



## PRODUCT DESIGN EXCELLENCE

1. Fast.
2. Accurate.
3. Diverse material properties.

Additive technology offers new and exciting opportunities for product design studios and product R&D departments alike. It's now possible to make accurate prototypes or parts cost-effectively, fast and in-house. atum3D introduces the Product Design Excellence Pack: the first engineering product incorporating the latest DLP technology, offering fast, production-grade accuracy and the material properties you desire.

**atum 3D**

3D Manufacturing Excellence

## PRODUCT DESIGN EXCELLENCE PACK

*This comprehensive and versatile atum3D product includes everything a Product Design Studio or R&D department needs to replace most external prototyping. Instantly start saving time, effort and waste, significantly lowering the cost-per-part.*

### WHAT'S INCLUDED?

We've selected the most popular products and services for product design to comprise the Product Design Excellence Pack.

#### HARDWARE

- **DLP Station 5**
  - » State-of-the-art DLP Station with a powerful 405 nm or 365 nm wavelength light source and 50, 75 or 100 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 parts with UV light (405 or 365 nm) 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

- **Product design resin (1 liter)**
  - » Select your initial build material from the most popular resins for prototyping/product design (black, white or transparent).

#### 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.
- **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 Product Design Excellence Pack is our industrial-grade DLP Station. The large build envelope allows you to create many prototypes in a single run, without impacting build speed. The open resin platform allows you to select your desired material properties. 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 part. With the included Cleaning and Curing Stations, your prototypes and parts are ready for use, fast.

Summarized, your benefits of the Product Design Excellence Pack include:

- Build speed of up to 90 mm/hour
- Exceptional accuracy, surface finishing and truly round openings
- Resin for prototyping/product design included
- Large build envelope to many prototypes 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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