

Cleaning the Resin Vat with IPA Solvent

SOURCE:

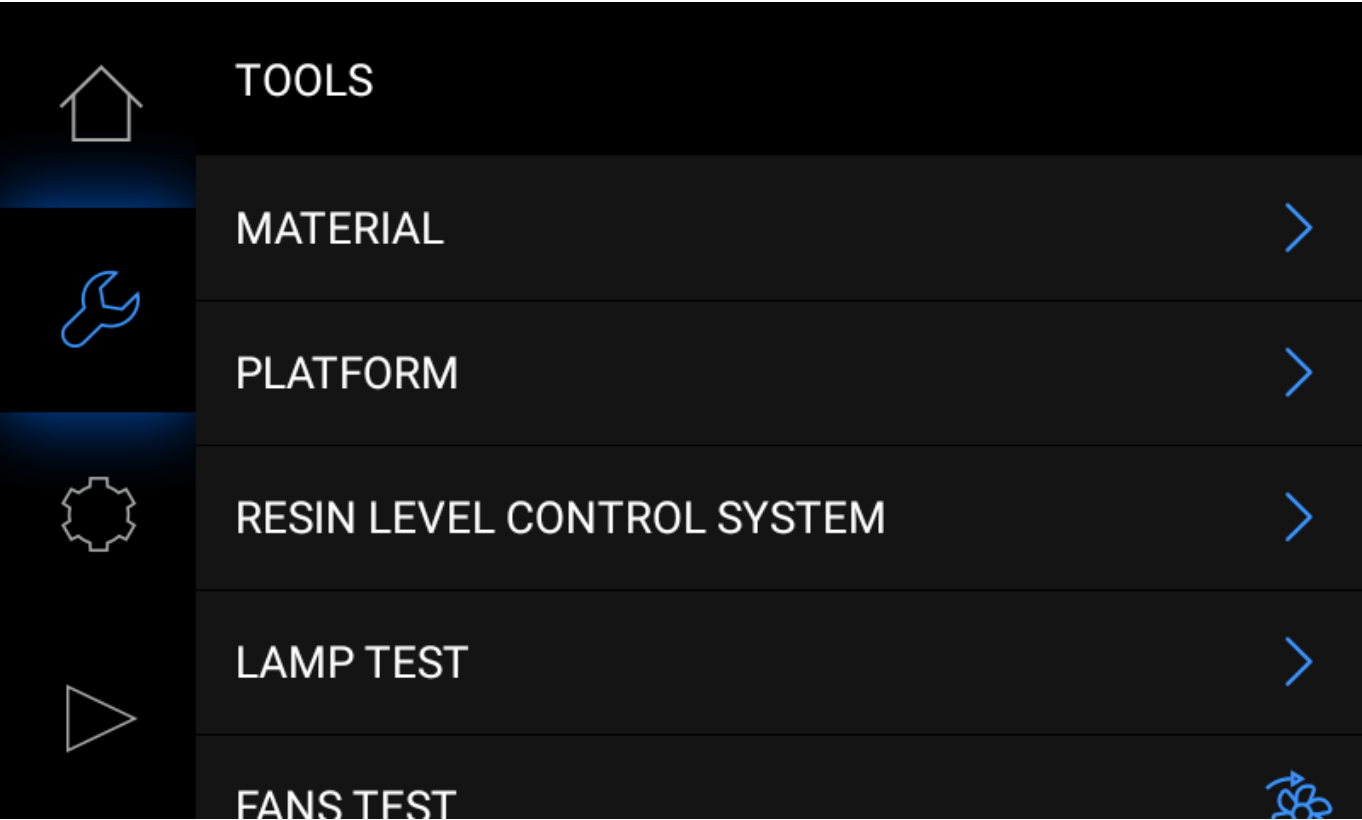
<https://support.zortrax.com/cleaning-the-resin-vat-with-ipa-solvent/>

Table Of Contents

Navigating through the Menu
Pumping out and Wiping
Using the Spatula
Bottle with IPA installation
Pumping the IPA Solvent in
Resin Vat Cleaning
Finishig the Cleaning Procedure

Navigating through the Menu

From the *Menu* select *Tools*, then *Resin Level Control System* and choose *Clean Printer*. Press *Start*.



