



CURIE⁺Plus

Frequently Asked Questions

Q1 I have just received CURIE Plus, how do I get started?

After receiving your CURIE Plus, register your device through the User Dashboard so that your warranty is activated on the date of purchase. The User Dashboard contains resources to help you get started with your CURIE Plus, access troubleshooting, and get support from the Ackuretta Customer Success Team. For more information about the User Dashboard and warranty policy, scan the QR codes below.

After unboxing, plug in the Wi-Fi dongle and power cable and turn on your CURIE Plus. Open the door by using the touchscreen, and place the glass in the drawer. The UV light is concentrated in the curing area outlined by the black rectangle on the glass – make sure you place your applications inside that rectangle. Select the resin used to create your print, and press 'Start'. The curing process will begin.

To watch the unboxing video, scan the QR code below.



Note: When working with devices with UV lights like CURIE Plus, it is recommended to wear anti-UV goggles for your safety.



User
Dashboard

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CURIE Plus
Warranty Policy

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CURIE Plus
Unboxing Video

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Q2 Why does CURIE Plus require an internet connection?

Connecting CURIE Plus to the internet, via Wi-Fi or Ethernet, will enable automatic **Resin Library** updates. This feature enhances the user experience by ensuring your equipment is always up to date with the newest resin profiles and improvements to existing curing parameters.

Whenever a **firmware** update is released, the interface will send a notification, via Wi-Fi or Ethernet. You can update your CURIE Plus firmware by clicking on the 'Bell' icon.

CURIE Plus can work without an internet connection, but the Resin Library and firmware will not be updated, which could lead to post curing issues. We recommend keeping CURIE Plus connected to the internet at all times. Connecting it at least once every 7 days is essential, to ensure your Resin Library and firmware are up-to-date.

Q3 How does the connection between CURIE Plus and SOL streamline the curing process?

CURIE Plus will load the resin parameters from the latest prints directly from your SOL(s). Before your prints have been completed, turn on CURIE Plus and connect to the same network as your SOL(s). Once you have confirmed "Print Successful", CURIE Plus will receive the curing parameters of the successful prints, which can be found in "Recent Prints". Select the print you wish to cure, and curing will begin automatically.

This feature provides a seamless integration with a one-click workflow from printing to curing, ensuring accurate curing parameters, and helping to prevent post curing errors. To use this feature, make sure your SOL is updated to the latest firmware.

Q4 What are the benefits of using nitrogen with CURIE Plus?

CURIE Plus is built to integrate a nitrogen flow into the UV chamber. Oxygen has a UV inhibition effect that can reduce curing performance, while nitrogen gas is an inert gas which helps create an oxygen-free environment inside the curing chamber. Using nitrogen during the curing process improves the quality of the prints by strengthening mechanical properties.

Q5 Can I use a third-party nitrogen tank or nitrogen generator with my CURIE Plus?

Yes. You can connect a third-party nitrogen tank or generator to your CURIE Plus. When selecting a third-party nitrogen tank, **please ensure it follows the specifications** outlined in the SOP. We do not have specifications for the use of a third-party nitrogen generator, due to the range of possible variables.

While CURIE Plus is compatible with third-party nitrogen sources, we cannot assure the quality of 3D printed applications using third-party equipment and assume no responsibility for final results.

To learn more about how to use CURIE Plus with a nitrogen tank, scan the QR code.



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Q6 What is the size of the curing area inside CURIE Plus?

The curing area is 20 x15 cm. It can accommodate up to 8 full arches at the same time.

Q7 Can I use my own curing settings?

Yes. You can create up to 5 custom curing parameters, with or without nitrogen settings. Go to Menu > Custom Curing Parameters, and select your curing mode – **either with or without NFinity***. Then enter Time, Power, Duty Cycle, and choose Bottom Light ON or OFF.

*To learn more about NFinity, Ackuretta's nitrogen generator, scan the QR code.



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Q8 How can I clean the glass in my CURIE Plus?

The glass can be cleaned by using a cloth or wipes with 95% alcohol. Dirty glass can reduce the curing performance and compromise the biocompatibility of your 3D printed applications. Be sure to visually check the glass regularly, and if necessary, clean the glass.

Q9 What does "Validation In Progress" mean?


"Validation In Progress" resins are calibrated by Ackuretta but not yet officially validated by their manufacturers for CURIE Plus. We are continuously working with the resin manufacturers to validate their resins on CURIE Plus. Once the resins are officially validated by the resin manufacturers, their status "Validation In Progress" on CURIE Plus will be removed.

Even though these resins are not yet validated by the resin manufacturers, the parameters have been calibrated by Ackuretta in order to obtain optimal post cure performance.


Q10 How do I safely turn off my CURIE Plus?

Switch off your CURIE Plus using the power switch on the back of the machine. Then disconnect the power cable.



 ACKURETTA



 User Dashboard



 Facebook User Group