

# DEMI 800™ Series

(Formerly DEMI)

## SUPPORT & RESIN REMOVAL



The PostProcess™ DEMI 800™ Series leverages our proprietary patented Submersed Vortex Cavitation technology for revolutionary post-printing efficiencies; combining software, hardware, and chemistry features for optimal resin and support removal.

- AUTOMAT3D® intelligent software control of energy sources and simplified machine operation.
- Vortex pumping scheme ensures uniform chemistry exposure to finishes parts with unprecedented consistency.
- Precision control over temperature and ultrasonic-generated cavitations for accelerated process times.
- Variable energy output to adapt to material and geometry needs results in reduced damage.

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|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SOFTWARE FEATURES</b>          | <ul style="list-style-type: none"> <li>• Variable temperature: 86-145°F / 30 – 63°C</li> <li>• Programmable cycle time</li> <li>• Proprietary Agitation Algorithms</li> <li>• Recipe storage and recall</li> <li>• Preventative maintenance features</li> </ul>                                                                             |
| <b>HARDWARE FEATURES</b>          | <ul style="list-style-type: none"> <li>• Stainless steel envelope</li> <li>• Hinged envelope lid</li> <li>• Process drain rack</li> <li>• Magnetically driven pump</li> <li>• Multi-configuration fixture</li> <li>• Casters for easy installation</li> </ul>                                                                               |
| <b>MATERIALS AND TECHNOLOGIES</b> | <ul style="list-style-type: none"> <li>• <b>Resin Removal:</b> SLA, DLP, CLIP</li> <li>• <b>Support Removal:</b> FDM, POLYJET</li> </ul>                                                                                                                                                                                                    |
| <b>SIZE</b>                       | <ul style="list-style-type: none"> <li>• <b>Envelope:</b> 18" L x 18" W x 18" H<br/>46 cm x 46 cm x 46 cm</li> <li>• <b>Footprint:</b> 34.75" L x 43.5" W x 59.75" H<br/>88 cm x 110 cm x 152 cm</li> <li>• <b>Weight:</b> 700 lbs / 318 kg empty, 1000 lbs / 454 kg full</li> </ul>                                                        |
| <b>CONSUMABLES</b>                | <ul style="list-style-type: none"> <li>• <b>Capacity:</b> 40 Gallons / 151 Liters</li> <li>• <b>Detergent:</b> PLM-101-SUB for Polyjet, PLM-201-SUB for FDM, PLM-403-SUB for Plastic Resins, PLM-501-SUB for Elastomeric Resins</li> </ul>                                                                                                  |
| <b>SAFETY FEATURES</b>            | <ul style="list-style-type: none"> <li>• Emergency stop</li> <li>• Auto power down</li> <li>•  </li> </ul>                                                            |
| <b>ELECTRICAL - NORTH AMERICA</b> | <p><b>DEMI 800 MODEL</b><br/>120V, 20A, Connector: NEMA L5-20P</p> <p><b>DEMI 830-120V MODEL</b><br/>120V, 20A, Connector: NEMA L5-20P<br/>Dual agitation; includes heater &amp; 1,000 W ultrasonics</p> <p><b>DEMI 830-240V MODEL</b><br/>240V, 20A, Connector: ABB332P6W<br/>Dual agitation; includes heater &amp; 1,750 W ultrasonic</p> |
| <b>ELECTRICAL - EUROPE</b>        | <p><b>DEMI 830-230V MODEL</b><br/>230V, 20A, Connector: ABB332P6W<br/>Dual agitation; includes heater &amp; 1,750 W ultrasonics</p>                                                                                                                                                                                                         |