

DEMI 4100™ | Automated Resin Removal Solution



The PostProcess™ DEMI 4100, part of our Submersed Vortex Cavitation (SVC) technology portfolio, enhances post-processing efficiencies for large format resin print technologies. This solution integrates advanced software, hardware, and proprietary chemistry to achieve optimal resin removal, making it a game-changer in high-volume applications.

Increased productivity

Achieve fast processing speeds to deliver 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

DEMI 4100 can seamlessly process large part sizes or large builds with many smaller-sized parts, enabling high volume production.

Repeatable results

With a responsive and intuitive AUTOMAT3D® software, DEMI 4100 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:

- Simple touchscreen interface.
- Large platform and automated lift to handle large format resin printers.

Product Specifications

Electrical Requirements:	US 240 Volt, 60 Hz, 3-Phase EU 230 Volt, 50 Hz, 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:	265 gallons (998 liters)
Machine Dimensions:	Doors Closed: 89" L x 51" W x 89" H (226 x 130 x 227 cm) Doors Open: 155" L x 104" W x 103" H (394 x 264 x 261 cm)
System Weight:	Empty: Approx. 2,730 lbs (1,238 kg) Full: Approx. 5,100 lbs (2,313 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:	Customizable settings with recipe storage capability / Ability to clean parts and trays simultaneously / Up to 10X longevity over IPA / Flashpoint over 200°F / 93°C
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.