< RESIN LEVEL CONTROL SYSTEM

LEVEL SENSOR CALIBRATION



MATERIAL WEIGHT SENSOR CALIBRATION



CONTROL PUMP



CLEAN PRINTER



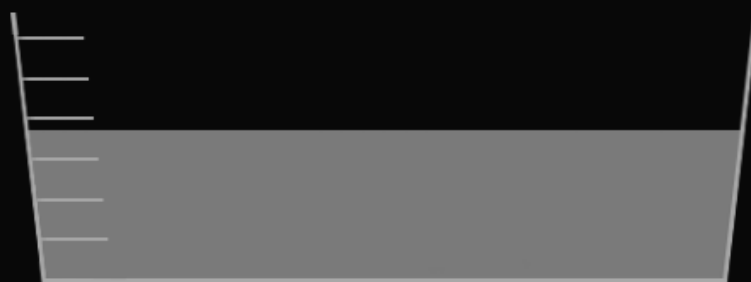
< CLEAN PRINTER

EDIT PARAMETERS



Preparing

This procedure will clean your printer. Make sure if installed bottle have enough space for remaining resin. Minimum 300ml of IPA solvent is needed.



Current resin level: 184ml



CANCEL

START



Pumping out and Wiping

The printer will now start pumping the remaining resin out and wiping the screen.

