

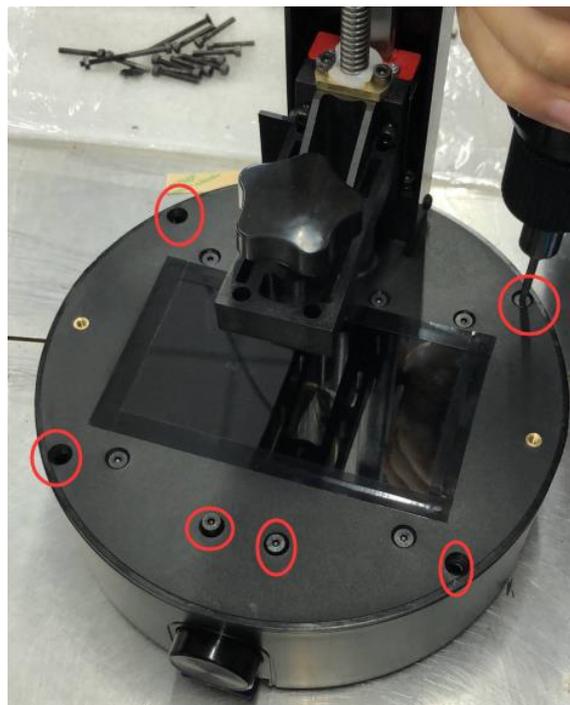
Question 1: During the printing, the printer suddenly stays on and the UV backlight is on.
Reason: the 5P line connecting the UV backlight and the main control panel is pressed by the cooling aluminum foil behind the backlight, leading to the circuit problem.
Solution: disassemble the machine and adjust the 5P of the UV backlight to the gap in front of the backlight.

Steps:

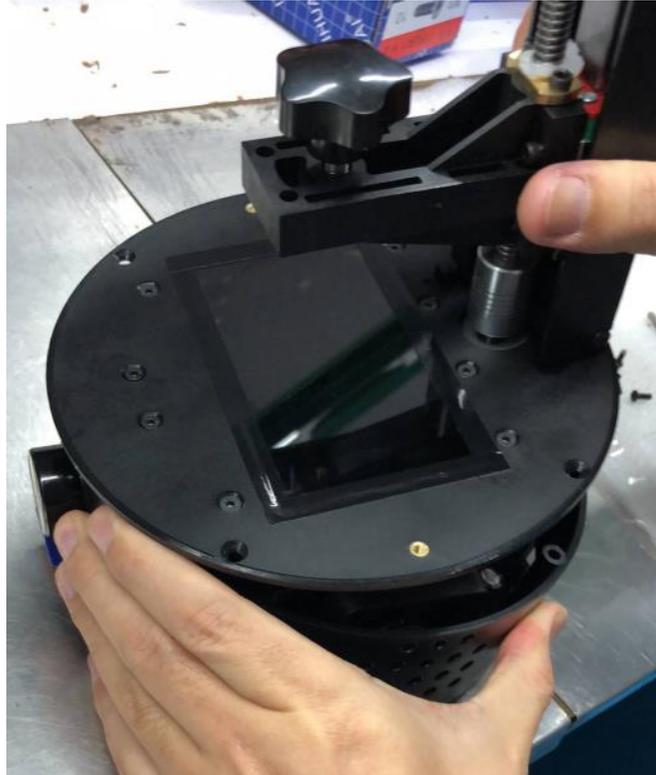
1. Loosen three screws on the bottom.



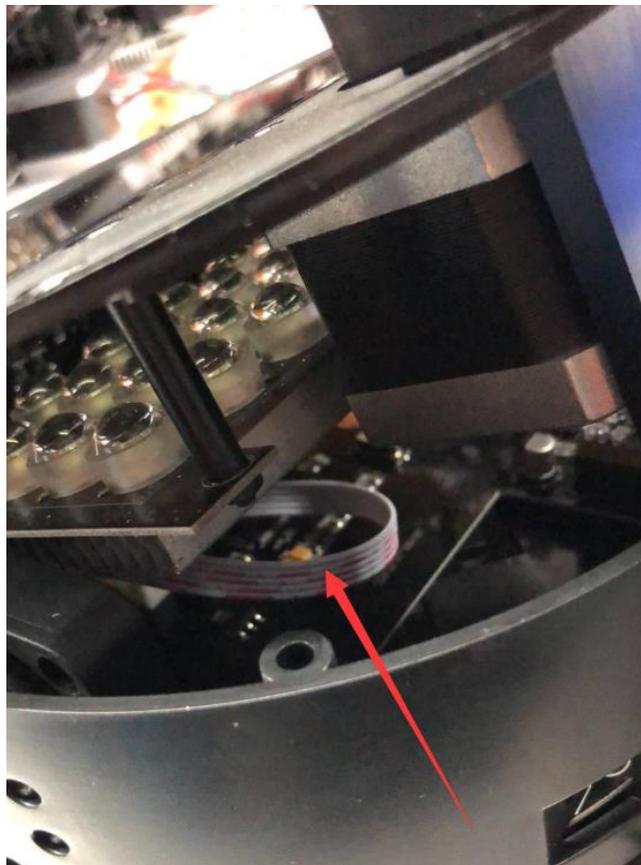
2. Remove the resin tank and loosen six screws on the panel top (remember to collecting the falling nuts).



