



DEMI X 5000™

Automated Resin Removal Solution

The PostProcess® DEMI X 5000 is the next generation of automated resin removal for large format SLA print technologies designed to increase productivity, safety, and sustainability. This solution integrates advanced software, hardware and proprietary chemistry to achieve optimal resin cleaning, making it a game-changer in high-volume applications.

- **Increased productivity**

Designed to process large SLA build parts in 10 minutes or less for significant labor time savings.

- **Full software integration**

AUTOMAT3D® digital platform allows for full customization, recipe storage and repeatability with one-touch operation.

- **Enhanced safety**

Resin removal chemistry offers an exceedingly safer flashpoint and increased longevity compared to IPA and other solvents.

- **Increased throughput**

Dual agitation flow delivers both vertical and horizontal vortex for superior resin removal.

- **Repeatable results**

With a responsive and intuitive AUTOMAT3D® software, DEMI X 5000 achieves reliable and consistent results even with complex parts.

- **Optimal sustainability**

Improves sustainability efforts with 10x reduced waste generation compared to IPA.

Software features:

- AUTOMAT3D® intelligent software platform.
- Hands-free cycle times through programmable recipes.
- Proprietary Agitation Algorithms.
- Automatic load/unload sequence.

Hardware features:

- Vertical and horizontal agitation flow
- Adjustable tilt mechanism aids detergent flow
- Fully enclosed chamber
- Adjustable arms and spring-loaded claws for easy transfer of build plate

DEMI X 5000 Product Specifications

Electrical Requirements:	US 240 Volt, 30 Amp, 3-Phase EU 230 Volt, 30 Amp, 3-Phase
Envelope Capacity:	35" L x 35" W x 25" H (89 x 89 x 63.5 cm)
Lift Capacity:	200 lbs (90kg)
Consumables Used:	PLM-403-SUB
Consumables Capacity:	275 gallons (1,041 liters)
Machine Dimensions:	Doors Closed: 94" L x 42.6" W x 84.5" H (239 x 108 x 215 cm) Doors Open W/ Light: 132" L x 92" W x 99.5" H (336 x 233 x 253 cm)
System Weight:	Empty: Approx. 2,073 lbs (940 kg) Full: Approx. 4,370 lbs (1,982 kg)
System Warranty:	12 months on-site service and support, as per PostProcess Technologies conditions of sale.
Environmental Requirements:	Temperature range: 5-40°C (41-104°F) Relative humidity: 0-80%
Software:	AUTOMAT3D Windows 10
Regulatory Conformity:	CE, SGS
Features & Options:	Dual agitation flow for superior resin removal / Adjustable tilt mechanism / Customizeable settings with recipe storage / Detergent up to 10X longevity over IPA
Safety Features:	Emergency stop / Auto power down / Safety interlocked door
Connectivity:	USB Port: USB 3.1 Ethernet: Fully compliant with IEE 802.3, IEEE 802.3u, IEEE 802.3ab
Material Compatibility:	All Vat Photopolymerization resins including rigid, elastomeric, high-temperature and composite filled resins
Printer Compatibility:	Designed for all large format printers including those from Stratasys, 3D Systems, UnionTech, and others.

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