L120 Basic 3D PRINTER

USER OPERATING INSTRUCTIONS

Suzhou Dazzle 3D Printing Technology Co.,Ltd.

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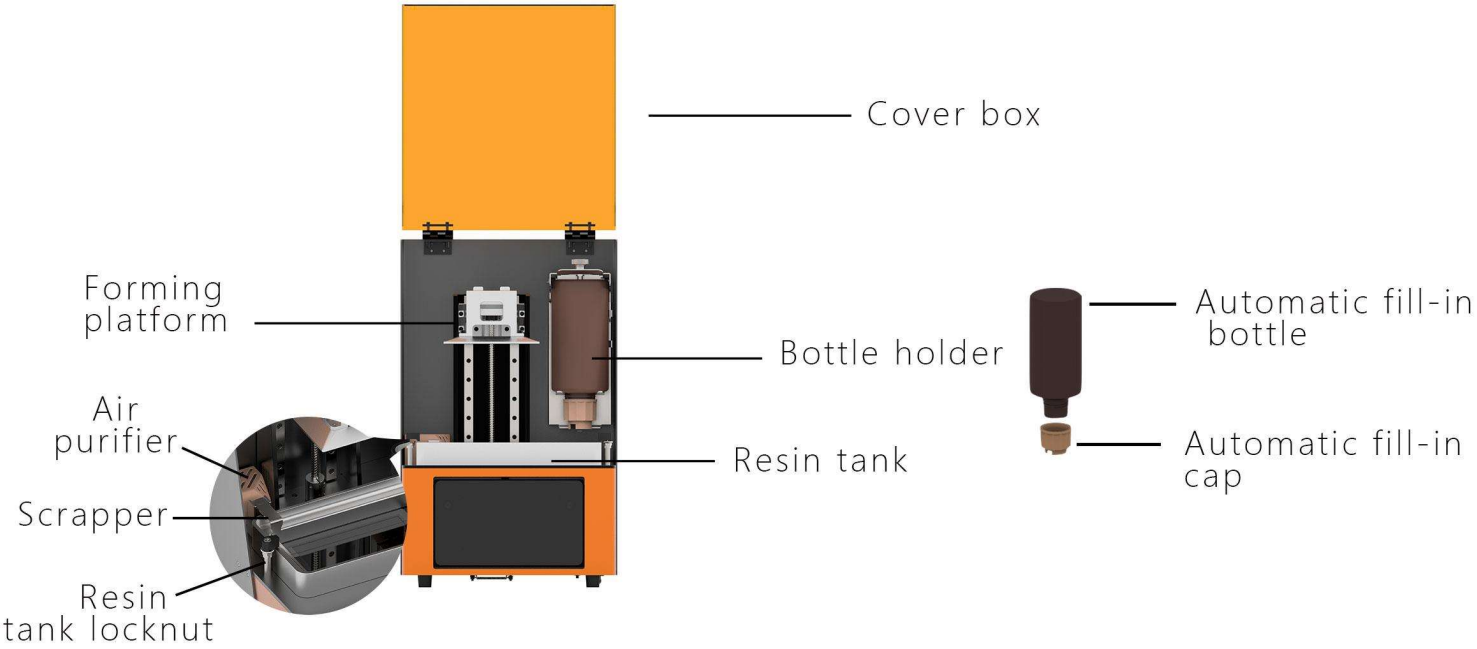
I Introduction

• L120 Basic introduction



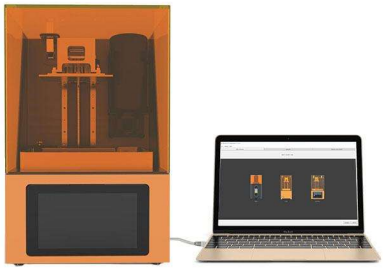
• Accessories introduction

Name	Usage	Name	Usage
① Network cable	To connect printer and computer	⑦ Polishing sand paper	To polish the support points
② Power adaptor	DC power supply	⑧ Cleaning bottle	To clean the resin on the surface of model
③ Resin tank	Printing material container	⑨ Cleaning tank	To soak models
④ Forming platform	Platform for model forming	⑩ Stainless scraper	To remove the model after printing finished
⑤ Disposable filter	To filter the residue in resin	⑪ Disposable gloves	To keep hands clean during aftertreatment
⑥ Scraper	To clean the residue in resin tank	⑫ Tooling frame	To change the release film

