



SCIENCE & RESEARCH EXCELLENCE

1. Open platform.
2. Full process control.
3. Low resin volume printing.

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 industrial 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 specific hardware, software, consumables and services to comprise the Science & Research Excellence Pack.

HARDWARE

- **DLP Station 5-405**
 - » DLP Station with a purpose-built and exceptionally powerful 405 nm wavelength light source, 50 micron resolution, exceptional speed, accuracy and an open material platform.
 - » The Resin Tray with a very high chemical resistance and atum3D's proprietary coating that prevents prints from sticking, you can use virtually all photopolymer materials imaginable.
 - » Specifically for Scientific & Research use, atum3D created the self-levelling Build Platform S Micro and included Resin Tray Ring, which features easy calibration and allows you to print with only a few milliliters of material. It enables you to replace or switch out the aluminum build plate only, saving time, material and costs.

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. This way, you can adjust and test different settings and take full advantage of DLP Station 5-405's benefits.
 - » The Pack includes a 1-year license for a single workstation.

CONSUMABLES

- **Starter Kit 5-405 Micro**
 - » Initial set of consumables and all tools you need to start working.

TRAINING & SUPPORT

- **Installation & Operator Training**
 - » We'll set up your atum3D hardware and software on-site. Next, our specialist will train the operators in using Operator Station software and DLP Station 5-405 in a hands-on training session. Included is an 8-hour installation and training day; travel time and expenses are excluded.
- **DLP Support Basic**
 - » Our support doesn't end with installation and training. This support package includes personal support by phone and online.

OPTIONAL SERVICES

- **Material R&D Service**
 - » With this add-on service, our extensive experience in Digital Light Processing, both in terms of hardware, software and chemistry, is at your disposal.

We understand that pushing the boundaries of science and technology sometimes calls for specific solutions. Although we believe our Science & Research Excellence Pack offers the best starting point for R&D use, our team is open to requests for additional support services.

YOUR BENEFITS

At the heart of the Science & Research Excellence Pack is our industrial grade DLP Station 5-405, 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 Creator Edition software, which allows you to control a wide range of variables.

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

- High power 405 nm light source for exceptional build speeds and best-in-class accuracy;
- Resin Tray with atum3D proprietary coating and a very high chemical resistance;
- Industrial quality Build Platform S Micro made of anodised aluminum, which allows you to print with minimal amounts of resin;
- Alternatively use the large Build Platform S, which shares the easy alignment features and lets you print many parts in a single run;
- Use your own build material or choose from a wide range of resins with different properties;
- Take full control and benefit from DLP Station's many resin lighting settings with Operator Station Creator Edition;
- Integral product: includes resin, software, consumables, installation and operator training;
- Unparalleled value for a midrange investment.



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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