<

CLEAN PRINTER

Stage 1/5: Removing remains

Pump is running

Pumping out

33%

<div>X</div></div><div>CANCEL</div></div><div>SKIP</div><div>></div></div></div>

< CLEAN PRINTER

Stage 1/5: Removing remains Wiper is moving

Wiping screen

66%

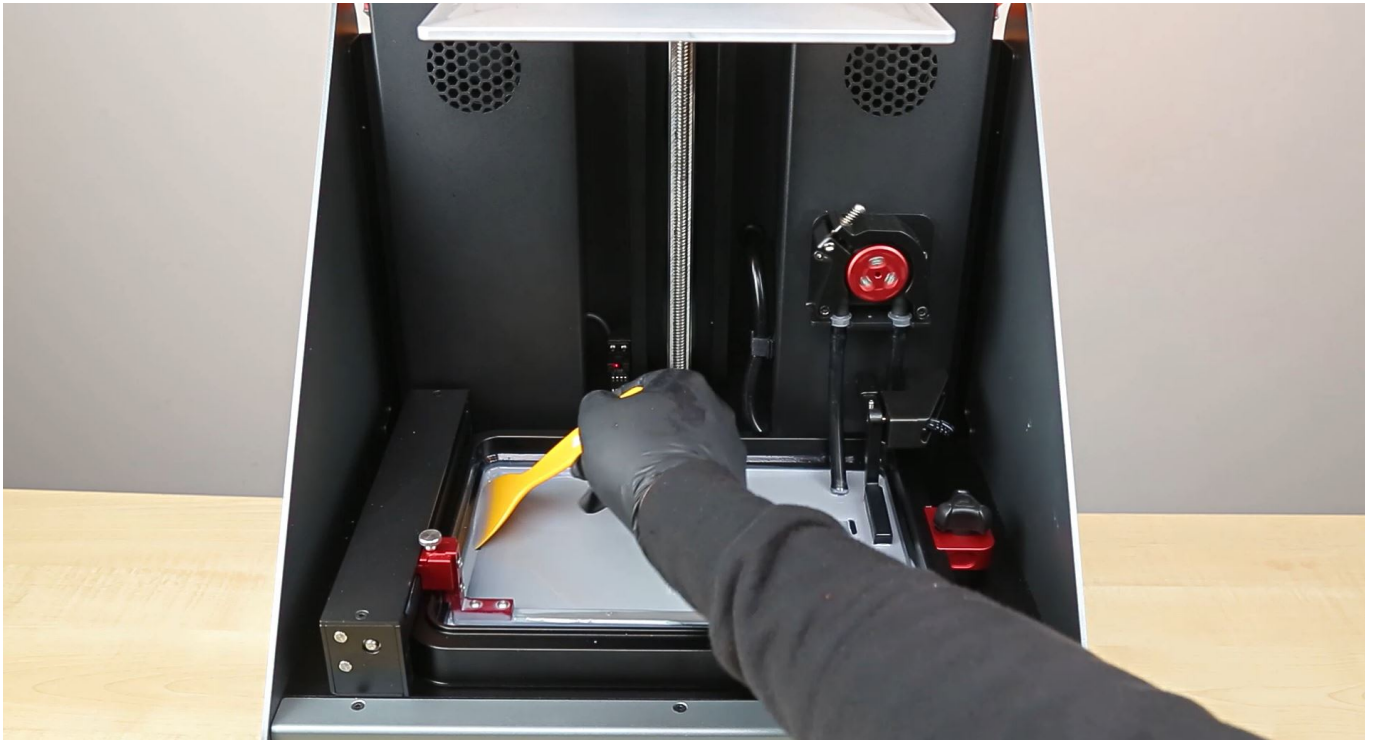


CANCEL

SKIP



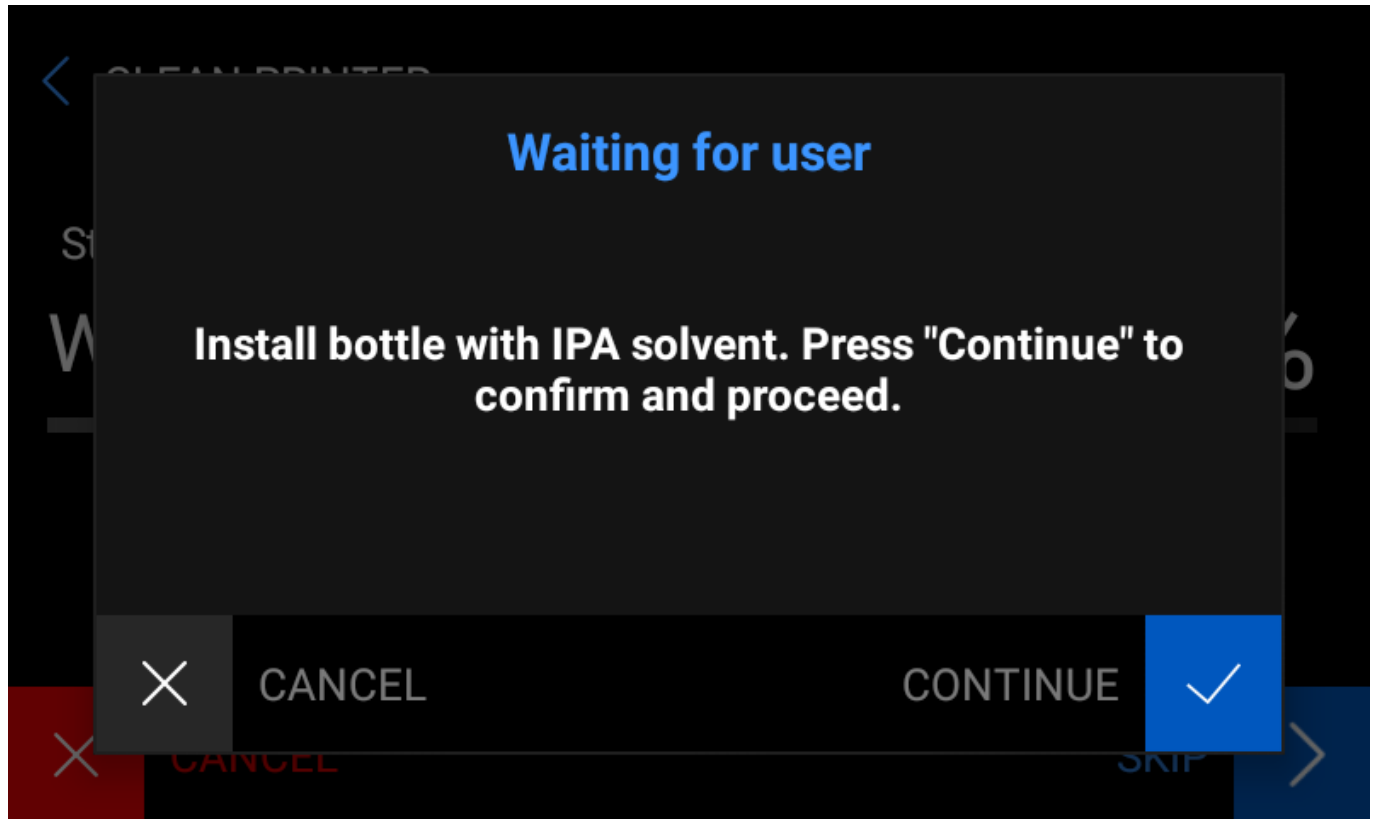
Using the Spatula



Use the plastic spatula included in the Starter Kit to help remove the remaining resin. Direct the resin towards the tube. Make sure not to damage the FEP film.