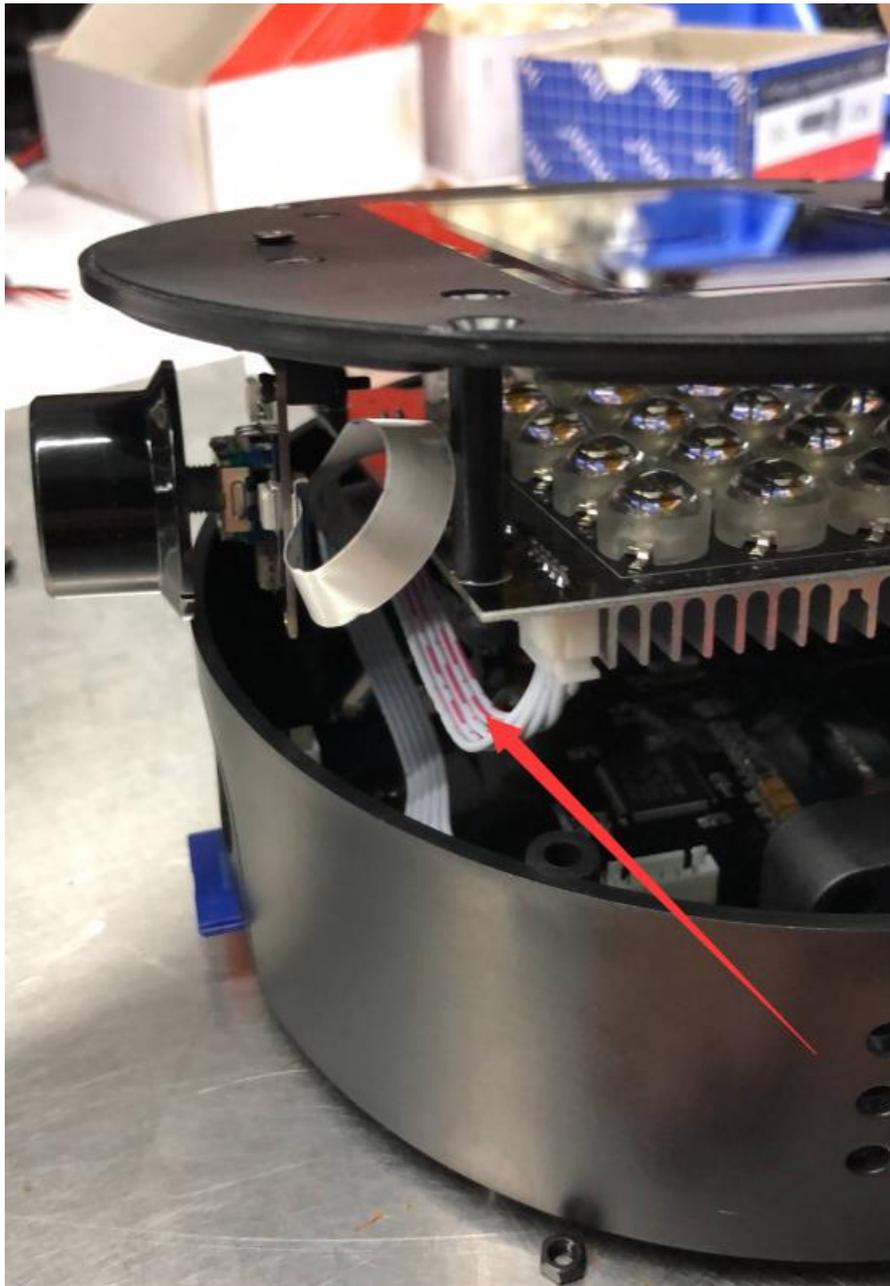
3. Be careful to pick up the upper part, and be careful not to take it too high to avoid breaking the cable.



