

COMPANY INTRODUCTION

1. Hardware, software & resins.
2. Accuracy, speed & cost-effectiveness.
3. Training, services & support

PRODUCTS

All atum3D products are comprised of our proprietary hardware, software and the third-party resin that best fits your application. Based on the assessment of your intended use, material requirements and existing infrastructure, atum3D combines in-house expertise to create your optimal solution for 3D manufacturing excellence.



HARDWARE

DLP Station range | Cleaning Station | Curing Station | Finishing Toolkit

- Superior Digital Light Processing (DLP) 3D printers with purpose-built light sources, available in versions with different wavelengths and resolutions.
- High-power light sources result in best-in-class build speeds.
- Unparalleled accuracy and surface finishing thanks to atum3D proprietary algorithms.
- Industrial grade consumables with maximum ease-of-use.
- Resin Tray with high chemical resistance features proprietary coating that prevents parts from sticking.
- Self-Traversing Integrated Resin Homogeniser (STIRH) actively agitates the resin as required, resulting in parts being produced with consistent material properties (available on selected models).

HARDWARE - continuation

- Intuitive touch screen control and connectivity options.
- Automated post-processing tools to finish parts fast and easy.
- Cost-effective – midrange investment, affordable consumables and low running costs.

SOFTWARE

Operator Station | DLP Station Firmware

- Efficient print job preparation using Operator Station with MAGS AI – select the most important surface to keep it support-free; MAGS AI automatically orientates the part and generates only the necessary supports.
- Fill the Build Platform in the most efficient way with a single click.
- Print Quality settings allow selecting the balance between speed and level of detail for every print job.
- Surface Smoothness Optimisation (SSO) offers an intelligent fill option that eliminates stair-stepping effects.
- Online resin catalogue contains print settings for many different resins and is automatically updated.
- One-to-many management – operate multiple DLP Stations from a single workstation.

RESINS

Wide range of third party resins with diverse properties

- Open platform, use any available third party resins.
- Specialty resins with properties tailored to a specific application.
- Medical-grade resins for healthcare use.

SERVICES

atum3D is committed to let you benefit from our expertise in every possible way. Our support doesn't end on delivery. Training and support are available to make your life easy. If you're looking to push the boundaries and create new standards together, the Tolerance Tuning or Material R&D services have been created just for you.

Team up with atum3D and become a part of the next industrial revolution!

3D MANUFACTURING EXCELLENCE
End-to-end application solutions are here!

Learn more on our website www.atum3d.com or follow us on [LinkedIn](#)

