



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

Dual Axial Flow Technology™ ensures symmetrical 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

Electrical Requirements:	US 120 Volt, 60 Hz, 1-Phase EU 230 Volt, 50 Hz, 1-Phase
Envelope Capacity:	14" L x 14" W x 15" H (36 x 36 x 38 cm)
Lift Capacity:	10 lbs (4.5 kg)
Consumable Used:	PLM-101-SUB
Consumable Capacity:	24 gallons (91 liters)
Machine Dimensions:	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)
System Weight:	Empty: Approx. 325 lbs (147 kg) Full: Approx. 525 lbs (238 kg)
System Warranty:	12 months on-site service and support, as per PostProcess Technologies conditions of sale.
Environmental Requirements:	Temperature range: 60°F to 80°F (15°C to 27°C) Relative humidity: 0% to 80%
Software:	AUTOMAT3D Windows 10
Regulatory Conformity:	CE, SGS
Features & Options:	Customizable settings with recipe storage capability / Ability to clean parts and trays simultaneously on or off platform
Safety Features:	Emergency stop / Safety enclosure with door sensor
Connectivity:	USB Port: USB 3.1 Ethernet: Fully compliant with IEE 802.3, IEEE 802.3u, IEEE 802.3ab
Material Compatibility:	Effectively removes SUP7111, SUP705, SUP706, SUP710 support material
Printer Compatibility:	Stratasys J3 DentaJet, J5 DentaJet, DentaJet XL

DEMI X 520 for Dental PolyJet Fixture



**MAC2158
Basket Fixture**



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