Cleaning the Resin Vat with IPA Solvent

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

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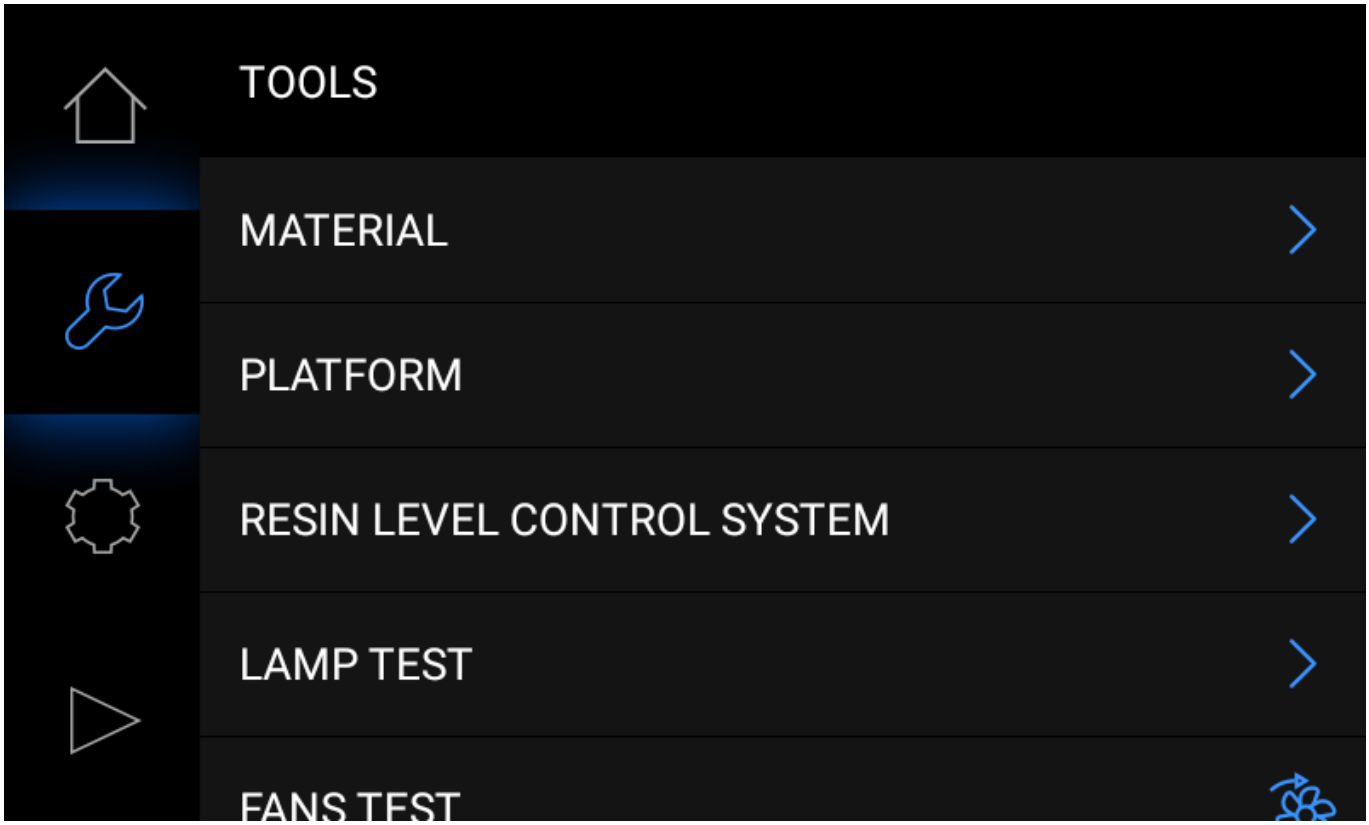
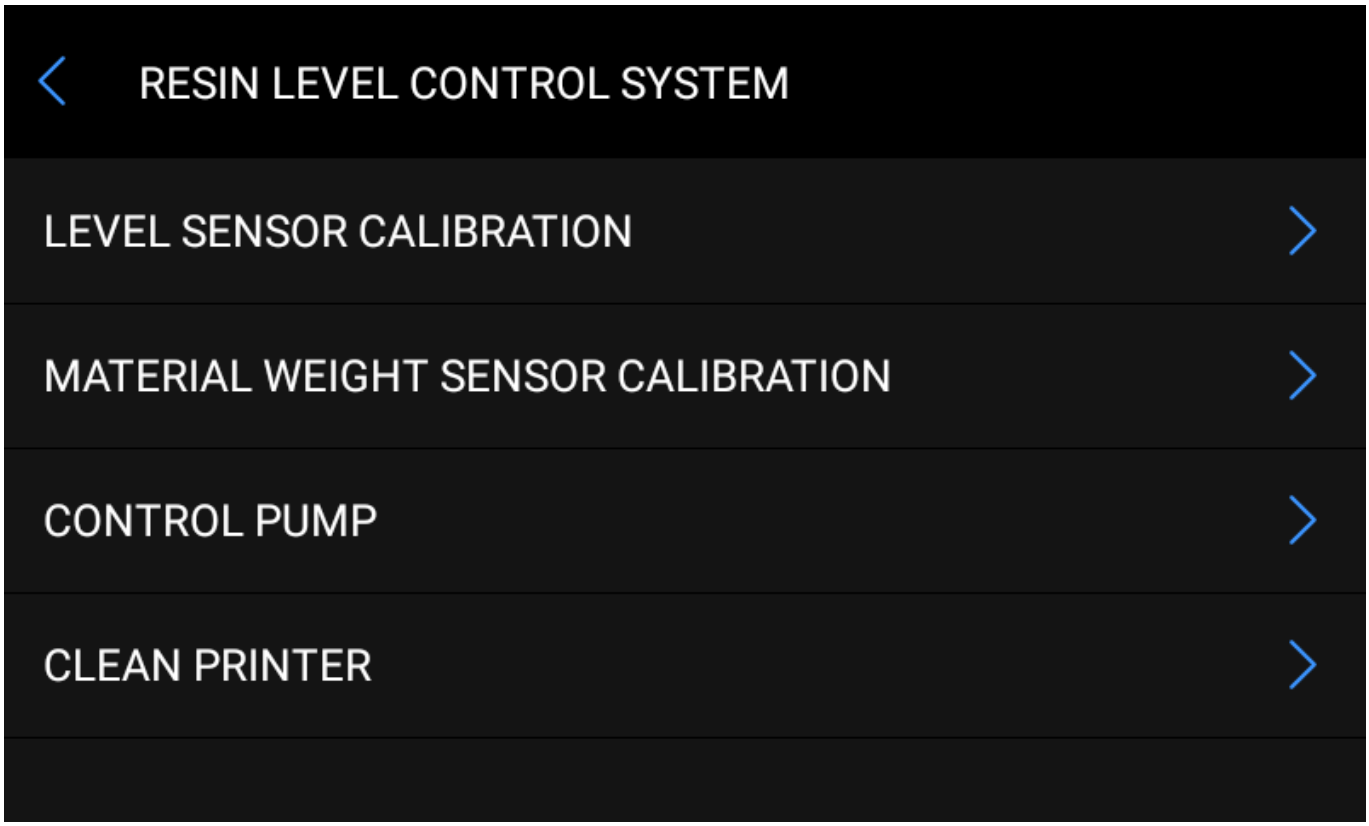
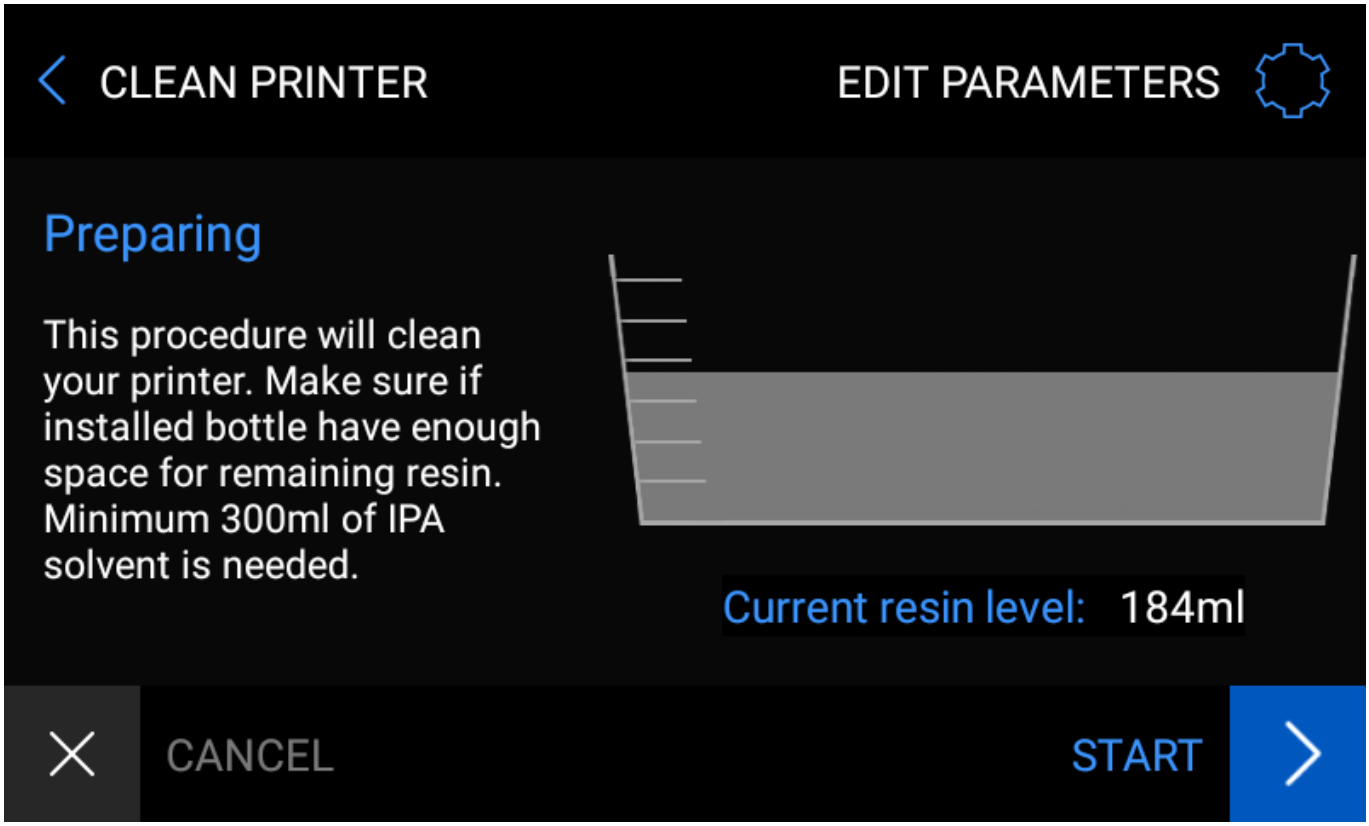
Navigating through the Menu

