

FormCure UV Curing Station

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Tool Type: Post-processing

Location: Innovation Workshop

Description: Formlabs UV curing chamber

Manufacturer: Formlabs

About

Some FormLabs Resins used in the Form 2 3D printer can benefit from post process curing. Each resin has a specific hardening curve which can be found within the reference material which will indicate the ideal time and temperature to be set on the FormCure.

Detailed Specifications

- Max cure temp: 80 degrees C
- Light: 39W total drawn by 13 405 nm LEDs

Safety Concerns

- Allow at least half an hour for IPA to evaporate before placing part in Form Cure
- Allow time for the Form Cure to cool off before removing parts
- Do not operate form cure with lid open

Operating Procedures

1. Any part to be cured needs to be washed in the FormWash with IPA BEFORE being placed in the

- form cure. Supports can be removed before or after curing process.
 - 2. Wait 30 minutes after washing to allow all remaining IPA to evaporate
 - 3. Check the reference material for selected resin to determine ideal time and temperature for curing
 - 4. Use the dial on the front of the FormCure to set time and temperature
 - 5. Place part within the FormCure→ press start.
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Reference Documentation

https://support.formlabs.com/s/article/Using-Form-Cure?language=en_US

https://support.formlabs.com/s/article/Form-Cure-Time-and-Temperature-Settings?language=en_US

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Training Documentation

[Form 2 Training SOP](#)

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Last update: **2023/01/06 00:37**