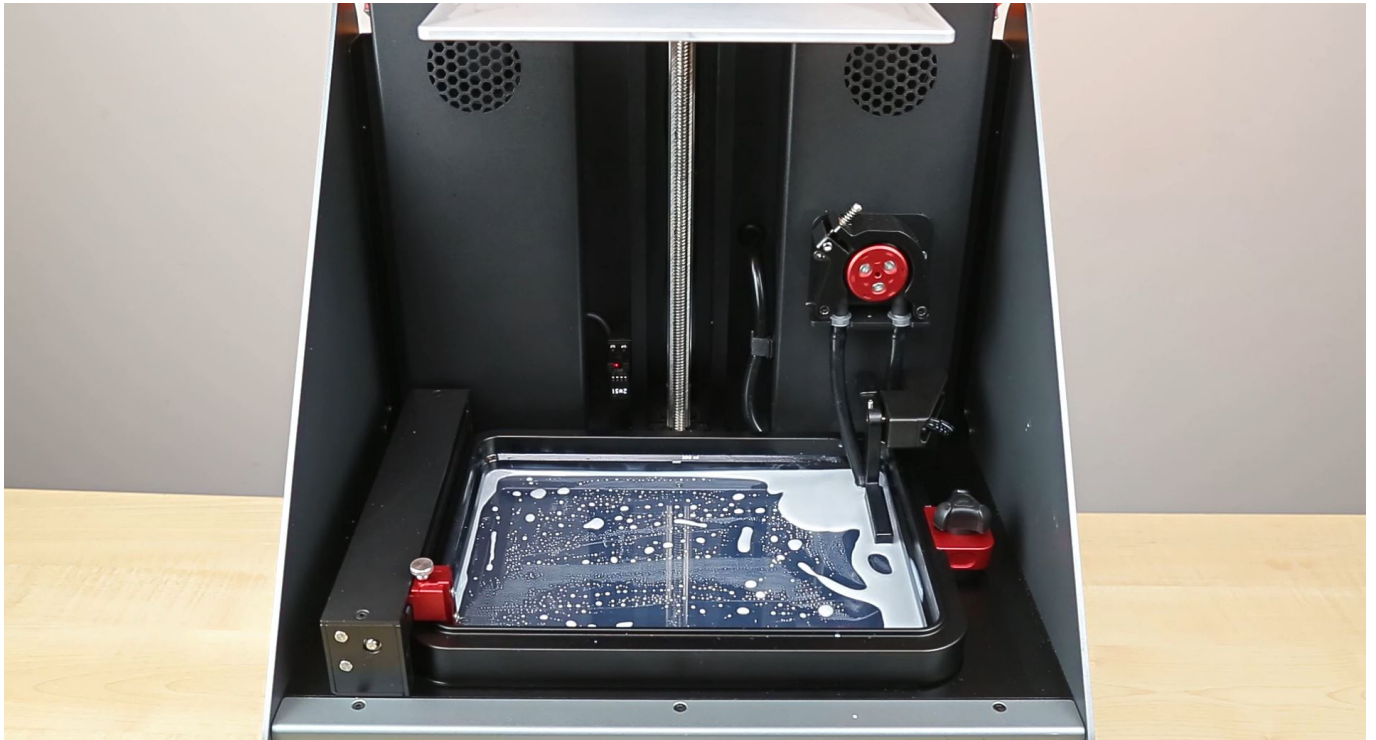
Bottle with IPA installation

Once the resin has been pumped out, place a bottle with isopropyl alcohol next to the bottle with resin. Clean the tube with a paper towel and install it into the bottle with the solvent. Press *Continue*.

