



September 2025 Newsletter

Follow us on LinkedIn



RECENT NEWS

Live Injection Molding using ceramic mold inserts on an Exhibit Floor

This past month, Axtra3D achieved a notable first:

Injection-molded polypropylene parts were produced directly on the at J-DAMMIT exhibit floor.

No machining, no sintering of the inserts needed.

This is a clear proof point of the quality, precision, and reliability of Axtra3D's approach using High-speed SLA.

A ceramic mold insert, printed in just 2 hours for a cost of under \$200 on the LumiaX1 using Hi-Speed SLA and UltraCure 3280 material from Forward AM, was mounted directly into a press and run on a benchtop injection molding machine.

The result?

Consistent polypropylene parts produced at a regular cadence, parts that we were proud to hand directly to visitors.

Ceramic mold inserts printed with Axtra3D's LumiaX1 open a new path for manufacturers, enabling fast, flexible, and cost-effective low-volume production, while reducing barriers to innovation in mold design.

Missed seeing it live? Watch the full recording below!

[VIEW PRINTING PROCESS](#)

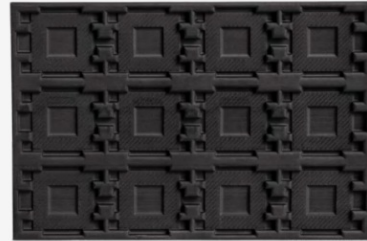
[VIEW MOLDING PROCESS](#)

Protolabs Adds ESD Offering to their Aextra Solution



Advanced Photopolymer

ESD Black (Loctite 3380)



This material is a high-temperature resistant resin with electrostatic dissipating (ESD) capabilities and high stiffness. Pairing it with our HPS technology results in parts that are very smooth, have an impressive chemical resistance, and a high heat deflection temperature (HDT) of 374F (190C).

We are excited to announce that Protolabs has added the ESD offering to their Hi-Speed SLA HPS platform from Aextra3D.

An Aextra Solution™.

Within a span of 18 months, Protolabs has moved to multiple LumiaX1 printers, and 3 different Aextra Solutions.

The Loctite 3D IND3380 material is a high-temperature resistant resin with electrostatic dissipating capabilities and high stiffness.

Pairing it HPS technology results in parts that are very smooth, have an impressive chemical resistance, and a high HDT of 374F (190C).

A true testament to the LumiaX1's high precision, rapid print throughput, and expansive 19.4 in. (495 mm) print size.

[LEARN MORE](#)

Optimize Your Workflow with the Aextra.HS

The Aextra.HS is a purpose-built accessory designed to support efficient management of Aextra.VAT resin tanks used with the Lumia X1. Engineered to simplify key post-processing tasks, the Aextra.HS facilitates easy resin removal, filtration, and cleaning, helping maintain both your Aextra.VAT tanks and TruLayer Membranes for consistent, high-quality performance.

Whether you're new to the platform or simply looking to streamline your process, the

Axtra.HS is an essential addition to your workflow.



[LEARN MORE](#)

Coming Soon: Formnext 2025!

After last years insightful and engaging conversations, we are looking forward to reconnecting with you all at Formnext 2025. Stop by and see us at Hall 11.1, Booth C41, or reach out to us directly to get more info on what exciting concepts we'll be bringing with us this year!



[LET US KNOW YOU'LL BE THERE](#)

[CONTACT AXTRA3D](#)



START YOUR EVALUATION

RESOURCES



LUMIA X1

HPS TECHNOLOGY

MATERIALS



Phone: 888-315-5103

Axtra3D
5510 77 Center Drive
Suite 150
Charlotte, NC 28217 US

[Unsubscribe](#) | [Update Profile](#) | [Constant Contact Data Notice](#)



Try email marketing for free today!