2025/10/30 11:16 1/2 FormCure UV Curing Station

FormCure UV Curing Station



Location: Innovation Workshop

Description: FormLabs UV curing chamber

Manufacturer: FormLabs

Last updated 1/5/23 Haley

About

After your FormLabs print has gone through the FormWash, the resin should be cured in the FormCure, a UV curing chamber. Each resin has a specific hardening curve that can be found within the reference material. This will help you indicate the ideal time and temperature to be set on the FormCure.

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
- 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.

Detailed Specifications

• Max cure temp: 80 degrees C

• Light: 39W total drawn by 13 405 nm LEDs

Reference Documentation

Form 2 Training SOP

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

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

From:

https://microfluidics.cnsi.ucsb.edu/wiki/ - Innovation Workshop Wiki

Permanent link:

https://microfluidics.cnsi.ucsb.edu/wiki/doku.php?id=formcure_uv&rev=1672965700

Last update: 2023/01/06 00:41