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

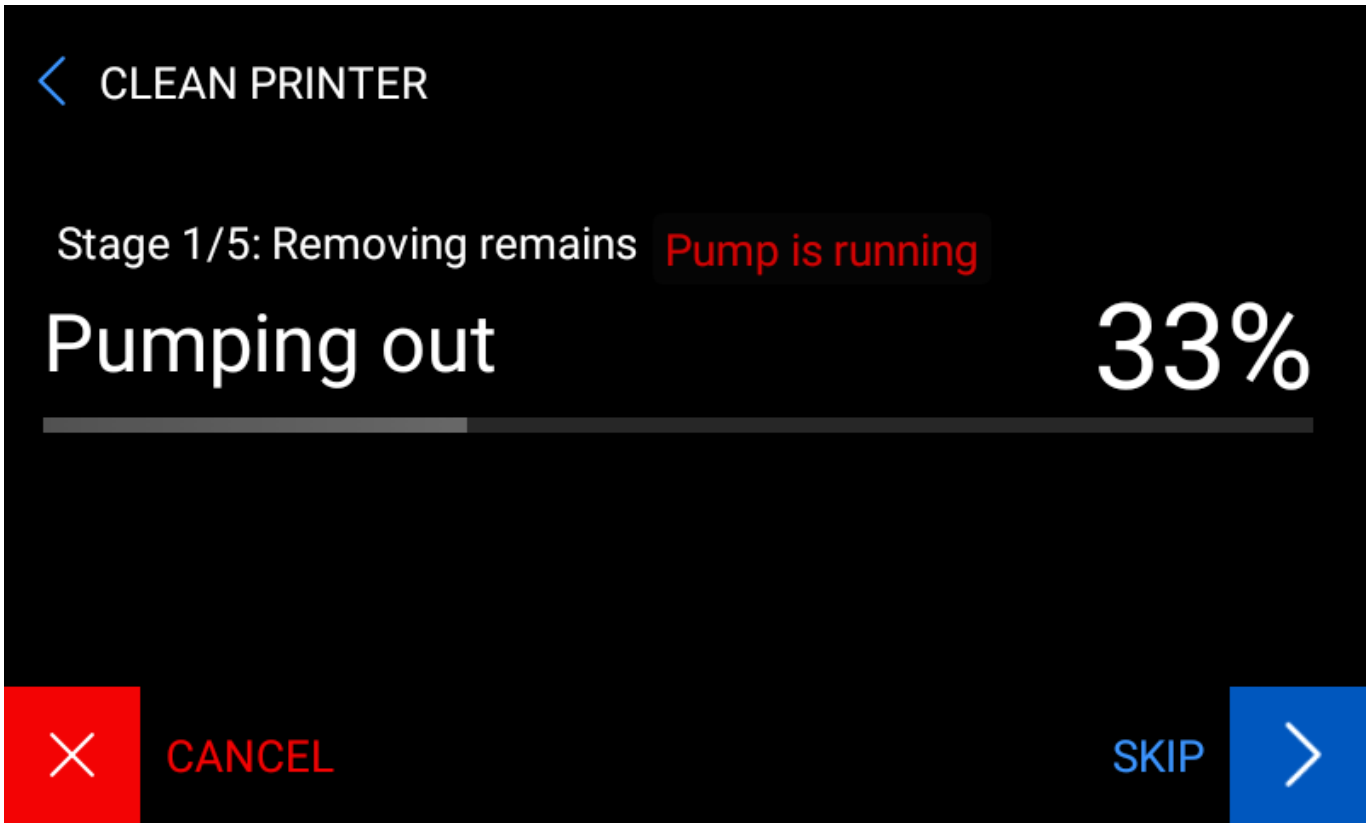


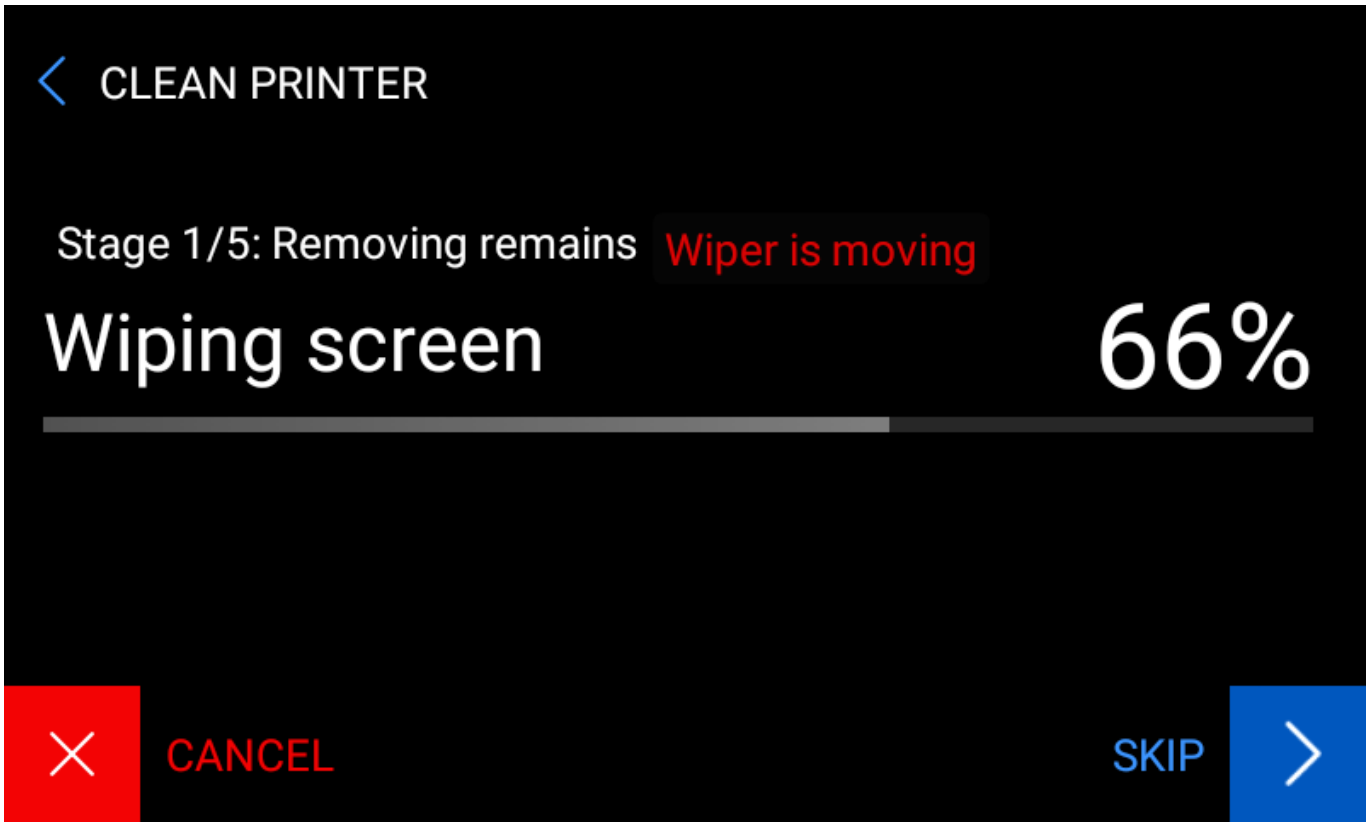

RESIN LEVEL CONTROL SYSTEM
LEVEL SENSOR CALIBRATION
MATERIAL WEIGHT SENSOR CALIBRATION
CONTROL PUMP
CLEAN PRINTER


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

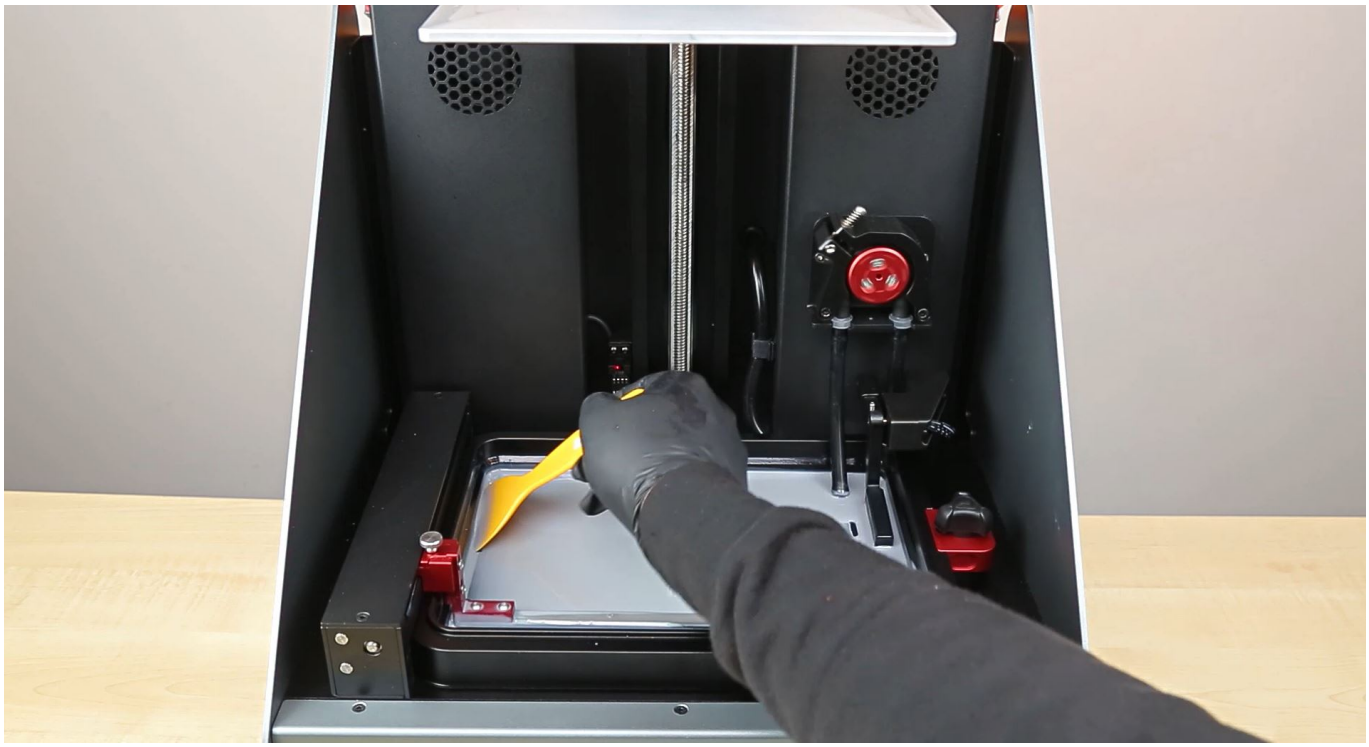
Pumping out and Wiping

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




CLEAN PRINTER
