

# **Jewellery** has no boundaries, so does our **Technologies !**







# **3D** SYSTEMS

## ProJet MJP 300W

#### Flexible, Fast, and high-quality jewelry wax patterns 3D Printer.

- 294 x 211 x 144mm large platform for production.
- 4 different printing modes to optimize surface quality and productivity.
- Ultra-fast printing speed with
   UHD mode (25 μm).
- Highest resolution with ZHD mode (8 μm).
- High fidelity patterns you can rely on including fine feature definition and sharp edges.

#### **Technical Specifications**



Resolution (XYZ)	XHD Mode :- 1200 x 1200 x 1600 DPI (16 μm) ZHD Mode :- 1200 x 1200 x 3200 DPI (8 μm) QHD Mode :- 2000 x 1800 x 2900 DPI (8.8 μm) UHD Mode :- 1200 x 1200 x 1000 DPI (25 μm)	
Build Material	VisiJet M2 Cast & VisiJet Jewel Red Wax - 100% Wax	
Support Material	VisiJet M2 SUW - Eco friendly, hand-free dissolvable wax	
Support Structure	Auto Generated dissolvable wax supports	
Included Software	3D Sprint for Auto arrange and build preparation	
Warranty	1 Year Part and Labour Warranty	



# **3D** SYSTEMS

## ProJet MJP 2500W Plus

# High throughput production of pure wax jewelry patterns for lost wax casting.

- 100% Real Wax 3D Printer.
- 294 x 211 x 144mm large platform for production.
- Up to 25% faster printing speed with XHD mode (16 μm).
- Highest resolution with **ZHD mode (8 μm)**.
- No shrinkage & 100% weight consistency in same repetitive wax output.
- Unlimited Design Freedom.



#### **Technical Specifications**

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Support Material	VisiJet M2 SUW - Eco friendly, hand-free dissolvable wax		
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# 3D SYSTEMS

### **ProJet MJP 2500W Plus Materials**

#### ProJet MJP 2500W Plus Customer will now have 2 Options for Printing their Jewelry Wax Patterns.

#### VisiJet Wax Jewel Red



- Offers clean burnout with no ash content.
- Stone in place casting possible.
- Fine mesh and filigree design jewelry casting.
- Allows for fine featured designs with filigree or mesh patterns.
- Increased flexibilty over traditional casting waxes.



- Allows for easy fine details visualization.
- Heavier and also used for non jewelry patterns.
- Better when features are braced or over 1mm.
- Delivers durable, high quality patterns for reliable performance.
- Jewelry patterns with minimal varying thickness.

#### **Technical Specifications**

Property	Jewel Red	M2 Cast	Injection Molded Wax
Softening Point °C	43 - 47	40 - 48	(20.2*) 43
Melting Point °C	62 - 63	61 - 66	64
Ash Content	0.00%	0.005%	<0.001%
Needle Penetration	14	12	3 – 15
Volumetric Shrinkage (40 to 23°C)	1.7%	1.6%	<1.0%
Linear Shrinkage (40 to 23°C)	0.58	0.52	**



# 650+ 3D Printer installations pan-India

#### **Head Office**

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