



JEWELLERY EXCELLENCE

1. Accurate pieces.
2. Single/series production.
3. Cast specialty metals.

Additive technology holds exciting opportunities for jewellery designers and gold- and silversmiths alike. It's now possible to create series of personalized designs by casting materials like titanium with the accuracy you're looking for to bring your creations to life. atum3D introduces the Jewellery Excellence Pack: the first jewellery product incorporating the latest DLP technology, offering optimal added value for the jeweller's workshop.

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3D Manufacturing Excellence

JEWELLERY EXCELLENCE PACK

This comprehensive atum3D product includes everything a jeweller or smith needs to start creating unique, personalized and previously unimaginable designs, either as single pieces or small series. Start saving time, effort and waste, significantly lowering the cost-per-item.

WHAT'S INCLUDED?

We've selected the most popular products and services for jewellery design to comprise the Jewellery Excellence Pack.

HARDWARE

- **DLP Station 5**
 - » State-of-the-art DLP Station with a powerful 405 nm wavelength light source and 50 micron resolution, exceptional speed, accuracy and atum3D's proprietary open material platform.
- **Cleaning Station**
 - » Cleans excess resin from finished items using ultrasound and ethanol.
- **Curing Station**
 - » Cures cleaned items with UV light to reach final material specifications, fast.

SOFTWARE

- **Operator Station Professional (single workstation)**
 - » Our proprietary software prepares your design for print in just a few clicks. The Pack includes a 1 year license for a single workstation.

RESIN

- **DETAX Cast resin (1 liter)**
 - » Our most popular resin for noble and specialty metals casting.

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, including investment casting and burnout process advice.
- **DLP Support Basic**
 - » You're part of the atum3D family – we're here for you! This support package includes personal support by phone and online.

YOUR BENEFITS

At the heart of the Jewellery Excellence Pack is our industrial-grade DLP Station, which creates smooth models thanks to the high 50 micron resolution. The large build envelope allows you to create many pieces in a single run, without impacting build speed. We've included the most popular jeweller's resin which allows you to accurately cast specialty metals without any residue. Preparing your design 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 piece. With the included Cleaning and Curing Stations, your pieces are ready for further processing, fast.

Summarized, your benefits of the Jewellery Excellence Pack include:

- Build speed of up to 90 mm/hour
- Exceptional accuracy, surface finishing and truly round openings at 50 microns
- Resin for specialty metal casting (lost wax method) included
- Large build envelope to create series of unique or personalized pieces in a single run
- Seamless digital transfer from design (CAD) to manufacturing (CAM)
- Integral product: includes software, consumables and post processing tools
- Includes training and support from atum3D and selected partners
- 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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