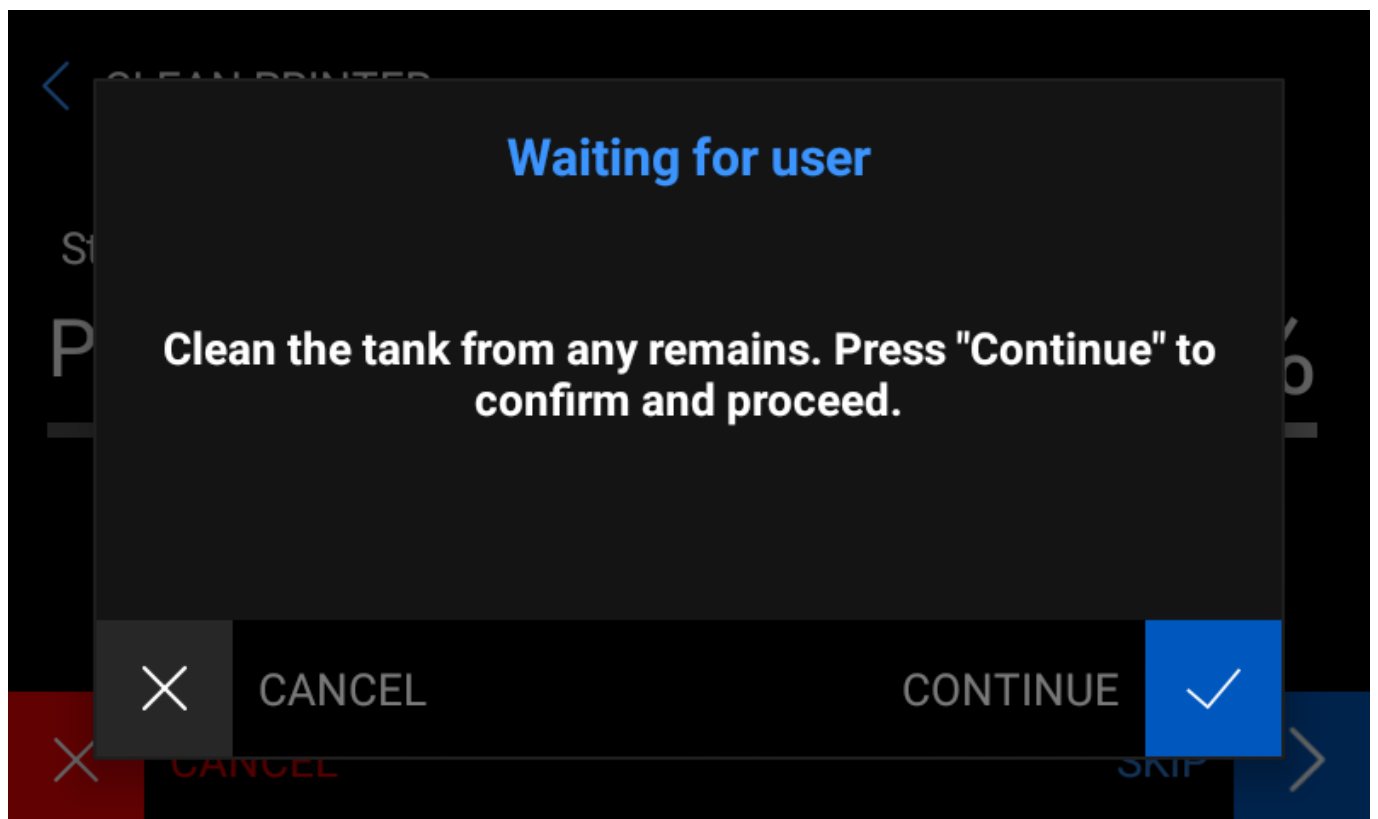




Pumping the IPA Solvent in



The printer will now start pumping the IPA solvent into the resin vat.

