



# DEMI X 520™ for Dental PolyJet

*Automated PolyJet Support Removal Solution for Dental*

When precision and efficiency matter most, the PostProcess® **DEMI X 520 for Dental PolyJet** sets a new standard in automated post-processing for PolyJet support removal. Engineered to deliver unparalleled results, this innovative full-stack solution combines cutting-edge technology, intelligent software, and specially formulated chemistry to optimize your dental lab's post-printing workflow.

- **Fast processing speeds**

With a 2 minute operator time and batch processing of hundreds of parts, you can achieve significant labor time savings and minimize lab technician time.

- **Reduced manual labor**

Minimize manual labor and operator error with automated cleaning, providing high-quality and consistent results every time.

- **Enhanced safety**

Automated lift and safety enclosure ensures uniform chemistry exposure for PolyJet support removal, providing maximum technician protection.

- **Increased throughput**

DEMI X 520 can seamlessly process large dental batch sizes, enabling high volume production, with hundreds of parts processed in a single cycle.

- **Repeatable results**

Axial Flow Technology™ allows for adjustable flow, reducing the risk of part damage to guarantee consistent results, even with complex dental parts.

- **Full software integration**

AUTOMAT3D® digital platform allows for full customization, recipe storage and automation with one-touch operation.

## Software features:

- AUTOMAT3D intelligent software platform
- Hands-free cycle time
- Programmable, repeatable recipes
- Time, temperature & agitation customization

## Hardware features:

- Simple touchscreen interface
- Automated lift system
- PolyJet dental specific fixture
- Uniform chemistry exposure with Axial Flow Technology

## DEMI X 520 for Dental PolyJet Product Specifications

<b>Electrical Requirements:</b>	US   120 Volt, 60 Hz, 3-Phase EU   230 Volt, 50 Hz, 3-Phase
<b>Envelope Capacity:</b>	14" L x 14" W x 15" H (36 x 36 x 38 cm)
<b>Lift Capacity:</b>	10 lbs (4.5 kg)
<b>Consumable Used:</b>	PLM-101-SUB
<b>Consumable Capacity:</b>	24 gallons (91 liters)
<b>Machine Dimensions:</b>	Door Closed: 32" L x 25" W x 67" H (82 x 64 x 170 cm) Door Open: 54.6" L x 28.9" W x 67.8" H (139 x 73 x 172 cm)
<b>System Weight:</b>	Empty: Approx. 325 lbs (147 kg) Full: Approx. 525 lbs (238 kg)
<b>System Warranty:</b>	12 months on-site service and support, as per PostProcess Technologies conditions of sale.
<b>Environmental Requirements:</b>	Temperature range: 60°F to 80°F (15°C to 27°C) Relative humidity: 0% to 80%
<b>Software:</b>	AUTOMAT3D Windows 10
<b>Regulatory Conformity:</b>	CE, SGS
<b>Features &amp; Options:</b>	Customizable settings with recipe storage capability / Ability to clean parts and trays simultaneously on or off platform
<b>Safety Features:</b>	Emergency stop / Safety enclosure with door sensor
<b>Connectivity:</b>	USB Port: USB 3.1 Ethernet: Fully compliant with IEE 802.3, IEEE 802.3u, IEEE 802.3ab
<b>Material Compatibility:</b>	Effectively removes SUP7111, SUP705, SUP706, SUP710 support material
<b>Printer Compatibility:</b>	Stratasys J3 DentaJet, J5 DentaJet, DentaJet XL

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