Stage 1/5: Removing remains
Wiper is moving
Wiping screen
66%
CANCEL
SKIP

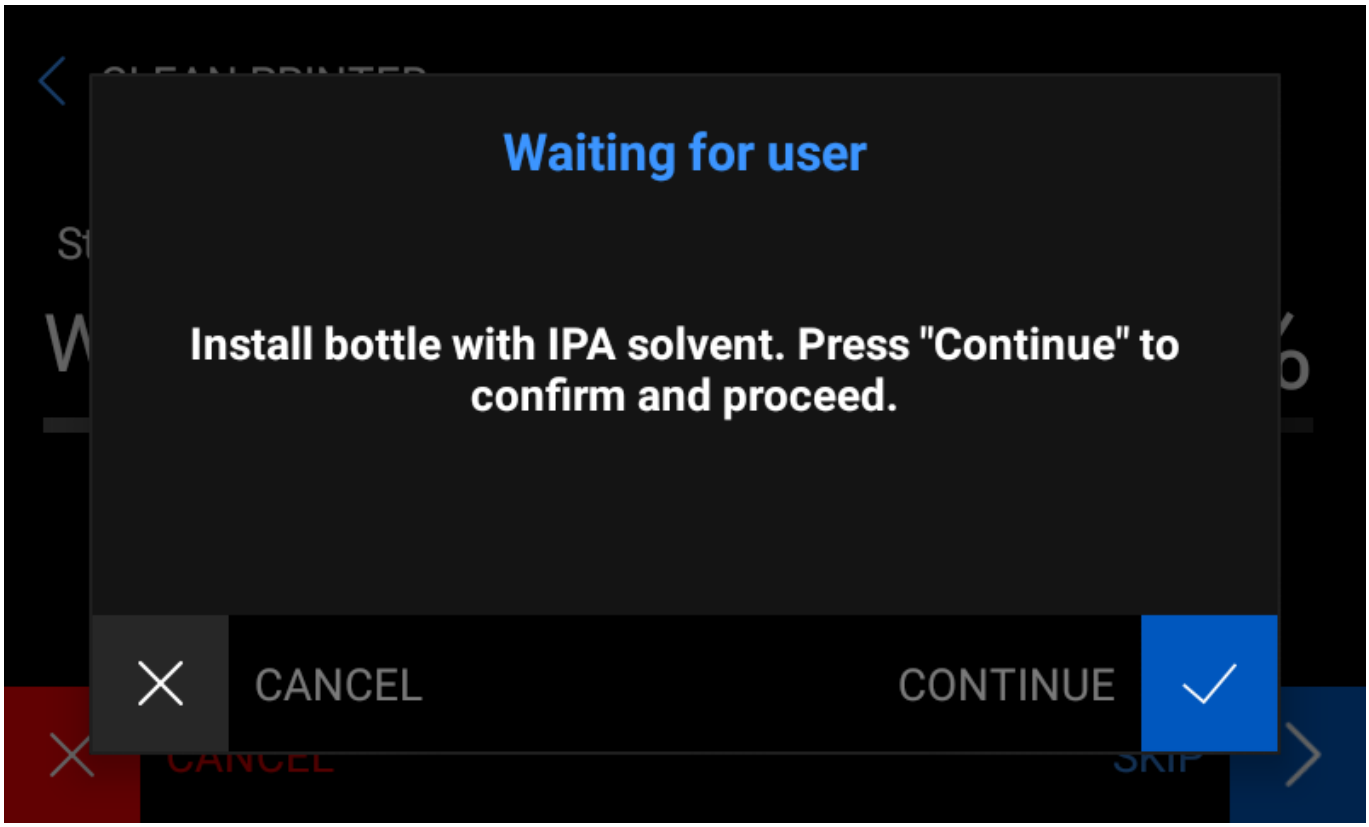
Using the Spatula



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

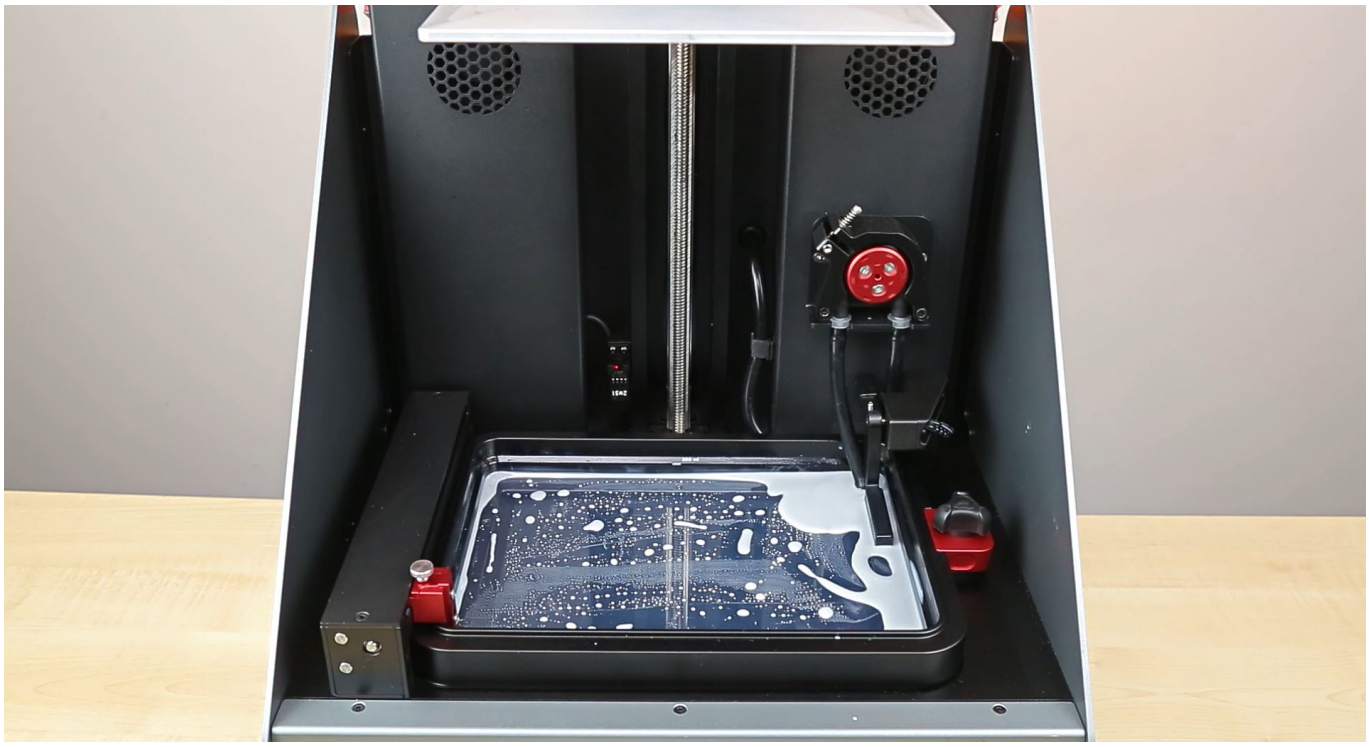
Once the resin has been pumped out, place a bottle with isopropyl alcohol next to the bottle with resin. Clean the tube with a paper towel and install it into the bottle with the solvent. Press *Continue*.



