

# 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°C
 vs. 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<br>36 cm x 36 cm x 38 cm<br>Tank Capacity: 24 Gal/91 L |
| Machine Footprint | 32" L x 25" W x 67" H<br>82 cm x 64 cm x 170 cm                              |
| Approx. Weight    | 325 lbs empty / 147kg<br>525 lbs full / 238 kg                               |

### ELECTRICAL

|    |  |
|----|--|
| US | Power: 120V, 60Hz<br>Connector: NEMA 5-15P<br>Axial agitation; includes heater |
| EU | Power: 230V, 50Hz<br>Connector: CEE 7 / 7<br>Axial agitation; includes heater  |

### SAFETY

- Emergency stop
- Safety enclosure with door sensor
- Certifications:

