phase, 15A 200-240 VAC, 50 Hz, single-phase, 15A 200-240 VAC, 50 Hz, single-phase, 10A Single C14 receptacle 100-127 VAC, 50/60 Hz, single-phase, 10A 200-240 VAC, 50 Hz, single-phase, 10A Single C14 receptacle 100-127 VAC, 50/60 Hz, single-phase, 10A 200-240 VAC, 50 Hz, single-phase, 10			
Dimensions (WxDxH) 3D Printer Crated 3D Printer Uncrated 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 Double Doubl	Support Material		
3D Printer Crated 3D Printer Uncrated Weight 3D Printer Crated 3D Printer Uncrated To le b (325 kg) 3D Printer Uncrated To le b (325 kg) 465 lb (211 kg) 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 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 Noise	Electrical	200-240 VAC, 50 Hz, single-phase, 10A	
3D Printer Crated 3D Printer Uncrated 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 Femail Notice Capability Yes Internal Hard Drive Capacity 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 Noise	3D Printer Crated		
Part stacking and nesting capability; Extensive part editing tools; Automatic support generation; Job statistics reporting tools F-mail Notice Capability Yes Internal Hard Drive Capacity Source 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 Noise	3D Printer Crated		
Internal Hard Drive Capacity Connectivity Network ready with 10/100/1000 base ethernet interface USB port 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 Noise < 65 dBa estimated (at medium fan setting)	3D Sprint™ Software		
Connectivity Network ready with 10/100/1000 base ethernet interface USB port 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 <a #"="" href="https://www.new.new.new.new.new.new.new.new.new.</th><th>E-mail Notice Capability</th><th colspan=2>Yes</th></tr><tr><th>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 < 65 dBa estimated (at medium fan setting)	Internal Hard Drive Capacity	500 Gb minimum	
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 Noise 465 dBa estimated (at medium fan setting)	Connectivity		
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)	Client Operating System	Windows® 7, Windows 8 or Windows 8.1 (Service Pack)	
Operating Humidity 30-70 % relative humidity < 65 dBa estimated (at medium fan setting)	Input Data File Formats Supported	STL, CTL, OBJ, PLY, ZPR, ZBD, AMF, WRL, 3DS, FBX, IGES, IGS, STEP, STP, MJPDDD	
Noise < 65 dBa estimated (at medium fan setting)	Operating Temperature Range	Optimal 64-75 °F (18-24 °C), not to exceed 82 °F (28 °C)	
	Operating Humidity	30-70 % relative humidity	
Certifications CE, UL, EAC, KCC and FCC	Noise	< 65 dBa estimated (at medium fan setting)	
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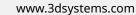
^{*} Maximum part size is dependent on geometry, among other factors.

^{**} 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





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