



UV LCD



DLP

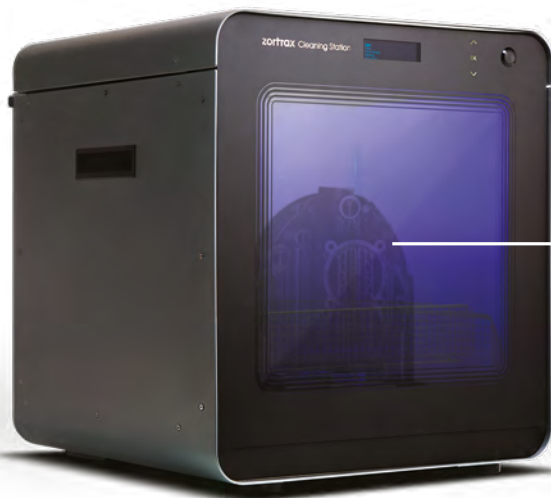


SLA

# zortrax

## Cleaning Station

Zortrax Cleaning Station is a post-processing device removing excessive unsolidified resin from the surfaces of 3D printed photopolymer models



Zortrax Cleaning Station

Working area dimensions

300 x 210 x 270 mm  
(11.8 x 8.27 x 10.6 in)

Tank capacity

18 l  
(608.65 fl oz)



Made in EU



### › The first post-processing stage

Parts made in all resin 3D printing technologies need to be cleaned after the printing is done. It is so because unsolidified resin present in the vat tends to stick to their surfaces. Zortrax Cleaning Station is made to clean this excessive resin off the printed models.

### › Two supported cleaning agents

Isopropyl alcohol (IPA) is the most popular cleaning agent used in post-processing of resin 3D printed models and Zortrax Cleaning Station is designed to support it. Some materials, however, need two-stage cleaning. The first stage is done using glycol-based agents and the second is done with standard IPA. For this reason, Zortrax Cleaning Station can also work with glycol-based cleaning fluids.

### › More efficient rotor cleaning

Zortrax Cleaning Station uses a rotor with adjustable speed to circulate cleaning fluid. Compared to ultrasonic cleaners, it is more delicate and does not damage intricate parts. The cleaning process takes roughly 5 minutes and is fully automated. Once it is done, the top cover opens up and the models are lifted out of the tank for retrieval.

### › Compatibility with all resin 3D printers

The Zortrax Cleaning Station works with all major resin 3D printing technologies like UV LCD, SLA, and DLP. Due to high volume tank, it can clean relatively large models. Moreover, the device offers full functionality when paired with all resin 3D printers on the market.

### › IPA filtering system

IPA cleaning fluid is circulated through a filtering system that catches remnants of the resin. This way the IPA can be safely reused in multiple cleaning session. Lifespan of filters depends on the geometry and size of the cleaned models. It is recommended to check the filters' condition periodically and replace them when they are clogged.

### › Made for Zortrax Inkspire 2

While Zortrax Cleaning Station can be used with any resin 3D printing system, it still works best with Zortrax Inkspire 2 as a part of the same ecosystem. The build platform used in the Inkspire 2 can be easily attached to the top cover of the Zortrax Cleaning Station, so the models can be cleaned without taking them off the platform.



UV  
LCD

### Smart design

IPA cleaning fluid is kept as clean as possible with a UV LED stripe that partially solidifies resin remnants going through the filters. This way the resin does not stick to the mesh and is easier to remove.



### Magnetically attached rotor

The rotor is attached to the bottom of the tank with magnets. This way the whole system has less moving parts which makes it more durable.

#### DEVICE

|                         |  |
|-------------------------|--|
| Working area dimensions | 300 x 210 x 270 mm (11.8 x 8.27 x 10.6 in)   |
| Tank capacity           | 18 L   |
| Filters                 | <ul style="list-style-type: none"> <li>Two mechanical filters:</li> <li>• polypropylene cartridge (1 micron)</li> <li>• stainless mesh cartridge with UV lighting (150 microns)</li> </ul> |
| Security                | <ul style="list-style-type: none"> <li>• excessive cleaning fluid level sensor</li> <li>• flow meter preventing operation without the cleaning fluid in the system</li> </ul>              |

#### IN THE BOX

Zortrax Cleaning Station, a metal basket for 3D prints' cleaning, a holder for attaching the Inkspire 2 platform, Starter Kit

#### WEIGHT AND PHYSICAL DIMENSIONS

|                    |   |
|--------------------|---|
| Device (W x D x H) | 460 x 460 x 490 mm (18.1 x 18.1 x 19.3 in)  |
| Weight             | <ul style="list-style-type: none"> <li>• 40 kg (88.2 lb) - without cleaning fluid</li> <li>• around 80 kg (176.4 lb) - with cleaning fluid (full tank)</li> </ul> |

#### ELECTRICAL

|                           |                           |
|---------------------------|---------------------------|
| AC input                  | 100-240 V AC 4 A 50/60 Hz |
| Maximum power consumption | 48 W                      |