4. Check 5P connector of the UV backlight, and find that the 5P line is pressed by the cooling aluminum foil behind the backlight.



5. Move the backlight 5P cable to the front.



6. Fully installed the SparkMaker, problem solved, continue to print

Question 2: The platform wobbles when it falls.

Reason: the installation position of screw brass nut is not in place, and it leading to deviation;

Solution: move the cantilever to the top, loosen the copper nut mounting screw, push the copper nut into the guide rail, and tighten the copper nut to install the screw.

Steps:

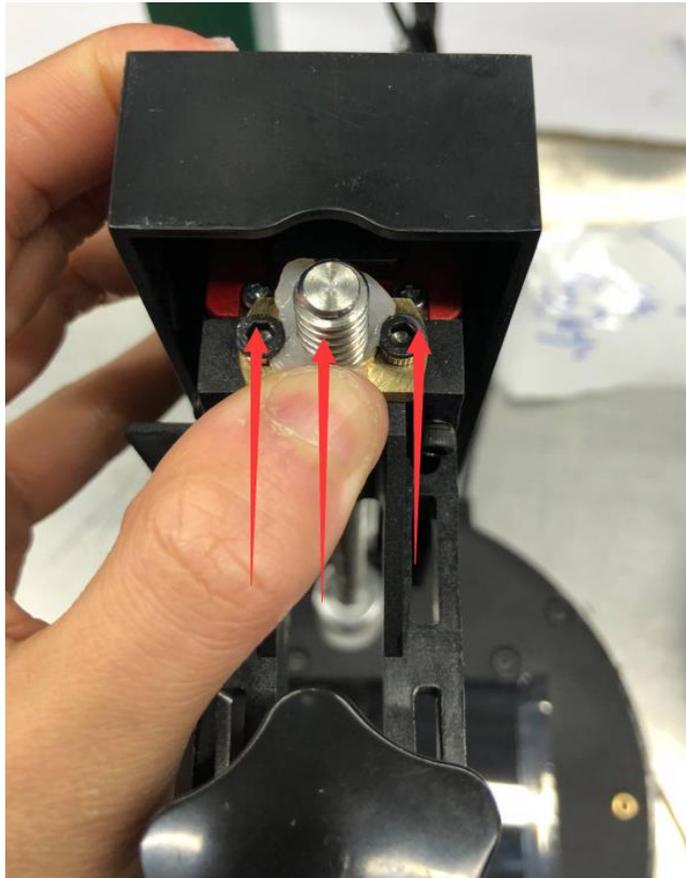
1. Move the cantilever to the top.



2. Loosen the copper nut mounting screw.



3. Push the copper nut into the guide rail.



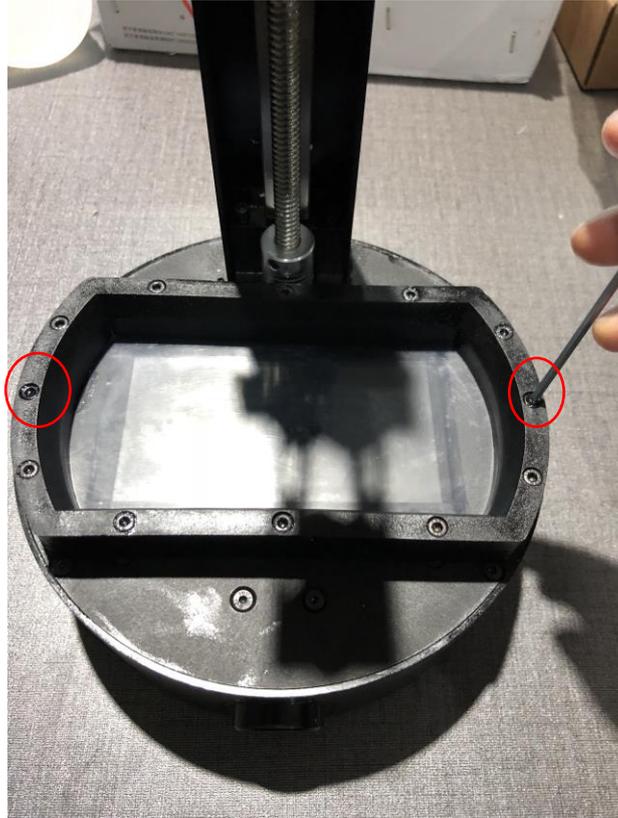
4. Tighten the copper nut to install the screw.