Please download software from: www.dazz-3d.com

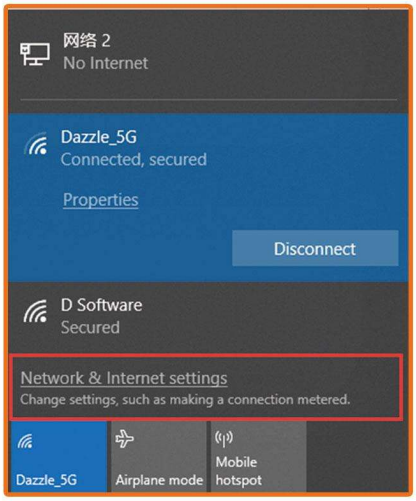
II Device connection

• LAN connection

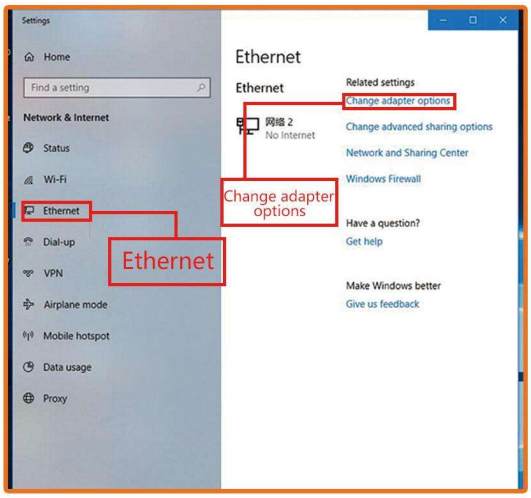


Connect the printer with power

Connect the printer with network cable



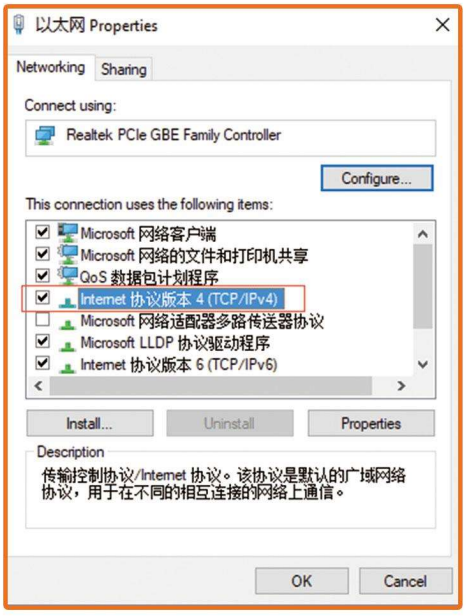
Click "Network &Internet setting"



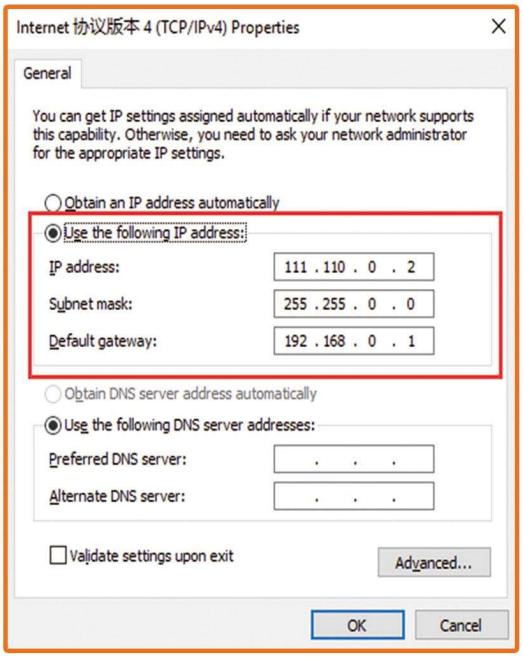
Click"Change adaptor setting"in LAN setting

Choose the LAN connected and click the right button

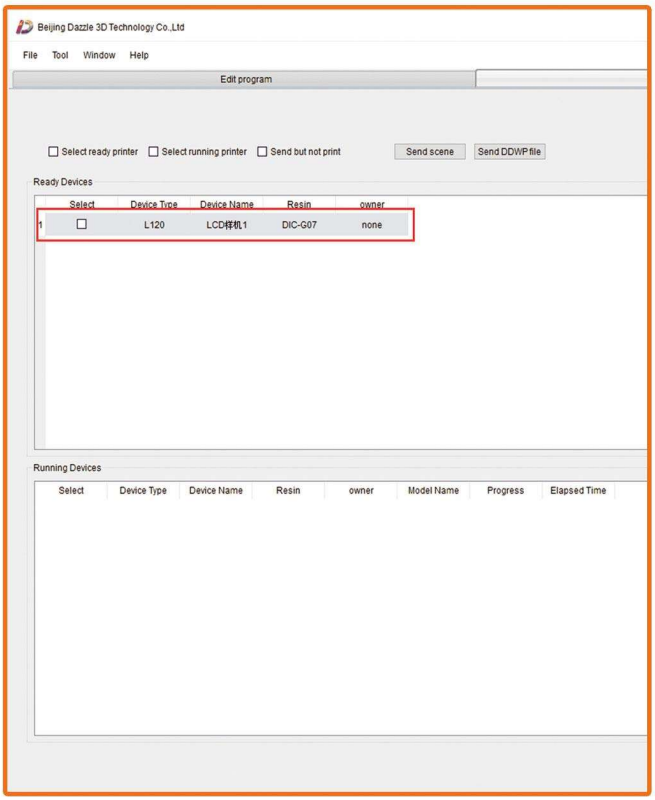
and choose "Properties"



Double click IPv4 for network setting

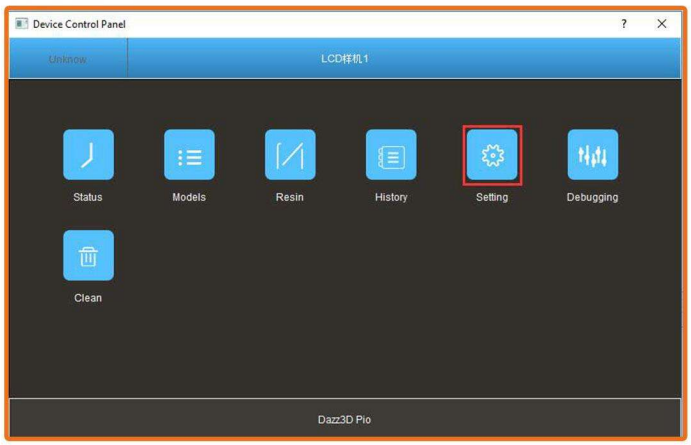


Setting the IP as showed in picture and click "Confirm"

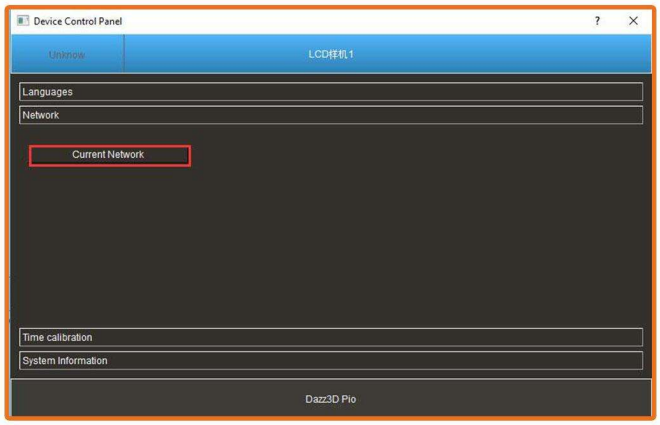


Open the software, if the printer is in the device list, then connection succeeds.

