



SCIENCE & RESEARCH EXCELLENCE

1. Open platform.
2. Adaptable.
3. Industrial.

The potential of fast and accurate 3D printing technology reaches far beyond the currently imaginable. One of the most important variables in creating future applications is the development of novel build materials. To this end, scientists and researchers need to be facilitated with a platform that allows using any build material. atum3D introduces the Science & Research Excellence Pack: our first product bundling the latest DLP technology with developer's software and industry-grade consumables with exceptional chemical resistance.

atum 3D

3D Manufacturing Excellence

SCIENCE & RESEARCH EXCELLENCE PACK

This versatile atum3D product includes everything science and research institutes need to start working straight away. Instantly start creating new standards using the open platform hardware and our dedicated developer's software. Accuracy, speed and extensive setting options offer full process control. Explore, test and get results, fast.

WHAT'S INCLUDED?

We've bundled the most popular products and services for science and research to comprise the Science & Research Excellence Pack.

HARDWARE

- **DLP Station 5**
 - » State-of-the-art DLP Station with a purpose-built and exceptionally powerful 405 nm or 365 nm wavelength light source, 50-, 75- or 100-micron resolution, exceptional speed, accuracy and an open material platform.
 - » Thanks to the industrial quality of the anodized aluminum Build Platform and Resin Tray with a very high chemical resistance and atum3D's proprietary coating that prevents models from sticking, you can use virtually all photopolymer materials imaginable.

SOFTWARE

- **Operator Station Developer (single workstation)**
 - » This dedicated Developer version of our Operator Station software allows you to control many more variables than the Professional version for regular users. This way, you can adjust and test different settings and benefit from the full potential of DLP Station 5.
 - » The Pack includes a 1-year license for a single workstation.

CONSUMABLES

- **Starter Kit**
 - » All consumables you need to start working straight away! The Starter Kit includes: Build Platform, Resin Tray, Resin Puller, Resin Curing Flashlight, Spatula, Spray Bottle, Funnel with Filter, Nitrile Gloves.

TRAINING & SUPPORT

- **Operator Training (online)**
 - » We'll kickstart your DLP experience with an interactive training session, explaining how to set up and use our hardware and software.

WE'RE HERE FOR YOU!

At atum3D, we understand that pushing the boundaries of technology sometimes calls for specific solutions. Although we believe our open platform Science & Research Excellence Pack offers an exceptional starting point for research and development, our team is open to requests for support services.

SERVICES

- **Material R&D Service**
 - » Our Material R&D Service was introduced to offer additional support on request. Depending on your requirements, it can serve as a valuable add-on to the Science & Research Excellence Pack. With this service, our extensive experience in Digital Light Processing, both in terms of hardware, software and chemistry, is at your disposal.

YOUR BENEFITS

At the heart of the Science & Research Excellence Pack is our industrial-grade DLP Station, with a powerful light source that allows speed in accurate and consistent repetition. Thanks to our Resin Tray with a very high chemical resistance and proprietary coating that prevents sticking, you can use a wide range of materials. Efficiently prepare for print with the Operator Station Developer edition software, which allows you to control a wide range of variables.

Summarized, your benefits of the atum3D Science & Research Excellence Pack include:

- Build speed of up to 90 mm/hour
- Resin Tray with proprietary coating and a very high chemical resistance
- Industrial quality Build Platform made of anodized aluminum
- Use a very wide range of potential materials with different properties
- Control many of DLP Station's resin lighting variables with the Operator Station Developer edition
- Exceptional accuracy, surface finish and truly round openings
- Create series of parts with production specifications
- Large build platform: create many parts in a single run
- Integral product: includes software and consumables
- Includes training and support from atum3D and selected partners



atum3D strives for 3-fold excellence. With proprietary **software, hardware** and an **open resin platform**, we offer exceptional **accuracy, speed** and **cost effectiveness**. We aim to make your life easy with comprehensive **training, services** and **support**. Team up with atum3D and become a part of the next industrial revolution!

For more information and specifications, please call +31 (0)85 488 26 60 or visit [atum3D.com](https://atum3d.com).

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