



MAPTEC
COMPUTER SYSTEMS

MANUFACTURING TOMORROW



3D SYSTEMS®

MultiJet Wax Pattern 3D Printers

High capacity, high speed production of precision
RealWax™ patterns for maximum metal casting efficiency



Benefits of Wax Pattern MultiJet Printing

The ProJet MJP 2500W, 3600W and 3600W Max 3D printers employ MultiJet Printing technology to consistently produce high fidelity, true-to-CAD wax sacrificial patterns, in an office, lab or workshop environment, for precision investment casting.

GET MORE PATTERNS FASTER

Streamline your file-to-part workflow with the advanced 3D Sprint™ software capabilities, fast and versatile MJP print speeds and batch support removal to deliver high quality, ready-to-cast patterns.

UNLOCK YOUR CREATIVITY

Increase geometric freedom without the limitations of hand crafting or tooling to create complex parts that cannot be made traditionally. MJP hands-free post-processing provides complete removal of supports from the tightest spaces without damaging fine feature details.

PERFORMANCE CASTING WAXES

VisiJet® M2 and M3 100% wax materials melt like standard casting waxes, with negligible ash content in casting. They are durable for handling and casting fine features, and the high contrast purple or navy blue colors allow for better detail visualization.

RESULTS YOU CAN TRUST

Produce true-to-CAD patterns with exact, razor-sharp edge and fine feature definition for results you can rely on. Smooth surface and sidewall quality means less expensive hand finishing and faster pattern to part workflow.



JEWELRY / WATCH MANUFACTURING

Printing crisp details on small features and micro-pave settings with verified accuracy and consistency ensures you can achieve the highest level of precision with digital manufacturing of jewelry pieces.



INDUSTRIAL COMPONENTS

With broad applications versatility, print small to medium size intricate patterns for precision mechanical components like turbines, housings and manifolds for the automotive, aerospace, defense and machinery industries.



ART, FASHION AND COLLECTIBLES

Produce series or customized sculptures, figurines, replicas, collectibles and more without tooling design limitations. Achieve exact wall thickness and maximum scoping to reduce precious metal usage with direct patterns production.



MEDICAL DEVICES

Increase flexibility and throughput to develop your business and access digital manufacturing of customized prostheses and series production. Our wax pattern printers make production methods faster, easier and more effective, dramatically reducing lead times.



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ProJet® Wax 3D Printers

Superior quality wax casting patterns,
unmatched throughput

CASTING RELIABILITY

The next generation VisiJet® M2 and M3 CAST 100% wax materials deliver durable patterns for reliable performance and results throughout existing lost-wax casting processes and equipment.

HIGH THROUGHPUT

From fast short run cycle times to high throughput, produce large volume wax patterns up to 10X faster than similar class printers. Improve the casting room efficiency to increase the productivity, precision and possibilities of direct investment casting.

HIGH CAPACITY AND VERSATILITY

With 3.7X or more larger build volume capability than similar class printers for broader applications versatility and 24/7 operation, ProJet MJP wax printers' high productivity means fast amortization and high return on investment.



ProJet MJP 2500W fast and affordable precision wax patterns 3D printer



VisiJet M2 CAST

LOWER COSTS

Eliminate tooling time, costs and geometric limitations, optimize part and labor costs with MJP ease-of-use, automated and efficient process—from file to finished direct casting pattern.

HIGH QUALITY PATTERNS

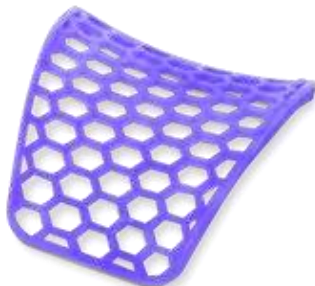
Print sharp edges, extreme crisp details and smooth surfaces with high fidelity, ideal for intricate precision metal parts manufacturing with reduced metal hand polishing.



ProJet MJP 3600W Series high-capacity, high throughput precision wax pattern 3D printer



VisiJet M3 CAST



VisiJet M3 Hi-Cast



	ProJet MJP 2500W	ProJet MJP 3600W	ProJet MJP 3600W Max
Build Envelope Capacity (X x Y x Z)			
HD Mode	-	11.75 x 7.3 x 8 in (298 x 185 x 203 mm)	11.75 x 7.3 x 8 in (298 x 185 x 203 mm)
UHD Mode	-	6 x 7.3 x 8 in (152 x 185 x 203 mm)	11.2 x 7.3 x 8 in (284 x 185 x 203 mm)
XHD Mode	11.6 x 8.3 x 5.6 in (295 x 211 x 142 mm)	6 x 7.3 x 8 in (152 x 185 x 203 mm)	11.2 x 7.3 x 8 in (284 x 185 x 203 mm)
Build Materials	VisiJet M2 CAST – 100% wax	VisiJet M3 CAST and M3 Hi-Cast – 100% wax	
Support Material	VisiJet M2 SUW – Ecofriendly, hands-free dissolvable wax	VisiJet S400 – Eco friendly, hands-free dissolvable wax	
Resolution			
HD Mode	-	375 x 450 x 790 DPI; 32 μ layers	
UHD Mode	-	750 x 750 x 1300 DPI; 20 μ layers	
XHD Mode	1200 x 1200 x 1600 DPI; 16 μ layers	750 x 750 x 1600 DPI; 16 μ layers	
Typical Accuracy	±0.004 in per in (±0.1016 mm per 25.4 mm) of part dimension	±0.001-0.002 in per in (0.025-0.05 mm per 25.4 mm) of part dimension	
Included Software	3D Sprint	3D Sprint	3D Sprint
Standard Warranty	1 year parts and labor, optional 5 year print head warranty	1 year parts and labor, 5 year print head	



Ring printed in VisiJet M2 CAST and cast

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