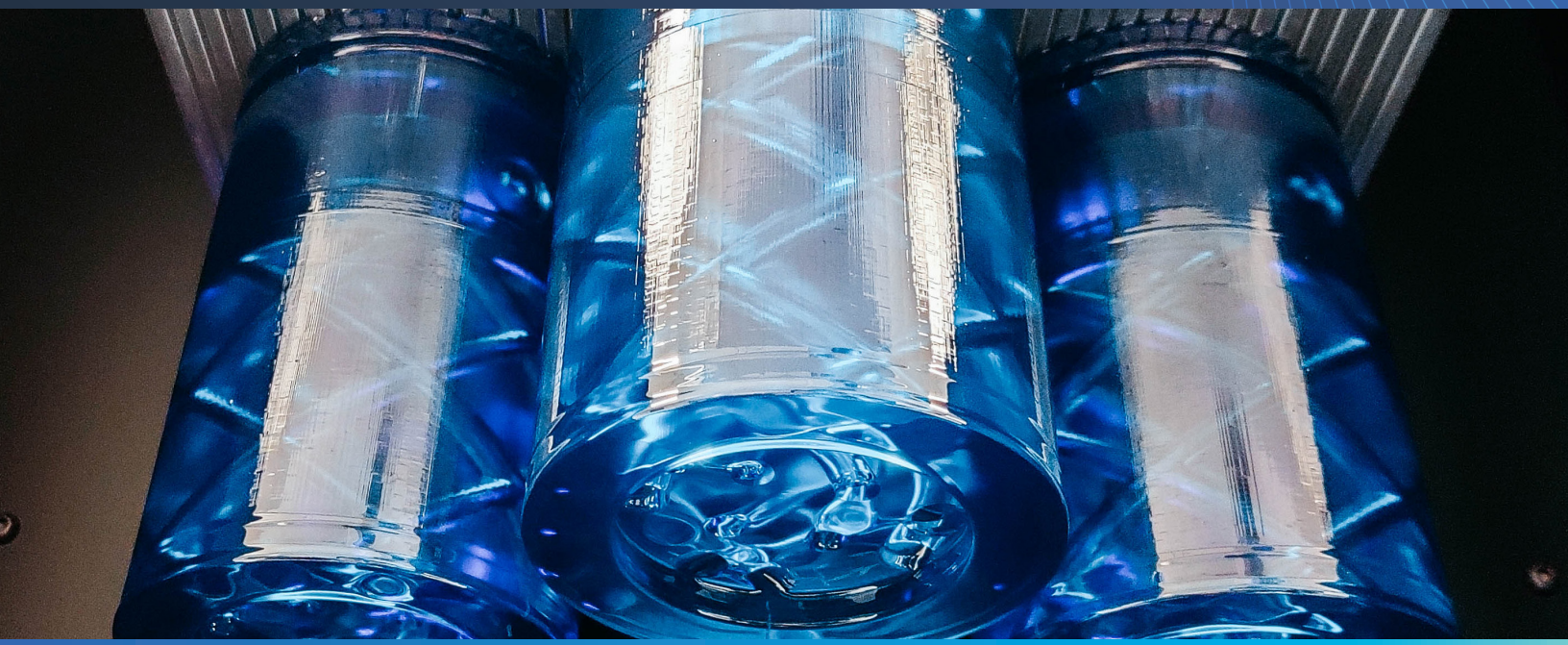
Digital Tooling for Injection Molding

Combining design freedom of 3D printing with final production materials of injection molding

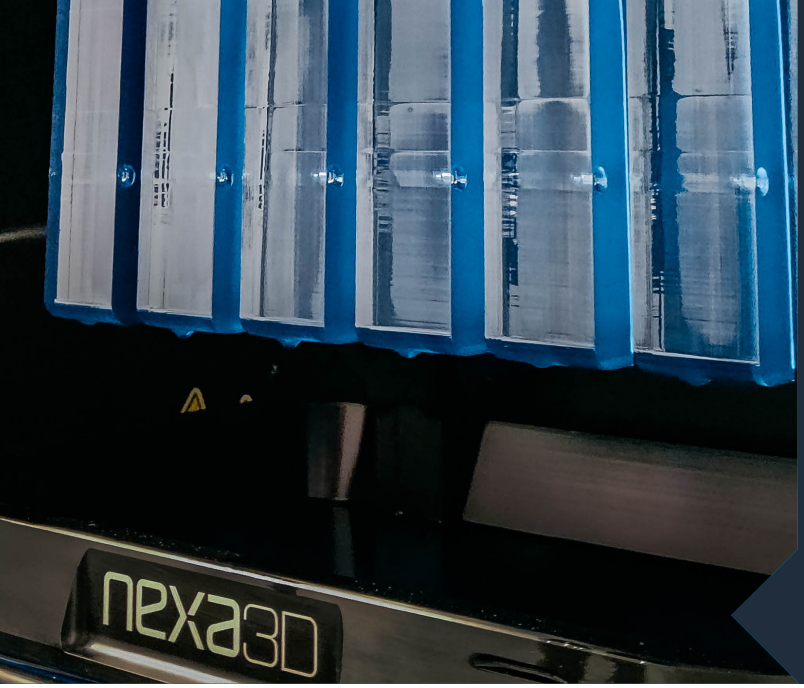


Ultrafast Tooling
powered by xMOLD resin

The patented Freeform Injection Molding (FIM) process uses xMOLD resin to print injection molding tools that are compatible with thousands of off-the-shelf injection molding materials, including reinforced high-performance feedstocks. The ability to design, iterate, and validate using final grade production materials is invaluable in any product development process.

Dissolvable Tooling
powered by xMOLD resin

The FIM process is unique in offering fully soluble tooling, enabling new design freedom and eliminating the need for time consuming design and gating considerations typically associated with conventional tooling. You can quickly design and print tools for highly complex parts, inject with injection molding feedstock, and then dissolve away the tool to reveal the complex shape underneath.



CAD to Tool in Hours

Combining the speed and throughput of Nexa3D's LSPc printers with the flexibility of xMOLD resin, you can go from design to complex tool in a matter of hours. Accelerate your design cycles, slash your R&D costs, and get to market faster with digital tooling from Nexa3D.

Desktop Solution

XiP Desktop 3D Printer
+ Demolding Station

The complete package for low-volume tool production on your desktop.

Desktop Package:

- XiP Printer
- XiP Wash + Cure station
- Desktop Demolding Station
- xMOLD Resin 5 kg
- Freeform mold generator software, 1-year

Industrial Solution

NXE 400Pro Industrial 3D Printer
+ Demolding Station

Industrial package for scaled production of reusable and dissolvable tooling.

Industrial Package:

- NXE 400Pro Printer
- xWash
- xCure
- Demolding Station
- xMOLD Resin 10kg
- Freeform mold generator software, 1-year

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Learn more