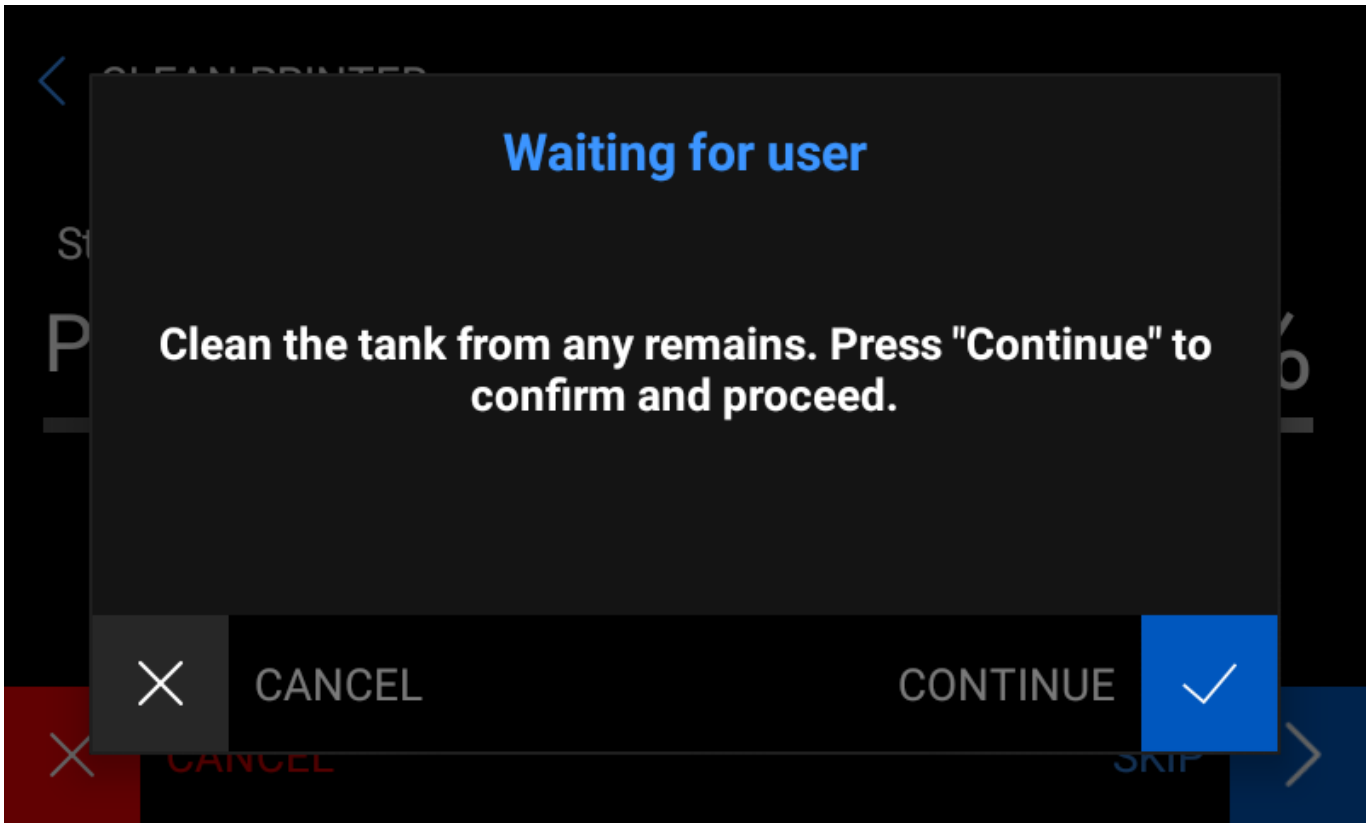
zortrax INKSPIRE 2
Desktop 3D Printer
zortrax
Zortrax Resin TOUGH
GREY
WIFI
ETHERNET

zortrax INKSPIRE 2
Desktop 3D Printer
zortrax
Zortrax Resin TOUGH
GREY

Pumping the IPA Solvent in

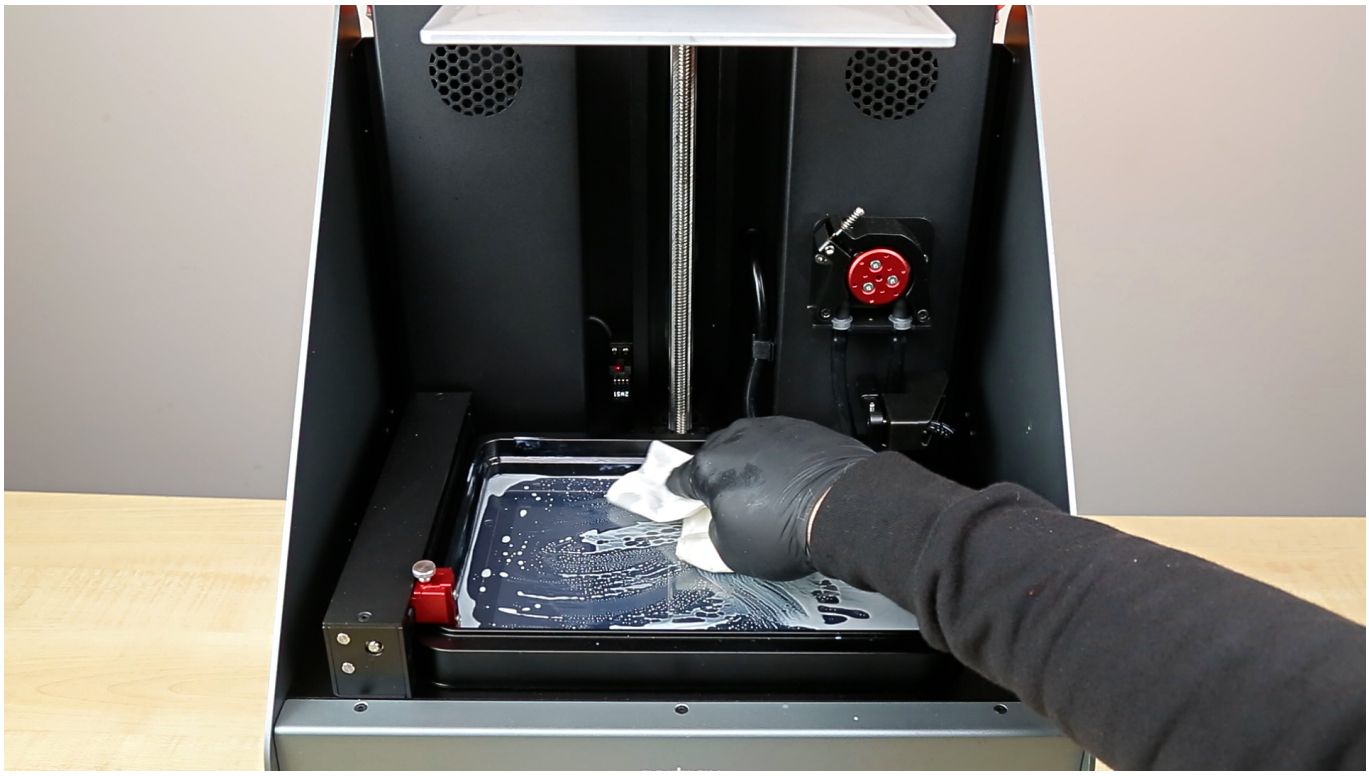


The printer will now start pumping the IPA solvent into the resin vat.

