



DENTISTRY EXCELLENCE

1. Integral solution.
2. Accurate.
3. Fast.

Additive technology holds unprecedented opportunities for dental laboratories and private practices alike. It's now possible to create accurate dental parts in-house in a fraction of the time, increasing patient satisfaction and reducing cost-per-part. atum3D introduces the Dentistry Excellence Pack: an integral dentistry product incorporating the latest DLP technology, offering a true alternative to traditional methods like milling and casting to make models, bridges, crowns, tools and splints.

atum 3D

3D Manufacturing Excellence

DENTISTRY EXCELLENCE PACK

Generally, a dental scanner is used to acquire the necessary personal data from your patient. With your dental CAD/CAM software, you can model the personalised parts or tools you would like to use and prepare the procedure. Next, the comprehensive and versatile atum3D Dentistry Excellence Pack includes everything you need to truly replace your milling and casting hardware in your laboratory or practice. Instantly start saving time, effort and waste, significantly lowering the cost-per-part.

WHAT'S INCLUDED?

We've bundled specific hardware, software, resin, consumables and services to comprise the Dentistry Excellence Pack.

HARDWARE

- **DLP Station 5-405**
 - » DLP Station with a powerful 405 nm light engine and 100 micron resolution, exceptional speed, accuracy and atum3D's proprietary open material platform.
- **Post-processing automation**
 - » The Dentistry Excellence Pack includes the Cleaning Station, Curing Station and Finishing Toolkit extensions.

SOFTWARE

- **Operator Station Professional (single workstation)**
 - » Our intuitive software with atum3D's MAGS AI prepares your part for print in just a few clicks and features Surface Smoothness Optimisation. Included is a 1 year license for a single workstation.

RESIN

- **DETAX dental resin (1 liter)**
 - » Choose one of our most popular resins for splints, models, surgical guides or impression trays. Thanks to our open resin platform, you're free to select your own build material as well.

	FP splint	FP ortho	FP tray
Supplier	DETAX	DETAX	DETAX
Appearance	Clear	Clear	Green
Medical class	IIa	IIa	I
Application	Drilling and x-ray templates, occlusal splints.	Base parts for orthodontic apparatuses.	Impression and functional trays, resin plates.

CONSUMABLES

- **Starter Kit 5-405**
 - » 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.

YOUR BENEFITS

At the heart of the Dentistry Excellence Pack is our industrial grade DLP Station 5-405. The large build envelope allows you to create many parts in a single run, without impacting build speed. The open resin platform allows you to select your desired material properties based on the specific application. Preparing your part for production is fast and easy thanks to our Operator Station software with MAGS AI technology, which automatically positions and generates necessary supports for your part. With the included Cleaning and Curing Stations and our Finishing Toolkit, your models or parts are ready for use, fast.

Summarised, your benefits of the Dentistry Excellence Pack include:

- Build speed up to 90 mm/hour;
- Exceptional accuracy, surface finishing and truly round openings;
- Use a wide range of materials with different properties;
- Seamless digital transfer from design (CAD) to manufacturing (CAM);
- Large build envelope: create many parts in a single run;
- Integral product: includes resin, software, post-processing automation, consumables, installation and operator training;
- Unparalleled value for a midrange investment.

WE'RE HERE FOR YOU!

We understand that incorporating innovative technology in your current business processes calls for tailored solutions. Although we believe the Dentistry Excellence Pack offers the best additive manufacturing starting point for the dental industry, our team gladly customises your product bundle to order.



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.

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