

DEMI X 520

For Resin Removal



PostProcess® continues to advance additive manufacturing support removal with the new DEMI X 520 for Resin Removal™.

As the industry's only full-stack solution, it extends the PostProcess Submersed Vortex Cavitation™ portfolio by introducing our new Axial Flow Technology™ combined with our game-changing chemistry and customized AUTOMAT3D® software.

Customized Software Controls:

Resin removal software and features guide users through processing requirements, including time, temperature, and agitation for their particular application. These tailored experiences create a seamless, efficient, and error-free operation.

Hardware Innovation and Fixtures Ensure Optimal Resin Removal & Safety:

- Automated parts lift protects parts from over-exposure to chemistry and contributes to operator safety.
- Specific resin removal fixtures ensure optimal part processing regardless of processing parts directly on the build platform or batch processing off-platform.
- Axial Flow Technology ensures uniform chemistry exposure to finish parts.

Additive-Formulated Chemistry for Isopropyl Alcohol (IPA) Free Processing:

- Enhances safety for employees thanks to higher flashpoints:

PLM-403-SUB Flashpoint: 220°F / 104.4°C AUX-400-RINSE Flashpoint: 102°F / 38.8°C	vs. IPA Flashpoint: 53°F / 11°C
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- Biocompatible PLM-403-SUB detergent ensures effective resin removal, with most cycles completed in <10 minutes.
- AUX-400-RINSE as a final rinse step eliminates the need to use IPA in your resin removal workflow.

PRODUCT SPECIFICATIONS

SIZE AND WEIGHT	• Envelope: 14" L x 14" W x 15" H 36 cm x 36 cm x 38 cm • Tank Capacity: 24 Gal/91 L • Machine Footprint: 32" L x 25" W x 67" H (82 cm x 64 cm x 170 cm) • Approx. Weight: 325 lbs empty / 147kg 525 lbs full / 238 kg
ELECTRICAL	• US: Power: 120V, 60Hz Connector: NEMA 5-15P, Axial agitation; includes heater • EU: Power: 230V, 50Hz Connector: CEE 7 / 7 Axial agitation; includes heater
SAFETY	• Emergency stop • Safety enclosure with door sensor • Certifications: 