



## EXTENSIONS

1. Extend functionality.
2. Facilitate post-processing.
3. Save time.

atum3D combines in-house expertise in the fields of hardware engineering, chemical material properties and coding software algorithms to create 3D excellence. Parts created with DLP Station are ready to be further processed. The optional Cleaning Station, Curing Station, CUREbox and Finishing Toolkit extensions make light work of post-processing. Save time and effort in getting your parts ready for use!

**atum 3D**

3D Manufacturing Excellence

## CLEANING STATION

Cleaning Station is based on the cavitation effect resulting from high frequency (ultrasonic) shockwaves in ethanol. The imploding microscopic bubbles are small enough to enter even the smallest of openings, thoroughly cleaning your parts. Cleaning Station is available in 6 and 16 liter versions to fit your application and part dimensions. Features include a stainless steel housing and basket, digital time and temperature indicators and digital power and frequency setting.

Capacity	6 liters	16 liters
Technology	Ultrasonic	Ultrasonic
Total power	400 W	700 W
Max. heating power	200 W	400 W
Max. vibrating element power	200 W	300 W
Max. temperature	80° C	80° C
Bath size	140x290x145 mm	300x300x200 mm
Weight	Approx. 5,6 kg	Approx. 10,9 kg
AC input	230 V	230 V



## CURING STATION

Those who demand the most from 3D manufactured parts understand the importance of post-curing. Properly cured parts have mechanical properties far superior to those that are improperly cured. Industrial post-curing requires precision equipment. Combining vacuum, powerful UV light and radiated heat, Curing Station ticks all the boxes to post-cure parts better and up to 10x faster. Features include touchscreen control, fully customisable multi-step curing presets and 28 lights that post-cure the object evenly from all sides.

Technology	Vacuum, UV light, Radiated heat
LED wavelength	350-420 nm
LED output	45 W
Vacuum rating	Max. 0,003 mBar
Chamber size	282x395x275 mm
Weight	Approx. 174 kg
AC input	230 V



## CUREBOX

Efficient post-curing requires precision equipment. CUREbox offers a prosumer solution for post-curing parts. Features include status indicators for heat, lamps and door, timer control (5 minutes - 12 hours), temperature control (Off, 30° - 60° C), long life, replaceable UV LEDs and a safety interlock.

Technology	UV Led & Temperature
LED wavelength	405/365 nm
LED output	36 W
Chamber size	300x300x160 mm
Weight	Approx. 10,0 kg
AC input	220-240 V



## FINISHING TOOLKIT

After cleaning and curing, the final process step is to remove any supports and polish your parts. To make this task as easy as possible, atum3D offers the Finishing Toolkit. Our Toolkit includes the tools you need to finish your part to a shine. The Finishing Toolkit includes nippers, tweezers, a precision hammer, a paper holder, a Resin Tray podium and a sanding paper pack.

Precision-handle even the smallest parts with the included tools. Use tweezers, nippers and precision hammer to remove supports from the part. Next, sand off any excess material. The Resin Tray Podium is a convenient holder for used resin trays. Thanks to the paper holder, you can conveniently tear off towels with a single hand.

## SERVICES

atum3D services have been created to make your life easy or set new standards to create results you're looking for. Available services include:

### Tolerance Tuning

Tolerance levels up to 6 µm in the z-axis resolution are possible in fixed variable environments.

### Material R&D

We're ready to apply our expertise and research possibilities to achieve custom material requirements.

### Installation Service

atum3D offers the option to have hardware and software installed and calibrated for first use by certified professionals.

### Operator Training

We'll kickstart your atum3D product experience with a comprehensive online or on-site Operator Training course.

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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