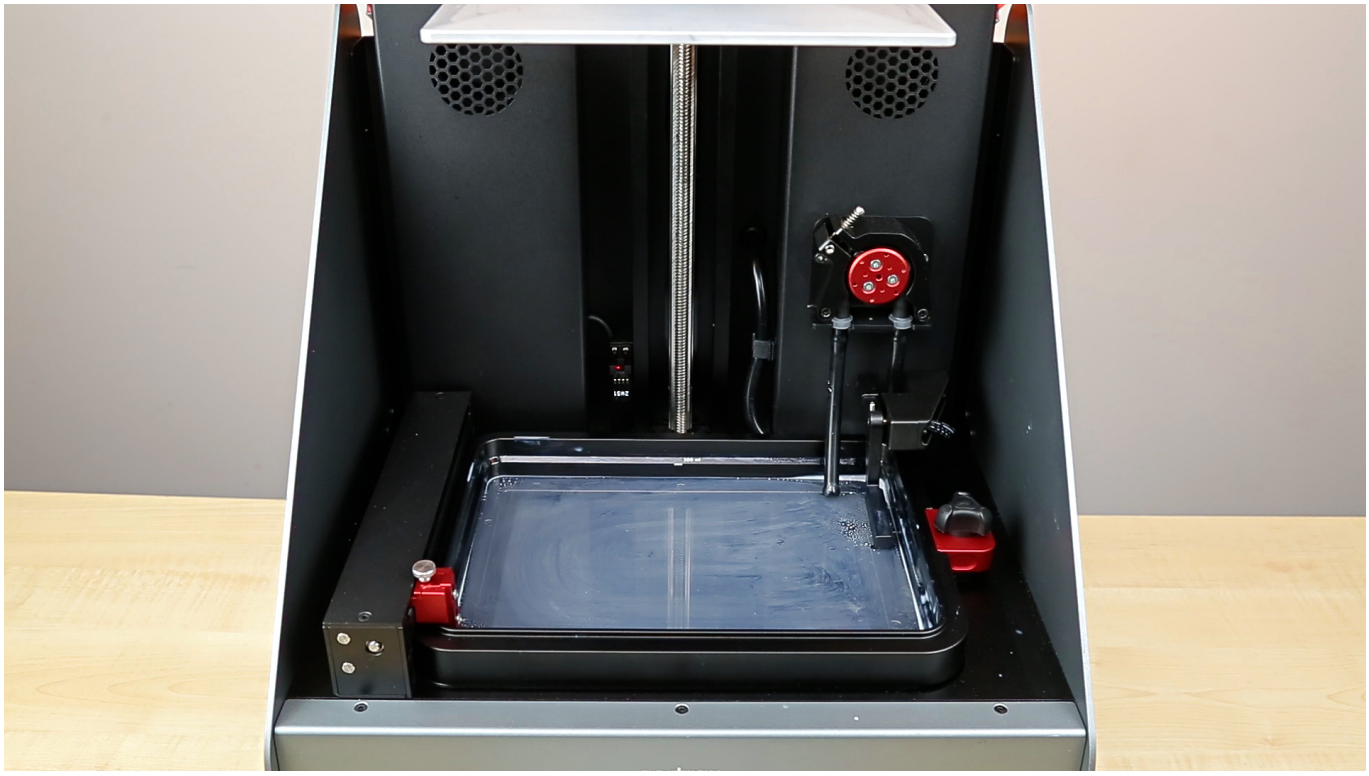


Once the IPA solvent has been pumped in, you can start cleaning the resin vat.

Resin Vat Cleaning

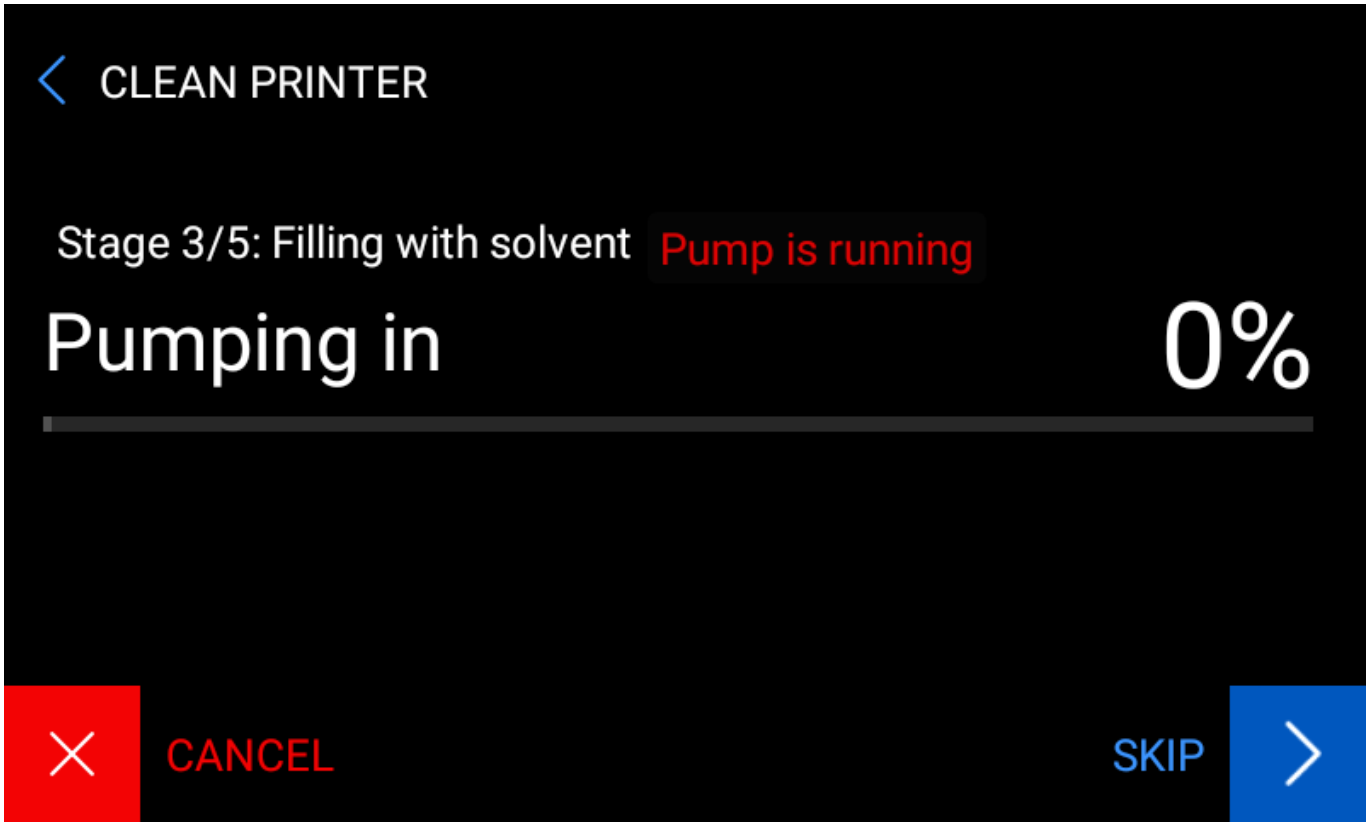


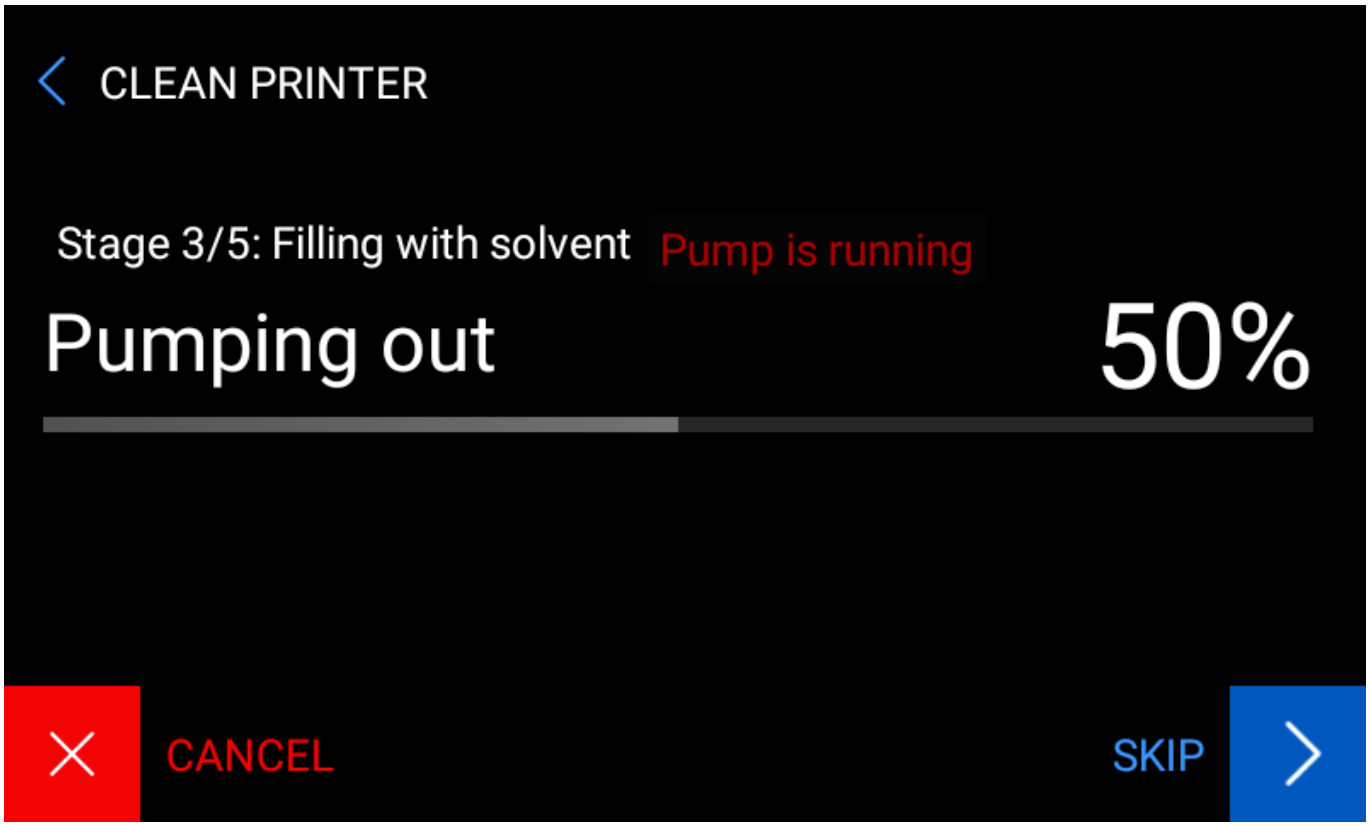
Clean the resin vat from remaining resin using paper towels. Make sure not to damage the FEP film. Once you cleaned the vat, click *Continue*.