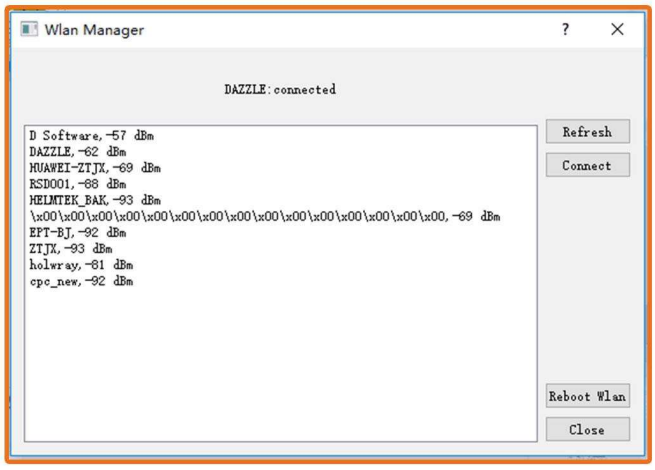
• WIFI connection



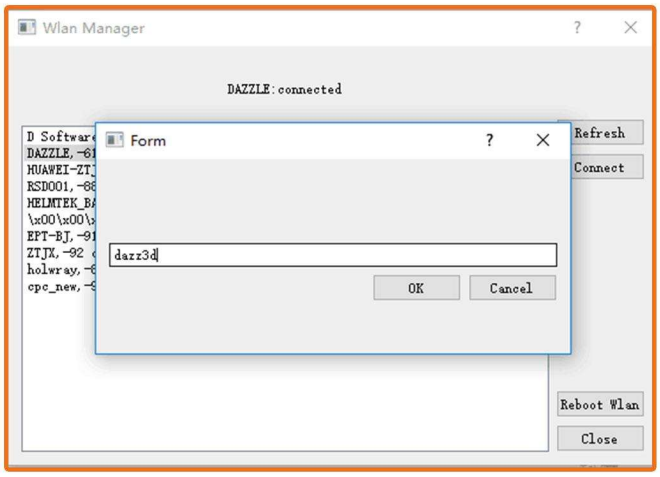
Click "System setting"on the touch screen



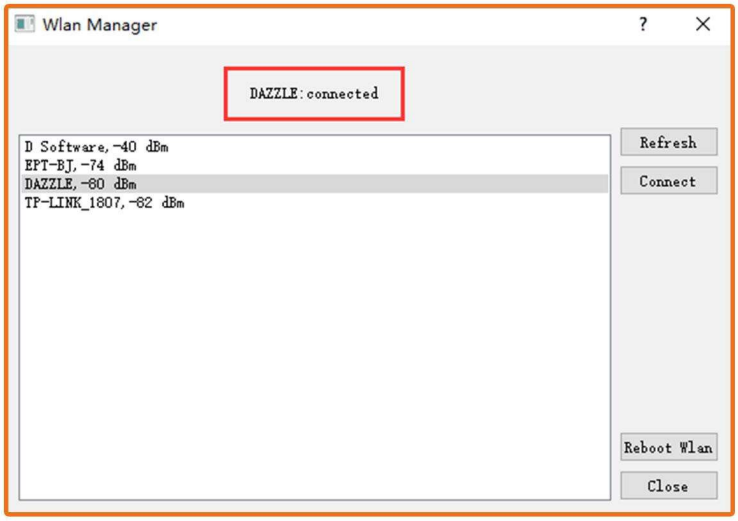
In network setting interface, click "Current network "for network setting



Choose WIFI network and click "Connect"



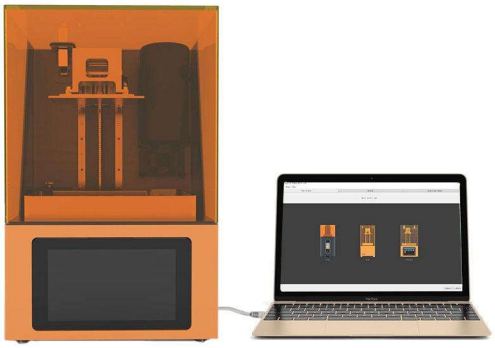
Input WIFI password and click "Confirm"



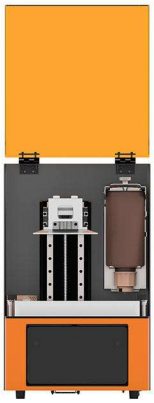
WIFI setting succeed when "Connected " shows on the top.

(Tips: wait 10 seconds after input password.When the WIFI signal is not good, try more,)

Ⅲ Start printing



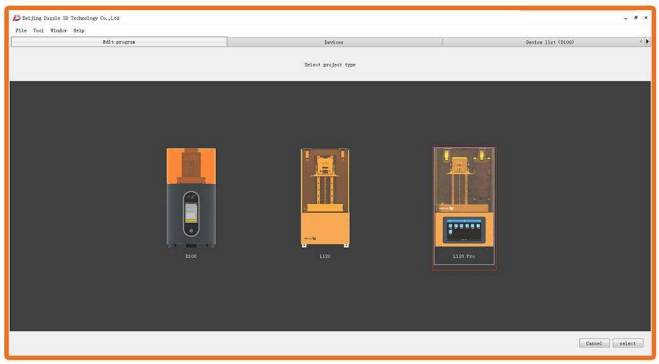
Connect the printer with PC.
(See the instruction "Device connection"in Part II)



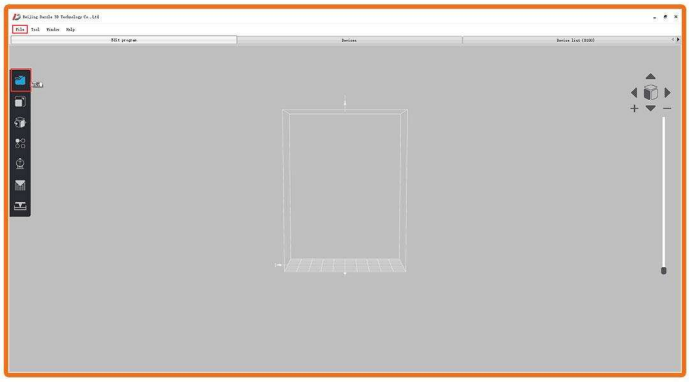
Open the cover box

Get a resin bottle and change into automatic fill-in cap
Assemble the bottle to the holder on the right side.

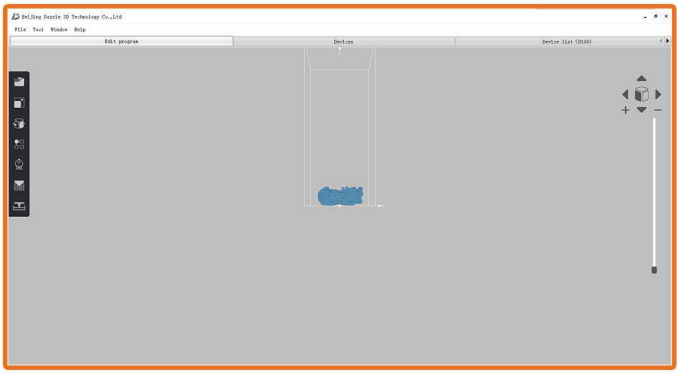
Loosen the clip on the holder and descend the holder to the bottom.Close the cover when resin flow out of the cap.



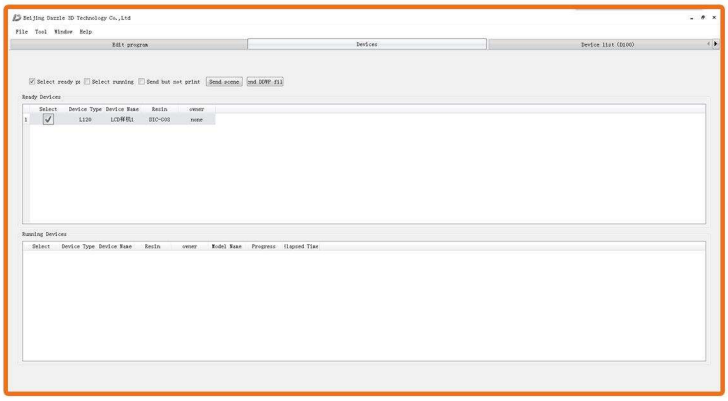
Build new project in software DDStarter



Lead in model for printing.

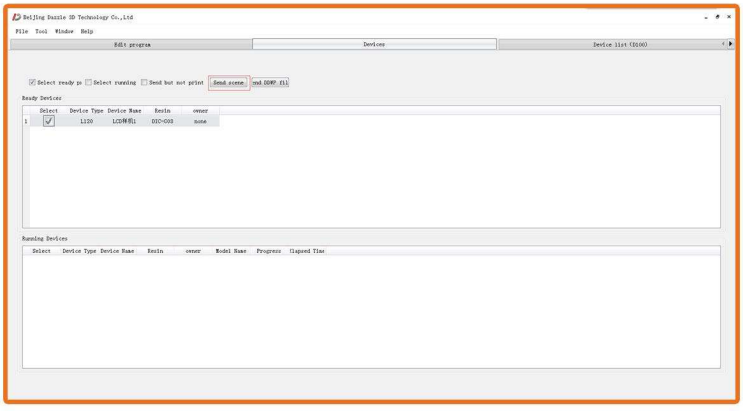


Model layout.

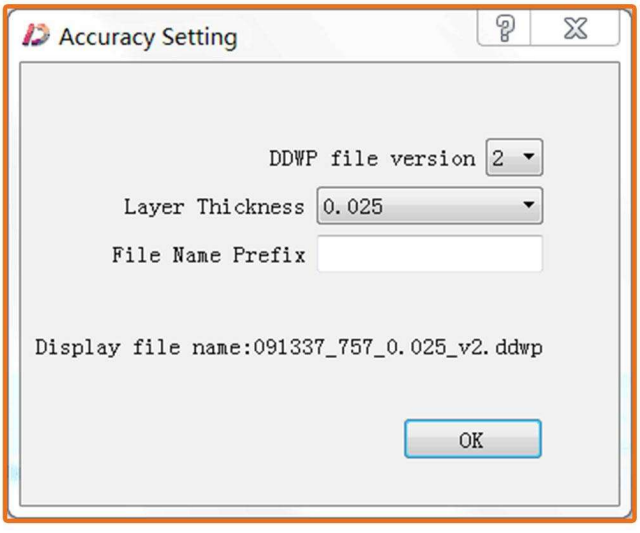


Choose printer.

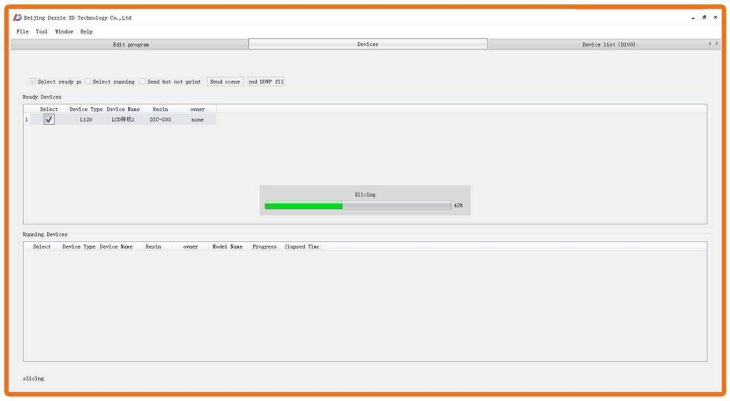
(Tips: Pay attention to the resin parameter. Read "Configuration setting "in part V if you need to revise the parameter.)



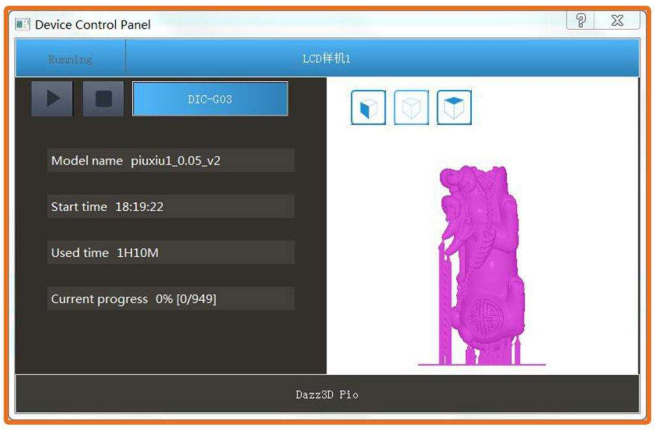
Click "Upload scenario content"



Choose layer thickness and name the task.



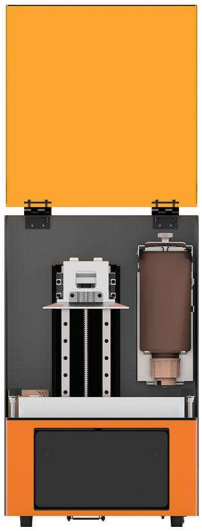
Wait for slicing completed.



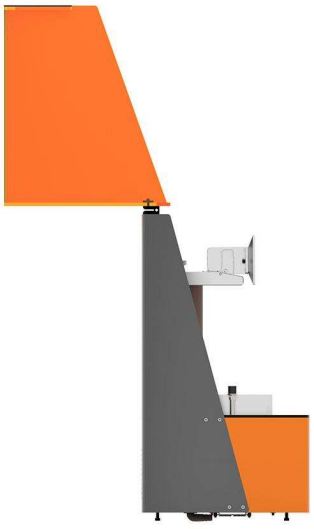
Start printing. Check the printing progress in control panel.

IV Post-curing

- Clean the model

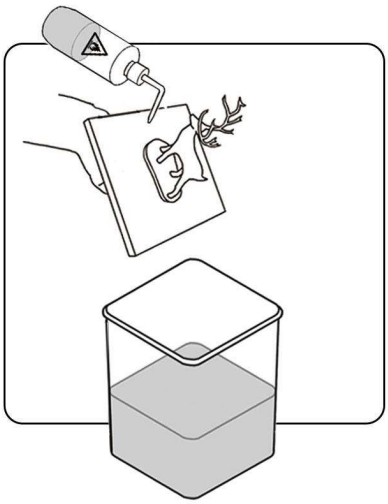


Open the cover box.



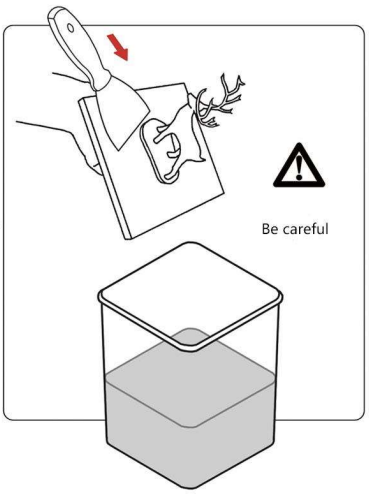
Take out the forming platform

(Tips: Turn the forming platform 90 degree and hang it on the arm to dry it before take it out.)



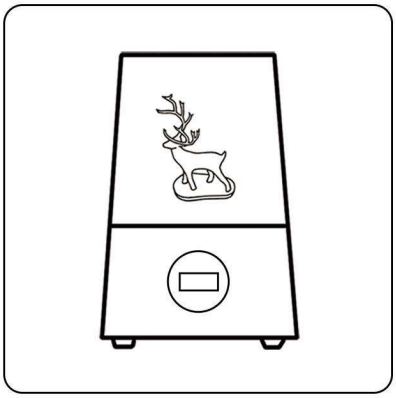
Clean the model with 95%-99.9% ethanol (alcohol)

(Tips:Postcure the model as required)



Take the model out with shovel from the forming platform.

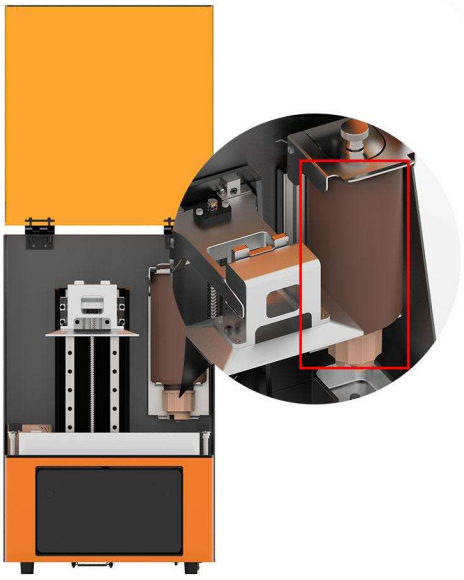
Remove the supports when model is dry



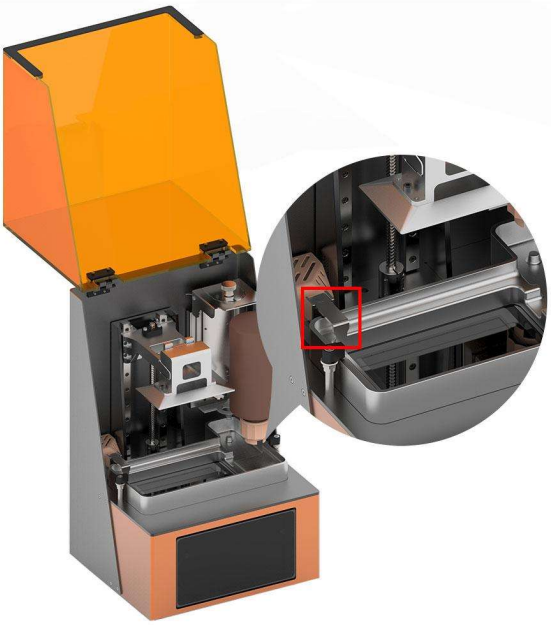
Postcure the model in postcure oven

(Tips:Models could be solidlfied in sunshine. Post-processing procedure is different from different resin.)

