

50% BETTER RESOLUTION



The ProJet® MJP 300W is the next generation in Multi Jet Printing (MJP) technology, designed to enable flexible, efficient and high-quality 3D printing of jewelry casting patterns. Choose from 4 print modes (QHD, ZHD, XHD & UHD) to match the level of speed, geometric complexity and surface quality required by the design specifications.

HIGH SPEED PRINTING AND QUALITY

The new QHD and UHD print modes deliver an unparalleled level of precision and detail for 3D printing. QHD offers over a 50% resolution increase in all axes, improving surface finish and allowing greater accuracy and design freedom. This has the added benefit of eliminating the need for time consuming and wasteful metal polishing, while the new UHD mode prints 50% faster for further time-savings. Taken together, these modes can take the final output of a 3D printer to a whole new level.

HIGH CAPACITY

The 3D printers that have a 1-3 lane versatile printing capability come with a unique larger build volume capability than the alternative similar class printers, giving them more than a 65% printable space increase. This makes them ideal for users that need a bigger capacity for jobs that require considerable material - like prototyping, fabrication, and manufacturing.

PROFESSIONAL QUALITY

The success of your product depends on the accuracy and attention to detail that you give when constructing prototypes. By using the right materials and techniques, you can create prototypes that look, feel, and perform like finished products right in your own office.

NEW MATERIAL



FASTEST PRINTER



ADVANCED MATERIAL

The VisiJet M2 CAST Real Wax material produces high resolution wax patterns, allowing for better visualization of intricate details with high contrast colors. The VisiJet Wax Jewel Ruby is the new addition to this line of materials, offering the combined benefit of flexible material properties and excellent dimensional stability in areas of high temperature and humidity. With this advanced capability, castings can be produced with a sharp, intricate and consistent detail.



Build Mode	QHD	ZHD	XHD	UHD
Resolution (X, Y & Z)	2000 x 1800 x 2900 DPI	1200 x 1200 x 3200 DPI	1200 x 1200 x 1600 DPI	1200 x 1200 x 1000 DPI
Layer Thickness	8.8 µm	8 µm	16 µm	25 µm
Productivity	1 Lane: 1.7 in ³ /hr 2 Lane: 2.3 in ³ /hr 3 Lane: 2.5 in ³ /hr	1 Lane: 4.6 in ³ /hr 2 Lane: 4.4 in ³ /hr 3 Lane: 4.2 in ³ /hr	1 Lane: 9 in ³ /hr 2 Lane: 8.6 in ³ /hr 3 Lane: 8.2 in ³ /hr	1 Lane: 14.6 in ³ /hr 2 Lane: 14.1 in ³ /hr 3 Lane: 13.5 in ³ /hr
Time for 1 in/2.54cm height:	1 Lane: 22 hr 2 Lane: 31 hr 3 Lane: 40 hr	1 Lane: 8 hr 2 Lane: 16 hr 3 Lane: 24 hr	1 Lane: 4 hr 2 Lane: 8 hr 3 Lane: 12 hr	1 Lane: 2.5 hr 2 Lane: 5 hr 3 Lane: 7.5 hr

VISIJET® CASTING WAXES

These materials melt at lower temperatures than conventional waxes, producing molten wax without ash or residue. Furthermore, the waxes do not require finishing with a paraffin wax sealant. As a result of these advantages, VisiJet® 100% wax materials are frequently used in investment casting processes. This wax is the preferred material for Jewelry and Orthopedic casting applications because it allows for a much cleaner and smoother surface, increased accuracy, and a higher quality surface finish.

VISIJET M2 CAST

M2 Cast Material for Jewelry is an exciting new product for jewelry makers looking for a unique and premium supply for their project. It is a lightweight, highly durable, easy-to-use material perfect for a range of designs and styles, and is suitable for both professional and hobbyist jewelry makers.



VISIJET WAX JEWEL RED

The use of filigree casting designs to produce some of the most intricate jewelry pieces has been around for centuries. However, modern technology has made the process more efficient and offers added support for stone-in-place casting. This additional layer of durability and flexibility in the process opens up an entire world of new possibilities for 3D wax printing.



VISIJET WAX JEWEL RUBY**

With its durability and flexibility, VisiJet Wax Jewel Ruby pattern material can support casting processes with high quality and surface finish for a variety of design styles and techniques. It provides designers the flexibility to customize wax patterns and open the door for new creative possibilities.