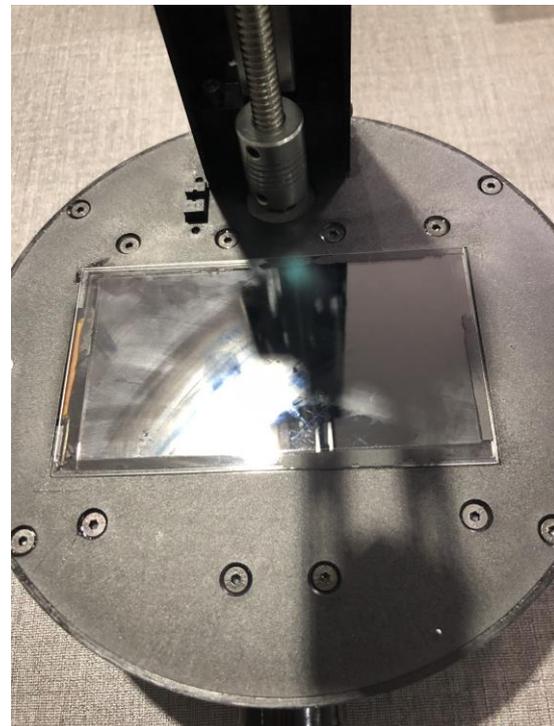
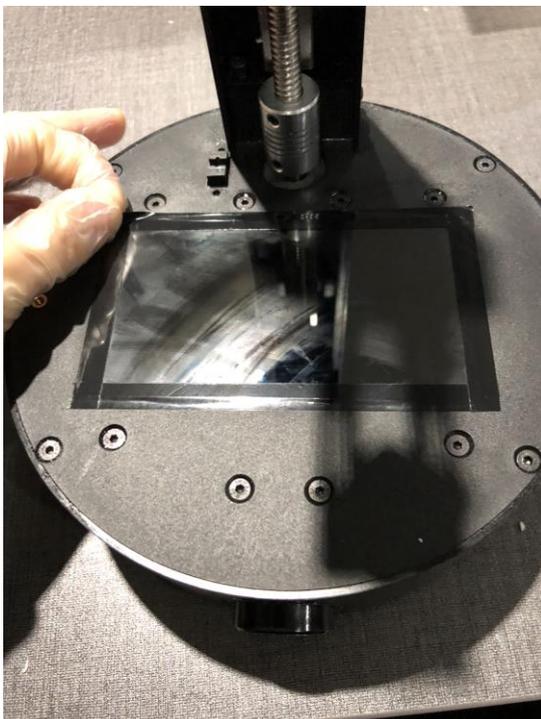
5. Releveling the molding platform, problem solving, continue printing.

Question 3: Move the LCD position, effectively improve the printing accuracy method (It will increase the damage probability of the LCD screen, please be careful to choose).

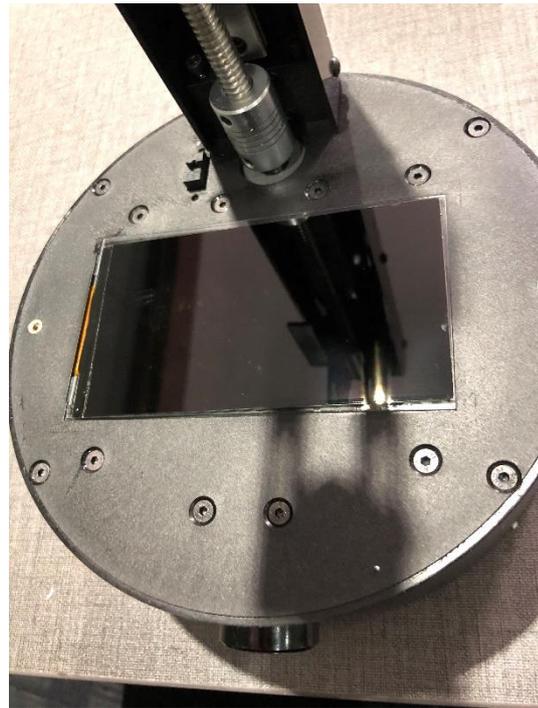
1. Loosen the two screws of resin tank to remove it.