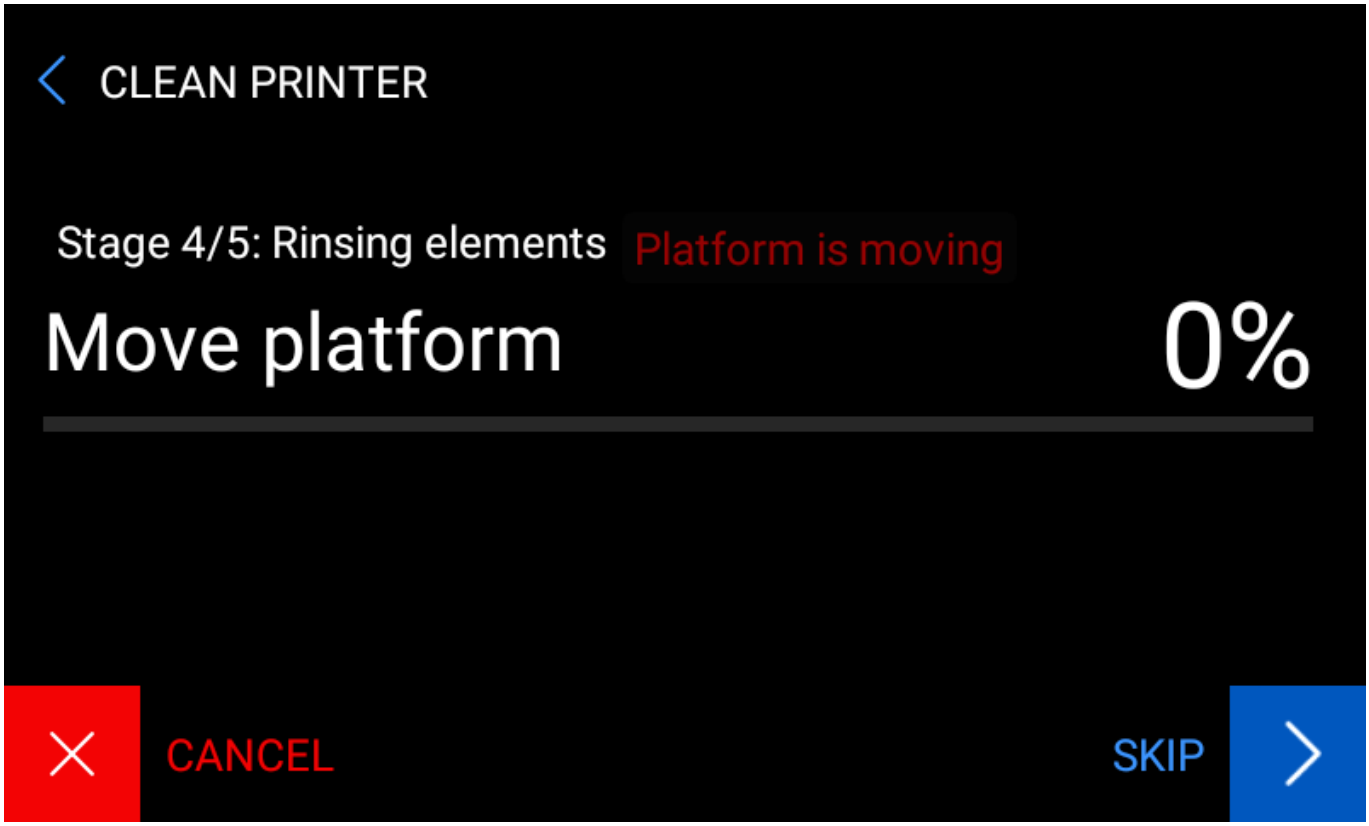


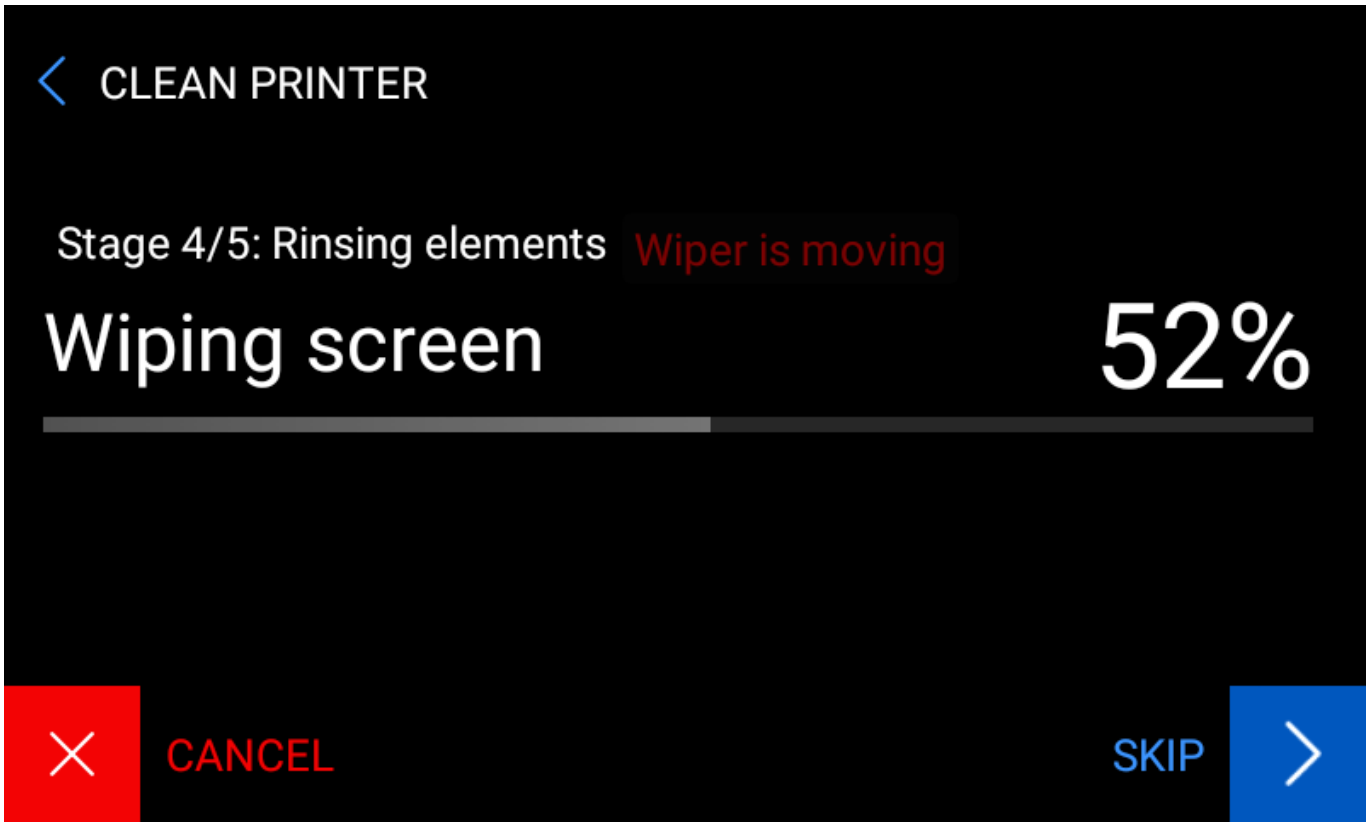
At this point, the printer will start automatic resin vat and platform cleaning.

