

DEMI X 520

for Resin Removal

RESIN REMOVAL

Sales & Specification Summary

THE WORLD'S ONLY IPA-FREE RESIN REMOVAL WORKFLOW

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

The DEMI X 520 for Resin Removal offers new hardware features to deliver unparalleled consistency.

- 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

The DEMI X 520 for Resin Removal Solution features a combination of PLM-403-SUB detergent used in the hardware, followed by a rinse step in a sample of AUX-400-RINSE with provided sample container.

- 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°Cvs. IPA Flashpoint: 53°F / 11°C
- 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:

