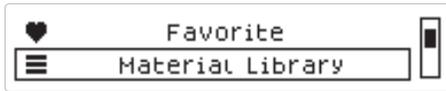


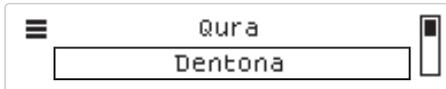
■ Material Library

To select the default parameters for a specific material:

1. Turn and press the controller to select Material Library.



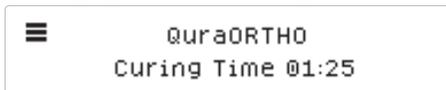
2. Select a specific brand of 3D printing material.



3. Select a specific 3D printing material.



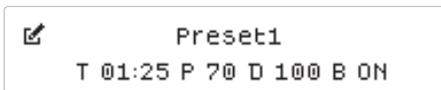
The display shows the curing time for the selected resin



4. Press the controller to start the curing process. The display shows the time remaining for the curing process and shows when the curing process is complete.

■ Customizing Curing Parameters

1. Turn and press the controller to select **Customize**.
2. Turn and press the controller to select the value you want to edit. You can edit the value for **Time (T)**, **Power (P)**, **Duty Cycle (D)**, and **Bottom Light (B)**.



3. Press the controller to set the value and continue to select a different value.
4. Press the Back button to go back to the Material Library.

■ Caution

- Always wear appropriate PPE, including eye protection.
- Keep the UV box away from heat sources and combustible objects.
- Only use the UV box indoors and make sure the air vent is clear.
- UV Radiation hazard.
- Use only with shielding in place.
- Protect eyes & skin from exposure to UV light.



■ Documentation and Support



For community feedback, see our Ackuretta's User Group on Facebook:
<http://go.ackuretta.com/fb-group>



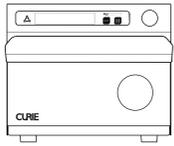
CURIE

Quick Start Guide



www.ackuretta.com

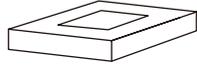
Package Contents



CURIE



Power Cable



Glass Panel Box

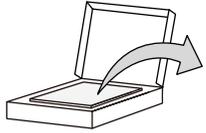


Micro SD Card Reader



Micro SD Card

1.



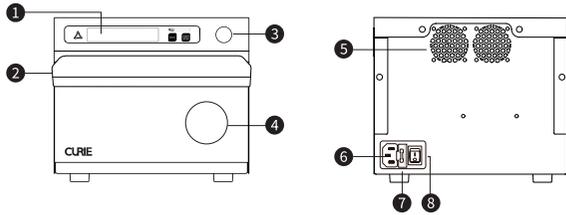
Remove the glass panel from box

2.



Place the glass panel inside the curing chamber before use

UV Box Overview



- 1 Display
- 2 Handle
- 3 Controller
- 4 Window
- 5 Cooling Fan
- 6 Outlet
- 7 Fuse
- 8 Power Switch

Environment

Operate CURIE in an indoor environment with a temperature between 10°-40°C (50°-104°F), humidity between 30-70%, and air pressure 50 kPa-106 kPa.



10°-40°C



30-70%



50 kPa-106 kPa

Product Specifications

Machine Size	200 (L) x 220 (W) x 160 mm (H)	Wavelength of LED	365, 385, and 405 nm
Weight	3 Kg	Power Supply	100-240 V AC, 50-60Hz
Curing Time	One second to 20 minutes	Power consumption	75 W
Quantity of LEDs	31	Fuse	2 A
Operating Environment	Indoor use only at ambient temperature and relative humidity.		

Operating Instructions

User Interface



- 1 **Display:** View the menu and related functions for **Favorite**, **Material Library Customize**, and **System Settings**.
- 2 **Back:** Back to the previous page.
- 3 **START/STOP:** Start/Stop curing process.
- 4 **Micro SD Card Reader**
- 5 **Controller:** Turn the knob in either direction to view the available options; Press the knob to select an option.

Machine Settings

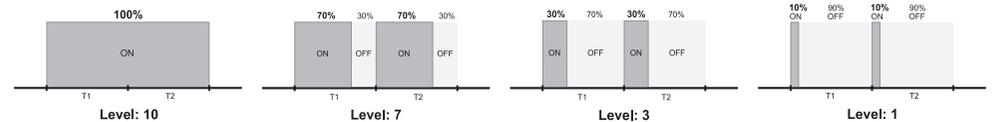
Intensity Output (I)

Select the light intensity according to the material characteristics, shape, and thickness. Level 1 is the lowest output (i.e. 43.8 mA LED for 7018 mW/cm² light intensity); Level 16 is the highest (i.e. 700 mA LED for 112295 mW/cm² light intensity)

NOTE: For the best results curing a flat and thin print, we strongly recommend using a lower intensity output and a longer curing time.

Duty Cycle (D)

Select the period of illumination per cycle according to the characteristics of the print. Level 1 is the shortest period of illumination (i.e. 10% of the cycle); Level 10 is constant illumination.



NOTE: For the best results curing a small print, we strongly recommend using a lower intensity output and a longer curing time.

Curing Time (T)

Select the duration of the curing process. The curing time can be set to any value between one second and 20 minutes.

To update the CURIE Resin Library:

- Step 1. Visit Ackuretta.com -> CURIE -> Resin Library Update
- Step 2. Enter the CURIE serial number
- Step 3. Download and save the Resin Library file onto the Micro SD card
- Step 4. With the Micro SD loaded into the card reader slot, power on the CURIE and select Update Materials from the menu