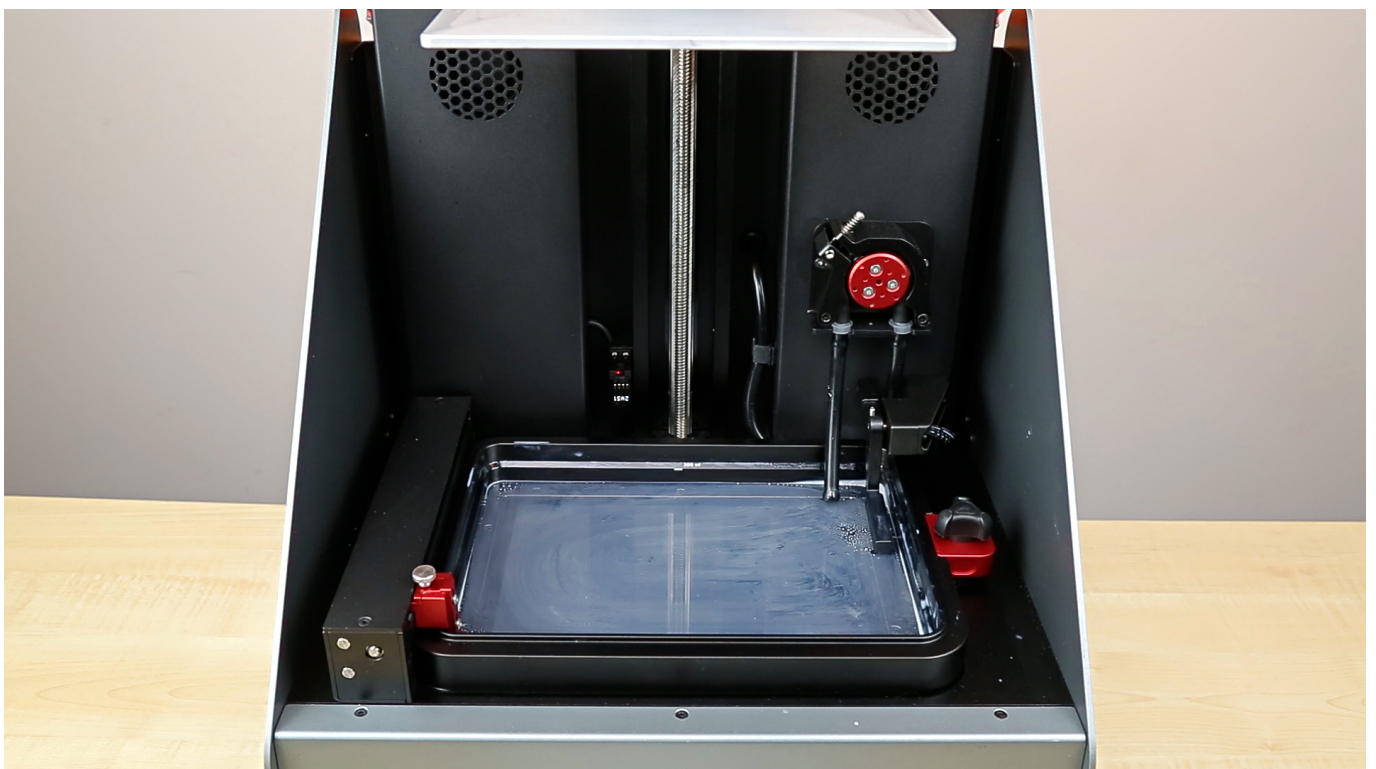


Once the IPA solvent has been pumped in, you can start cleaning the resin vat.

Resin Vat Cleaning

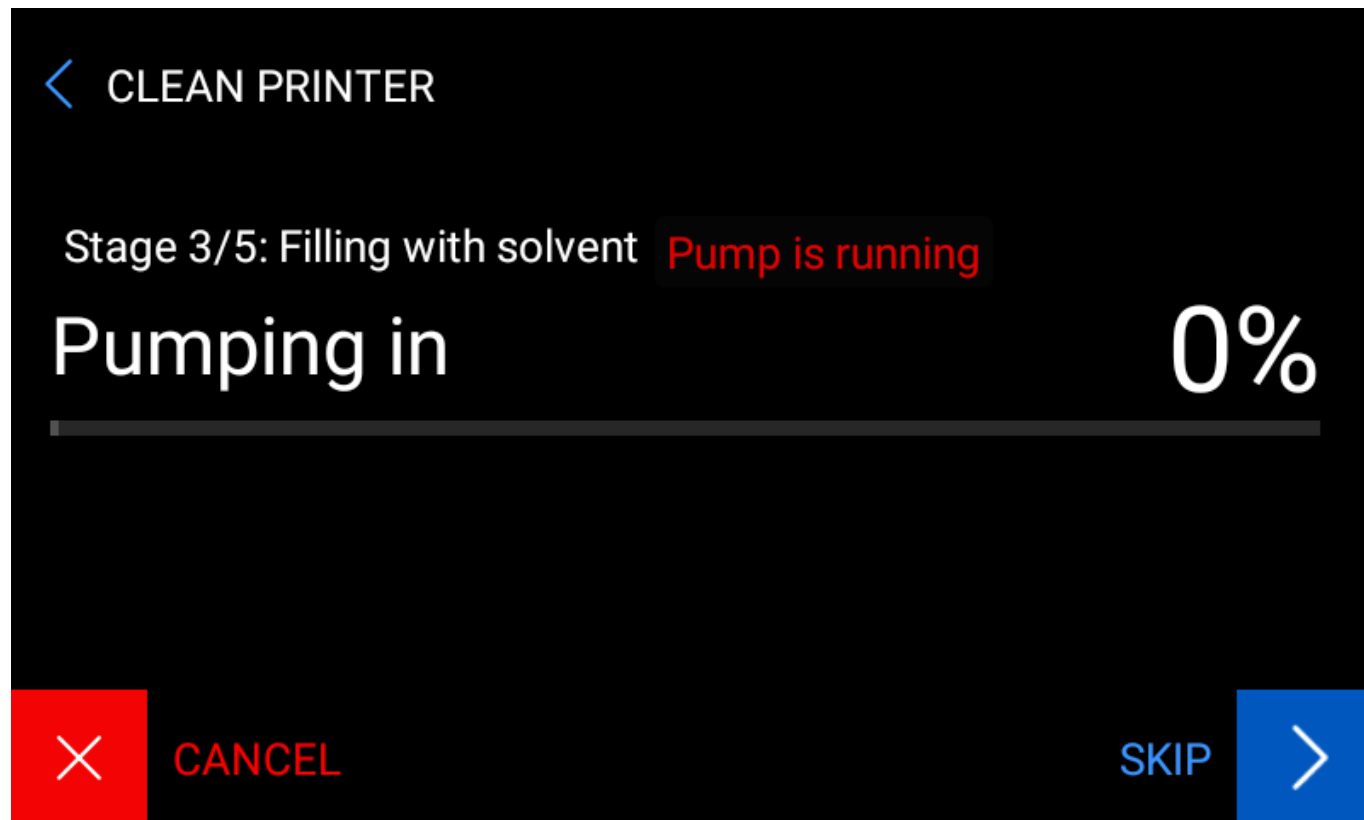


Clean the resin vat from remaining resin using paper towels. Make sure not to damage the FEP film. Once you cleaned the vat, click *Continue*.