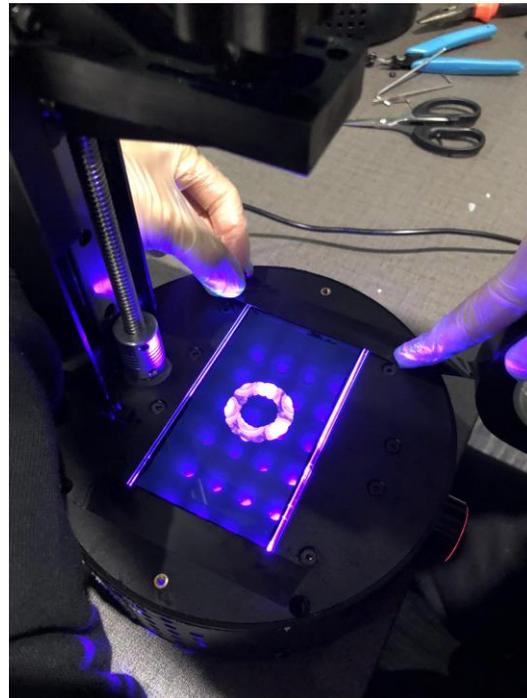
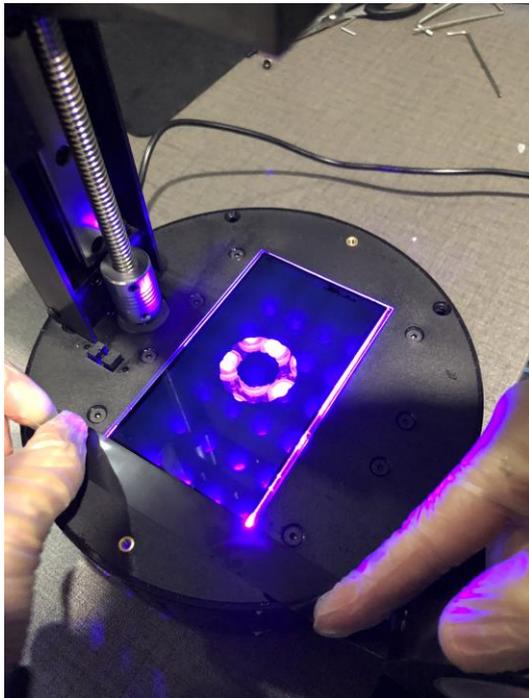
2. Tear off the masking tape around the protective glass.:

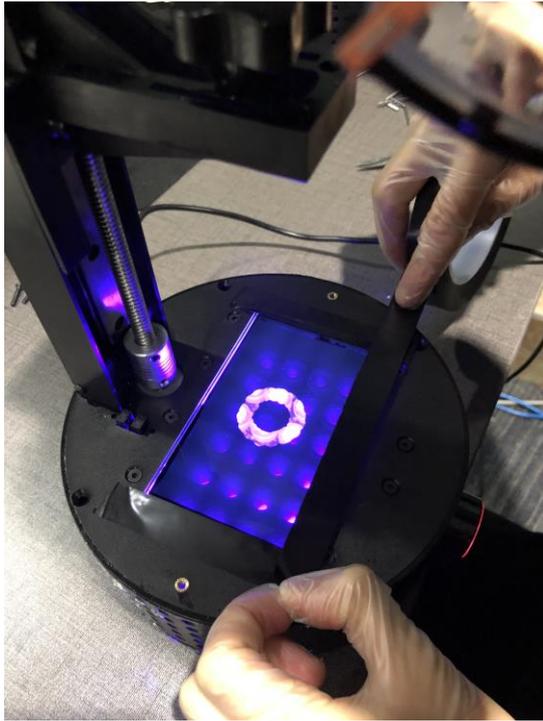


3. Clean the glass and place it under the LCD screen.



4. When the UV backlight is turned on, use masking tape or black tape to stick around and make sure the edges don't leak.:

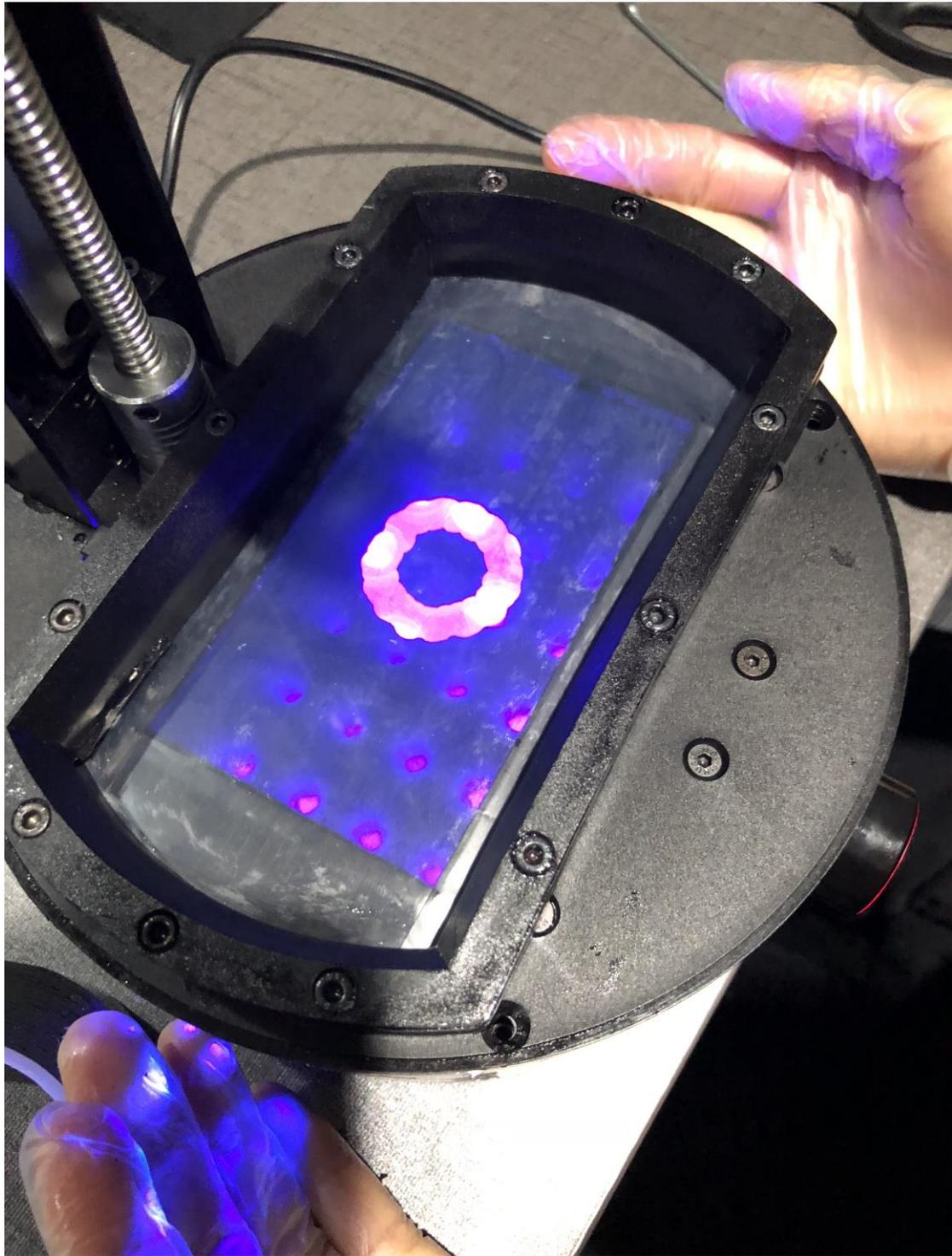




5. Tighten the two screws of the resin tank and install it.



6. Complete the adjustment, note that the printing platform needs to be leveled again.



Question 4: Adjust resin printing parameters and third party resin parameter adjustment. After the print platform leveling is completed, the printing support failure or the platform adhesion instability, you can try to adjust these specific situation a little.

Material: LCD-T

Thickness: (mm)
Fast Balance Best

0.1 0.05 0.025

advanced options

Param Head Tail

Layer Thickness: 0.050 mm

Exposure Time Per layer: 10.00 s

Exposure Strength Grade: 255 bit

Bottom Layers Exposure Time: 60.00 s

Lift Distance: 5.00 mm

Lift Speed: 30.00 mm/min

Decline Speed: 100.00 mm/min

Reset all

Slice

Question 5: A few resin tank permeate leakage.

1. Remove the resin tank, clean the resin on the LCD screen and the glass, pour the resin in the resin tank into the resin bottle, and clean the resin tank.
2. With FEP film material of the tank bottom up, placing it a period of time under UV light or the sun glare, infiltration area of the resin in the UV curing light or the sun closer integration with the chute, achieve the purpose of repair material slot.

