

Neo



Meet the Neo® – Proven stereolithography 3D printing technology

The Neo 3D printer is designed for building 3D models using the stereolithography (SL) technique, a form of 3D printing technology for prototypes, rapid tooling and master patterns that builds parts layer by layer.

What is stereolithography?

The stereolithography process uses a vat of liquid UV-curable photopolymer resin and a UV laser to build parts one layer at a time.

Using the photopolymerization process, light causes chains of molecules to link together, forming polymers that make up the body of a three-dimensional solid. Models are produced from 3D scans and CAD designs and then sent to print.

Many industries are investing in stereolithography (SL) 3D printing technology for industrial-scale manufacturing, due to the time and cost savings achieved via 3D printing, compared to traditional manufacturing methods.

Highly accurate part sidewall quality and detail

Build complex parts with smooth finishes, thanks to exceptional layer to layer scan repeatability.

Reduction in lead times, improving time to market

SL technology's curing speeds build parts faster and more accurately, reducing the need for post-processing, which saves time and costs.

Complete design freedom, quick iterations

Parts can be customized with complex, intricate designs that can be quickly reiterated and reprinted if changes are required.

Variety and range of SL materials

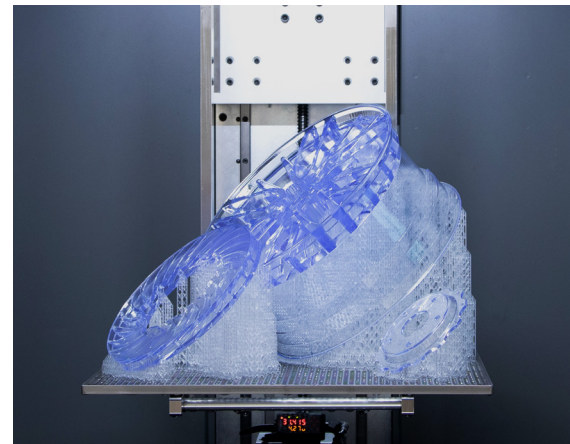
SL allows users to produce parts for a range of applications that require different properties, all from one technology.

Reduced reliance on global supply chains

3D printing offers users the ability to localize manufacturing, instead of relying on overseas supply chains to get product to market, reducing organizations' carbon footprint, logistics and storage costs and creating more local jobs.



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Produce highly accurate parts with unparalleled industry quality.