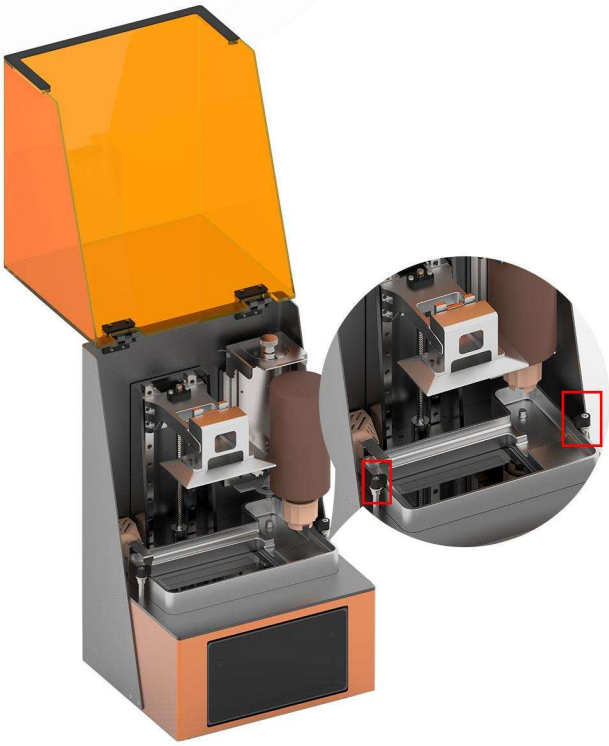
• Clean the resin tank



Take the automotive fill-in holder up.



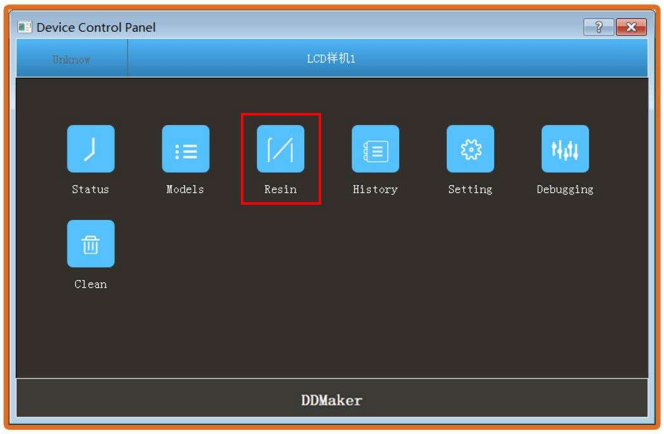
Take out the scrapper.



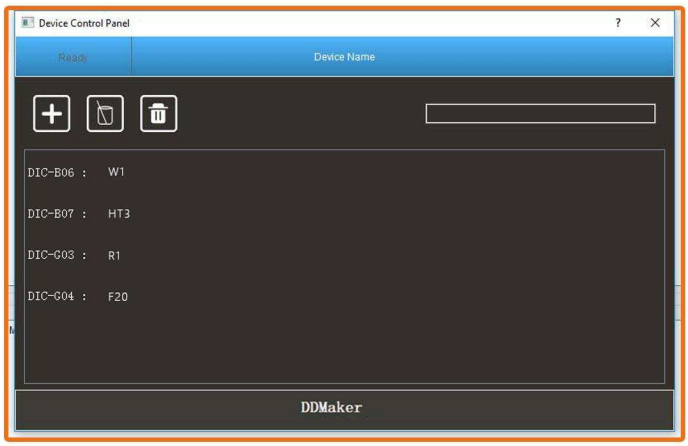
Loosen the screws on the two sides of resin tank.
Clean the resin tank with alcohol.

V Parameter setting

• Apply parameter packet



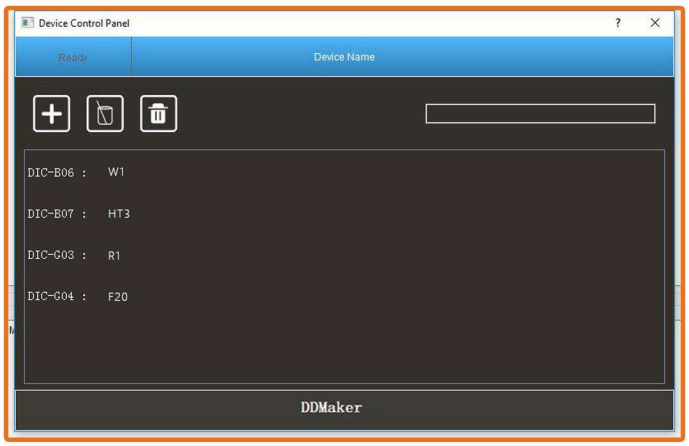
Open device control panel and click "Resin list"



