



UV LCD



DLP



SLA

zortrax

Curing Station

Zortrax Curing Station is a post-processing device providing additional UV curing of parts made in all resin 3D printing technologies



Zortrax Curing Station



Made in EU

Light source:
UV light - 405 nm wavelength

UV light power:
75 mW/cm²

Workspace volume:

300 x 300 x 200 mm
11.8 x 11.8 x 7.9 in



› Essential in resin 3D printing

UV curing is a post-processing step required by nearly all leading resin manufacturers to achieve desired mechanical and thermal properties of their materials. To guarantee consistent results it has to be performed in controlled conditions using high-quality equipment like Zortrax Curing Station.

› Safety comes first

Zortrax Curing Station has multiple systems ensuring safety of its operators. The device detects when the curing chamber door is open and immediately turns off UV lamps to prevent harmful UV irradiation. During the curing process all UV radiation is stopped by a filter built in the front glass pane. Finally, a separate system prevents the UV LEDs from overheating.

› Wide compatibility

The Zortrax Curing Station is a standalone device that can complement all UV LCD, SLA, or DLP resin 3D printers available on the market. It has a large workspace that enables curing 3D prints of significant size made on industrial machines. Now, there aren't any design or software features that lock a user into one particular 3D printing ecosystem.

› Industrial-class curing chamber

The curing chamber in Zortrax Curing Station is designed to ensure all surfaces of a resin 3D model get consistent UV exposure. The walls of the chamber are made with 304 stainless steel sheet polished up to the EN 10088-2 2P standard which acts as a mirror, reflecting UV light at all sides of the model. Consistency of exposure is further enhanced by a rotating table on which the parts being cured are placed. This way, the post-processed models are free of weak spots caused by insufficient UV exposure.

› Validated by BASF Forward AM and Henkel/Loctite

World-leading resin manufacturers like BASF Forward AM and Henkel/Loctite know that it is the entire ecosystem that makes it or breaks it for a 3D printed part. That is why the Zortrax Curing Station was tested along with the Inkspire 2 resin 3D printer in their thorough validation procedures. In result, both are proven to achieve desired mechanical and thermal properties of chosen BASF Forward AM and Henkel materials when used together.



Automated and easy to operate

The Zortrax Curing Station offers the same level of automation and easy operation as the Inkspire 2. The UV curing process boils down to choosing proper settings and placing models on the rotating glass table. Post-processing takes place in a controlled and safe environment.



UV
LCD

DEVICE

| | |
|-----------------------|---|
| Workspace volume | 300 x 200 x 300 mm (11.8 x 11.8 x 7.9 in) |
| Light source | UV light - 405 nm wavelength |
| UV light power | 75 mW/cm ² |
| Chamber | Metal with a mirrored surface supporting even light distribution around 3D prints |
| Door | Made of a glass layer with a PMMA filter |
| Display/control panel | Touch control panel; single color display; on/off button |
| Security | Door opening sensor UV filter embedded into the front door |

ELECTRICAL

| | |
|---------------------------|--|
| AC input | 100 - 240 V AC max 2 A - 120 V; max 1 A - 230 V 50/60 Hz |
| Maximum power consumption | 240 W |

WEIGHT AND PHYSICAL DIMENSIONS

| | |
|--------------------|--|
| Device (W x D x H) | 464 x 470 x 501 mm (18.3 x 18.5 x 19.7 in) |
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IN THE BOX

Zortrax Curing Station, Starter Kit