At this point, the printer will start automatic resin vat and platform cleaning.

Follow instructions displayed on the screen.



< CLEAN PRINTER

Stage 3/5: Filling with solvent Pump is running

Pumping out

50%



CANCEL

SKIP



< CLEAN PRINTER

Stage 4/5: Rinsing elements Platform is moving

Move platform

0%



CANCEL

SKIP



< CLEAN PRINTER

Stage 4/5: Rinsing elements Wiper is moving

Wiping screen

52%



CANCEL

SKIP



< CLEAN PRINTER

Stage 5/5: Pumping out Wiper is moving

Pumping out

0%



CANCEL

SKIP

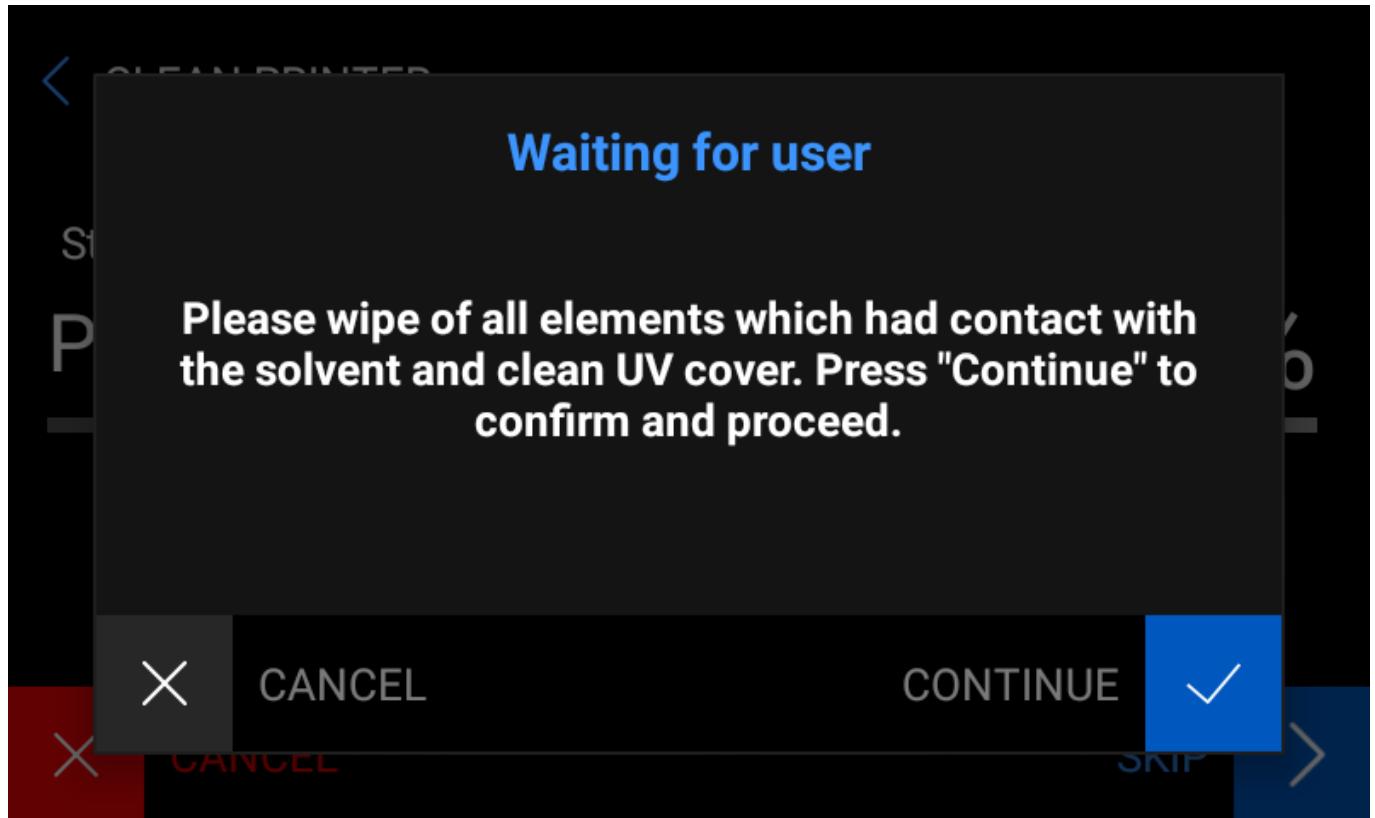