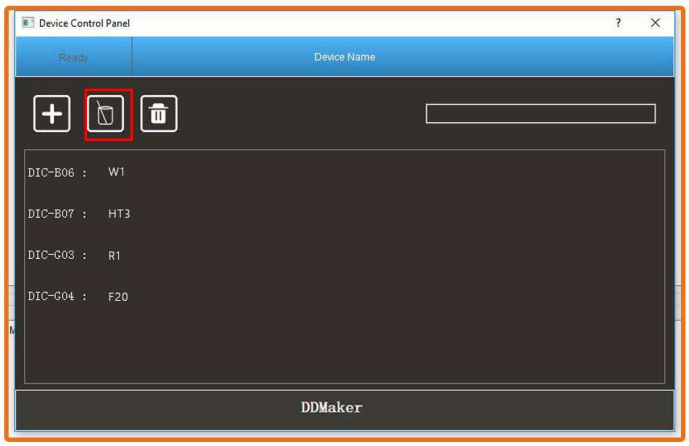
Choose printing data package

(Tips: The data package should match the resin)

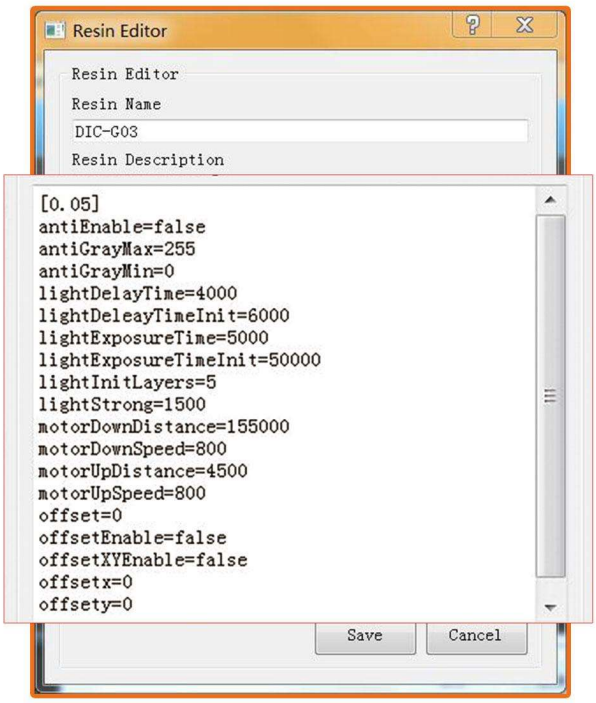
• Adjust parameter packet



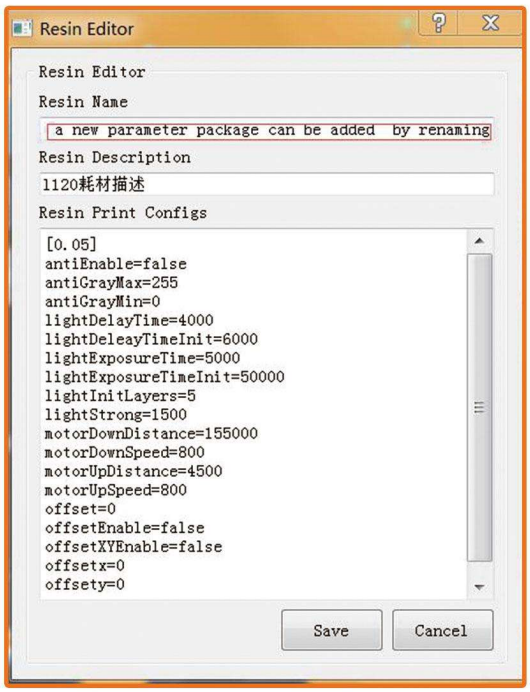
Choose the parameter packet



Click "Edit" for resin parameter editing

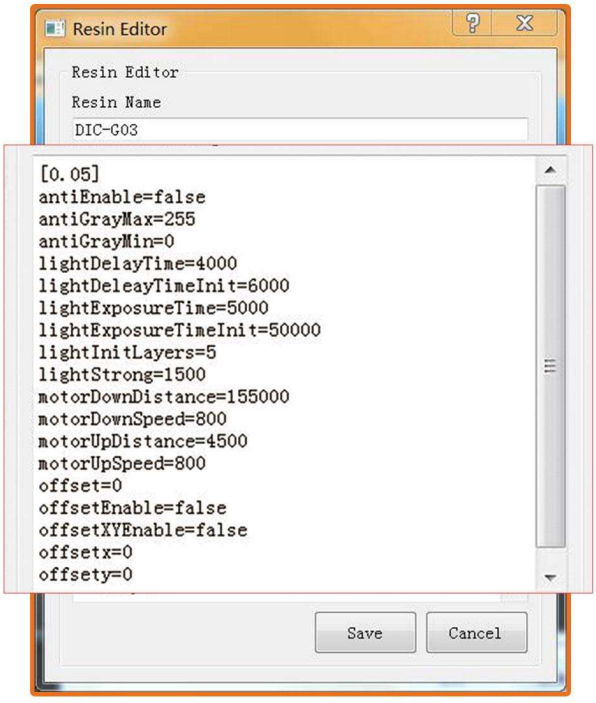


Revise the parameter

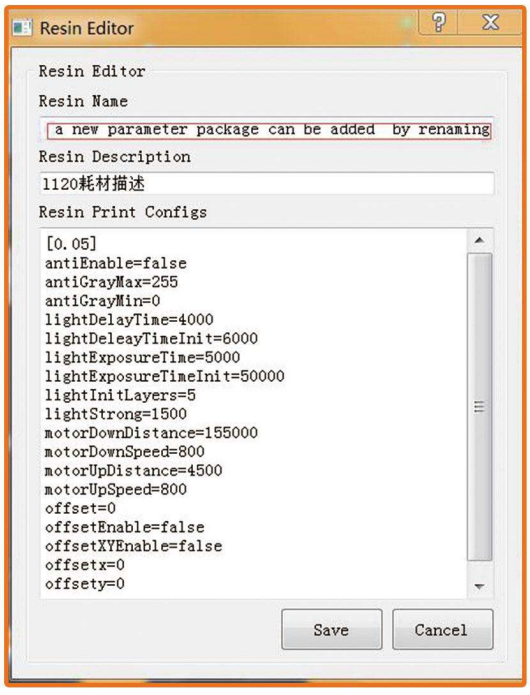


Click "Save"