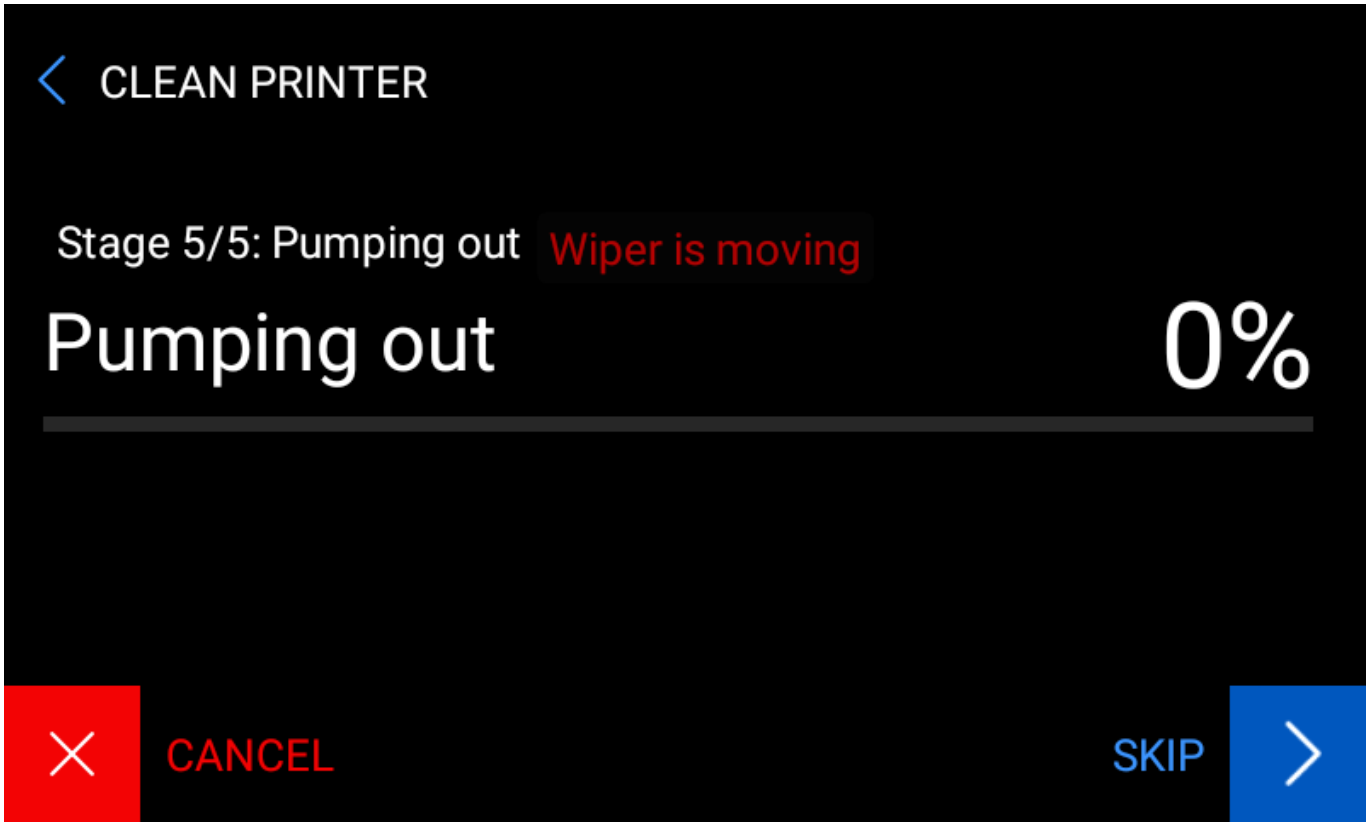
Follow instructions displayed on the screen.

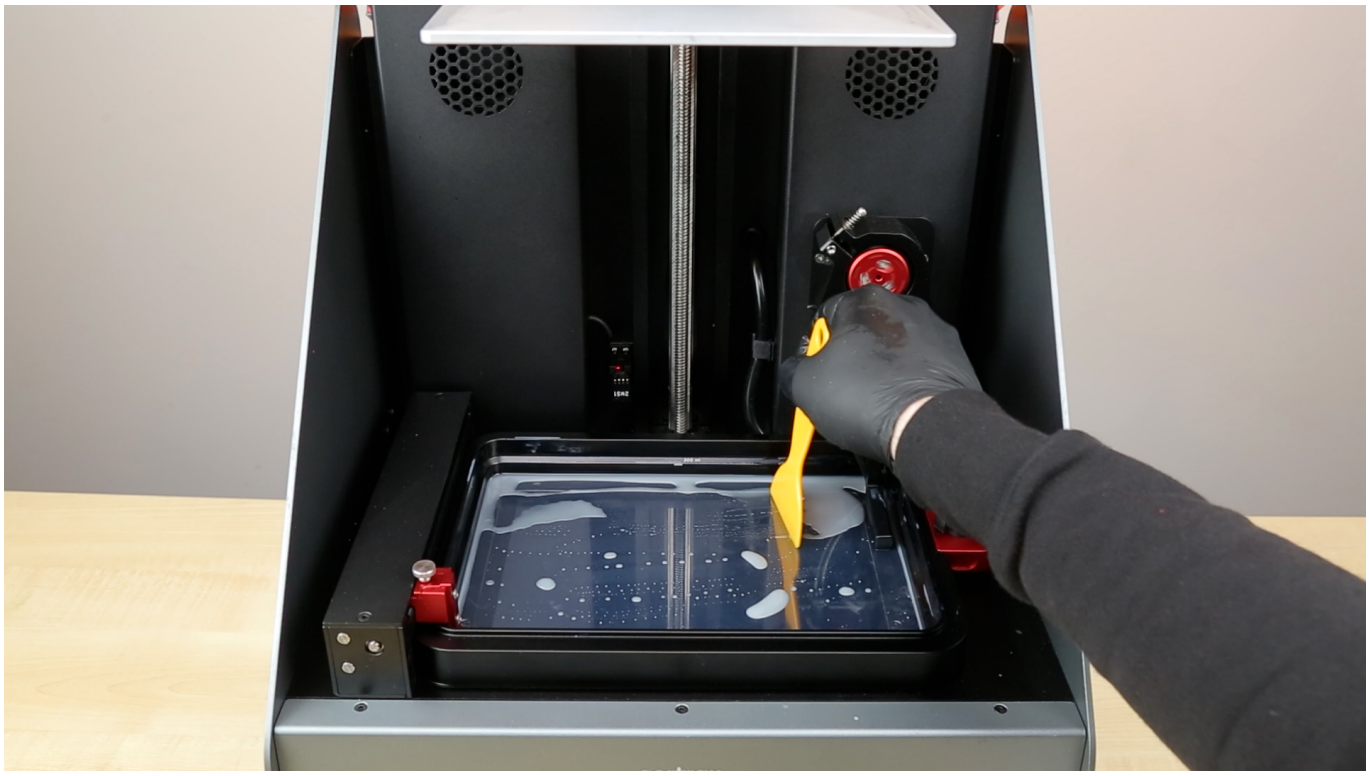



CLEAN PRINTER
Stage 3/5: Filling with solvent
Pump is running
Pumping out
50%
CANCEL
SKIP