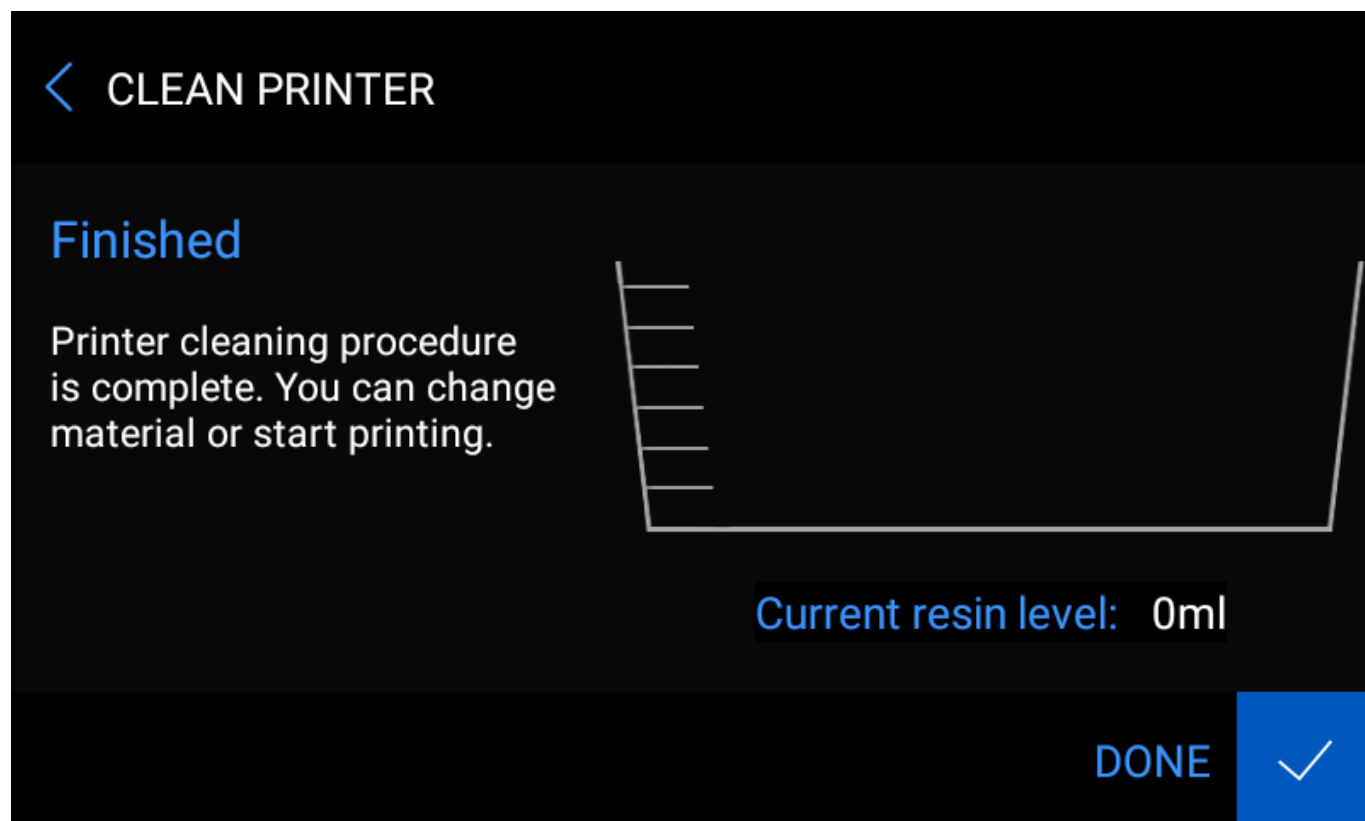
At the stage 5 of *Pumping Out*, you can use the plastic spatula included in the Starter Kit in order to help remove the remaining solvent. Make sure not to damage the FEP film.

Finishig the Cleaning Procedure

Once all the solvent has been pumped out, you can complete the cleaning process.



Use a paper towel to gently clean the resin vat from remaining solvent. Make sure not to damage the FEP film. When done, click *Continue* on the screen.



The cleaning process has been finished.