• Add parameter packet

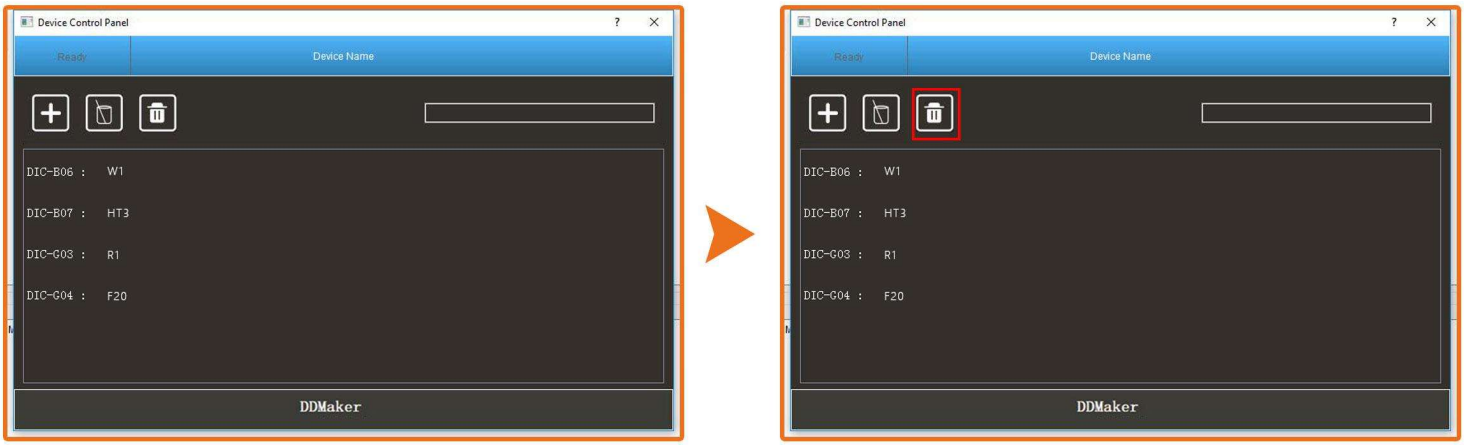


Adjust printing parameter under the instruction



Rename the adjusted Parameter packet and save

- Delete parameter packet



Choose the packet

Click"Delete"

(Tips: Please save at least one packet)

VI Scrapper setting

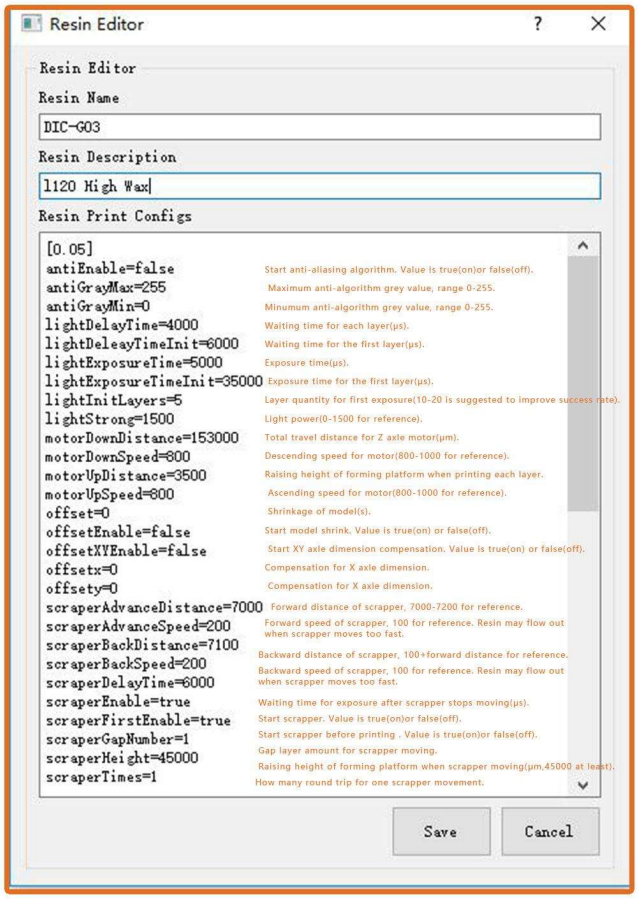
- Scrapper introduction

A scrapper device is installed in L120 Pro printer. The device is for preventing sedimentation and improving printing quality. Sedimentation happens when resin be in the tank over-night. For some special material, such as resin with ceramic powder, scrapper is necessary for preventing sedimentation. The move speed and frequency can be set by users. When the scrap-per starts working, the forming platform will raise 45mm at least or the scrapper and forming platform will interfere with each other. Before take out the resin tank, please take out scrapper first.

- Attention

After using the scrapper, the printing time will be longer for the raising of forming platform. A layer line will be obvious where the scrapper works. You could choose not to use the scrapper except for the special resin we suggest using scrapper in instruction.

- Parameter setting



FCC Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

--Reorient or relocate the receiving antenna.

--Increase the separation between the equipment and receiver.

--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

--Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device must operate with a minimum distance of 20 cm between the radiator and user body.

ISED Statement

English: This device complies with Part 15 of the FCC Rules [and contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS standard(s)]. Operation is subject to the following two conditions: (1)this device may not cause harmful interference, and (2)this device must accept any interference received, including interference that may cause undesired operation.

The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).

-French: L'émetteur/récepteurexempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et DéveloppementéconomiqueCanada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

-(1) l'appareil ne doit pas produire de brouillage, et

-(2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

l'appareil numérique du ciem conforme canadien peut - 3 (b) / nmb - 3 (b).

This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 2.5 du cnr - 102 et conformité avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement est conforme Canada limites d'exposition aux radiations dans un environnement non contrôlé.
Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

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