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

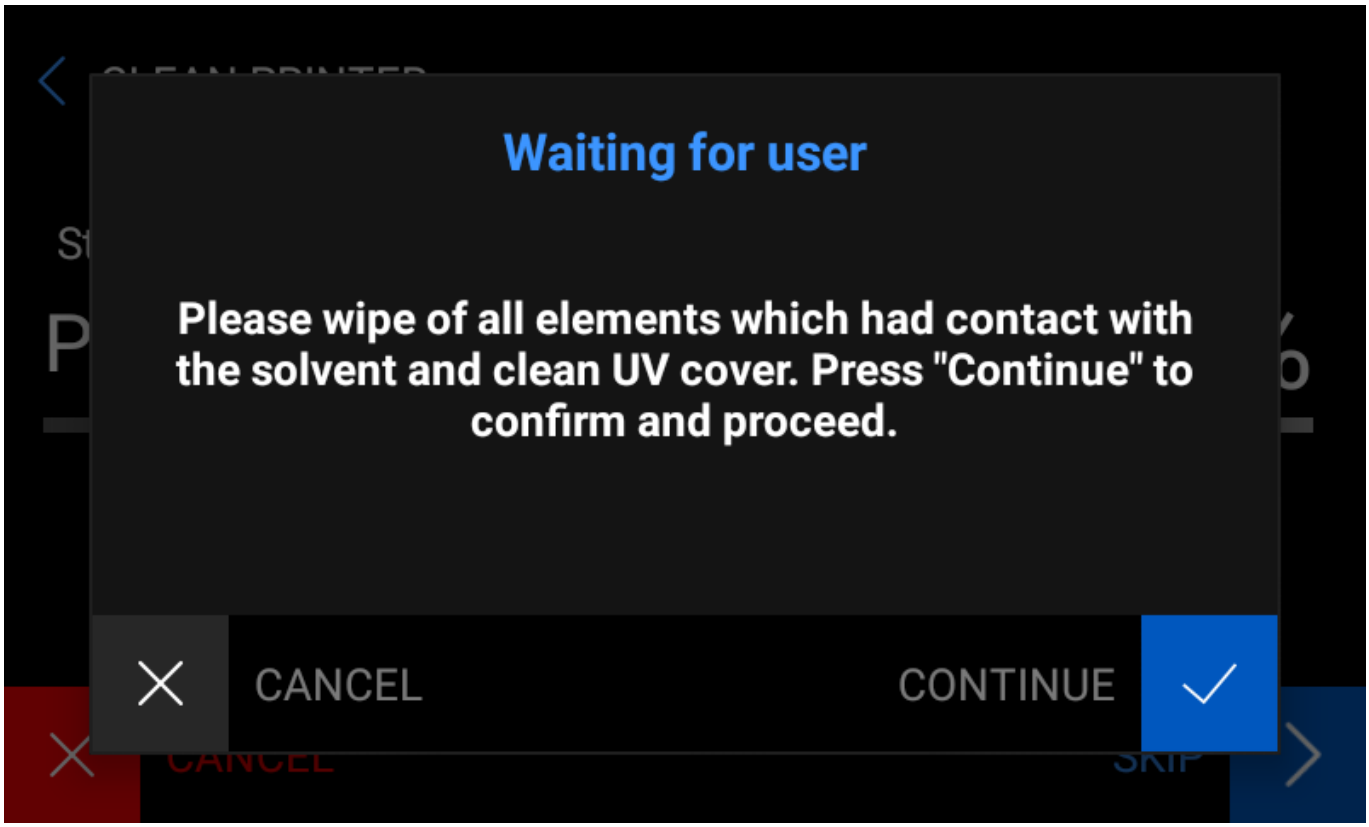

CLEAN PRINTER
Stage 5/5: Pumping out
Wiper is moving
Pumping out
0%
CANCEL
SKIP

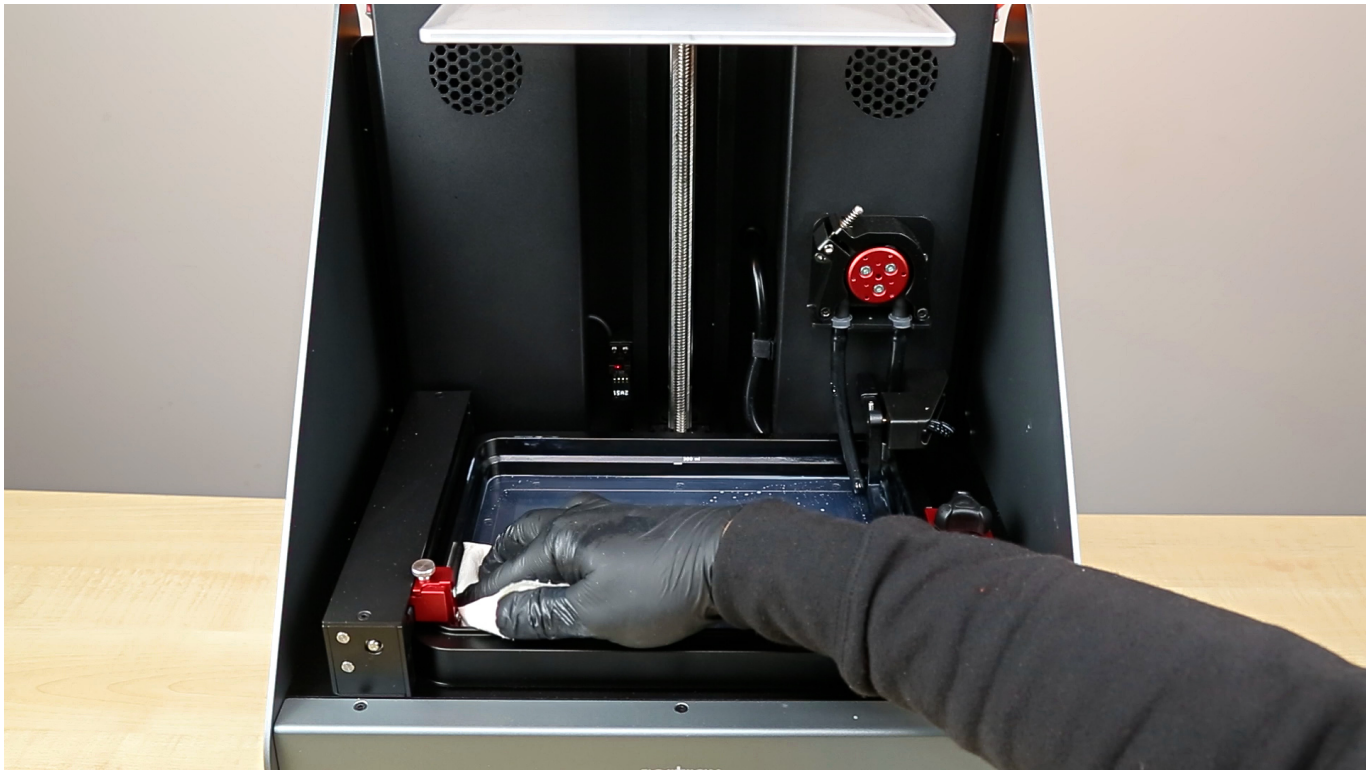


At the stage *5* of *Pumping Out*, you can use the plastic spatula included in the Starter Kit in order to help remove the remaining solvent. Make sure not to damage the FEP film.

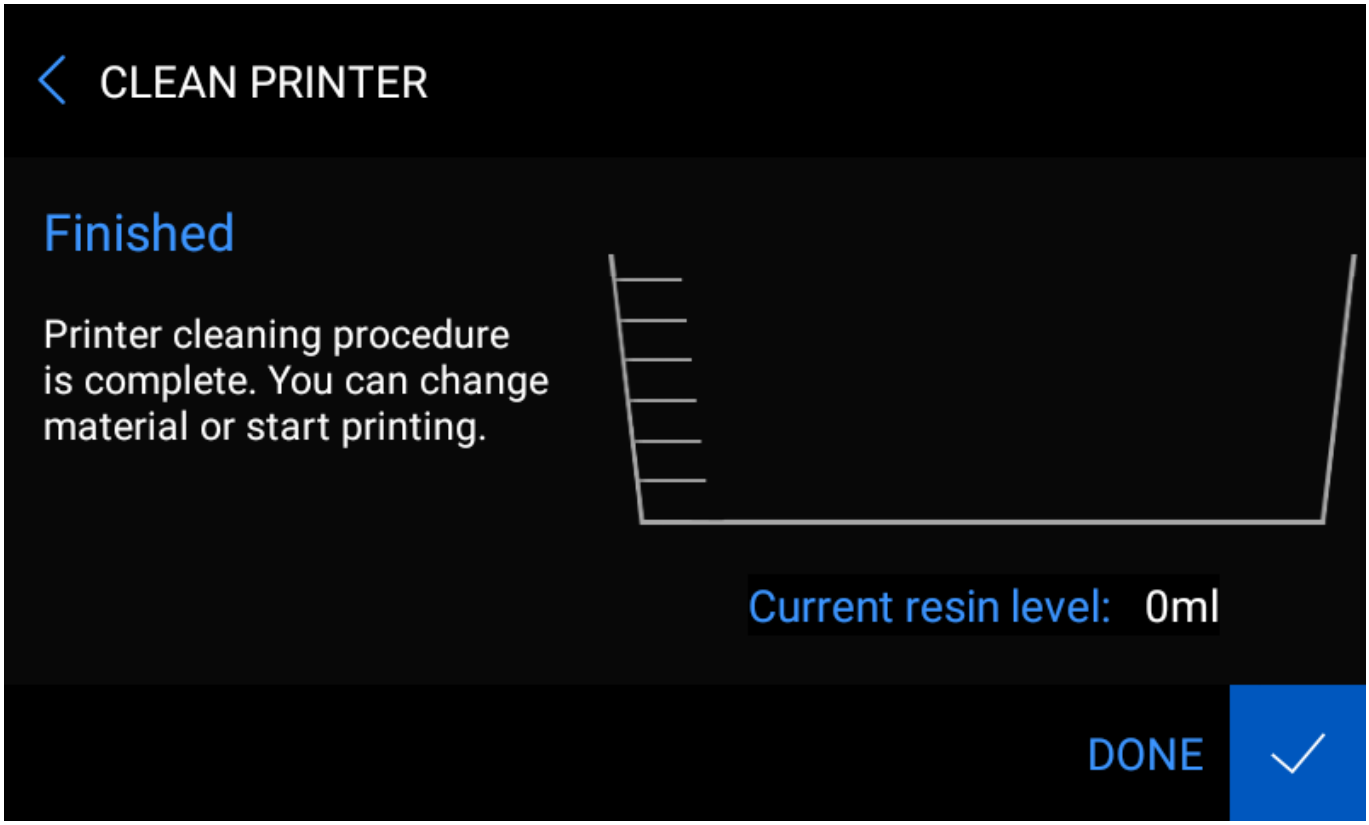
Finishig the Cleaning Procedure

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.