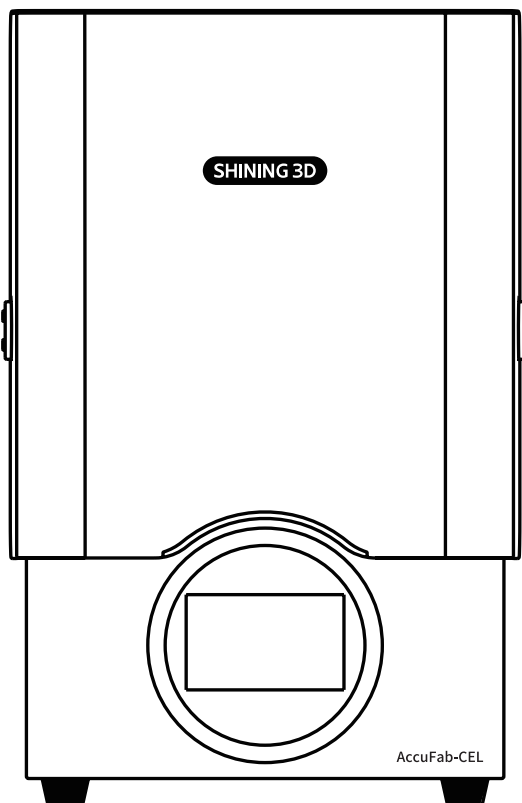




SHINING 3D

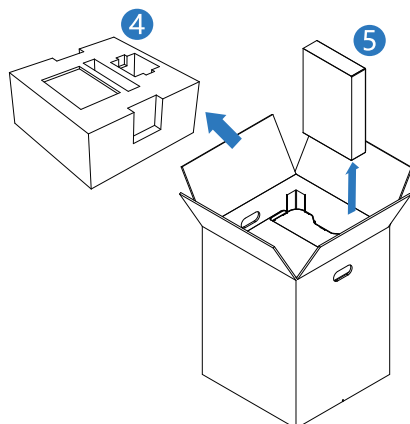
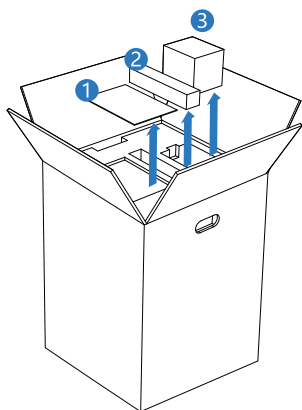


AccuFab-CEL 3D Printer

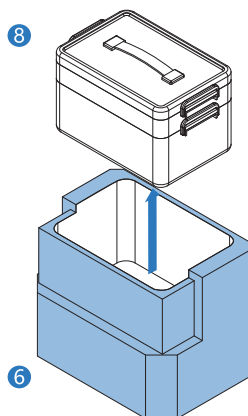
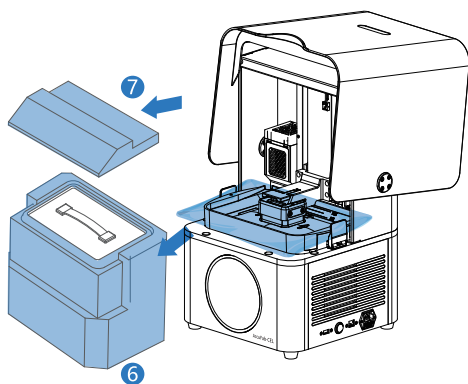
Quick Start Guide

Unpacking

- (1) Open the package and take out the “product certificate”, “installation guide” ① , power cable ② and Small Ceramic Build Platform ③.
- (2) Remove foam ④ ,take out the spare resin tank ⑤ from the back of the printer.

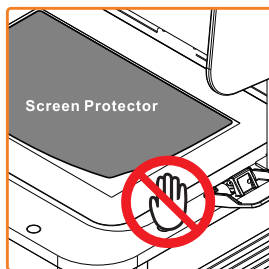
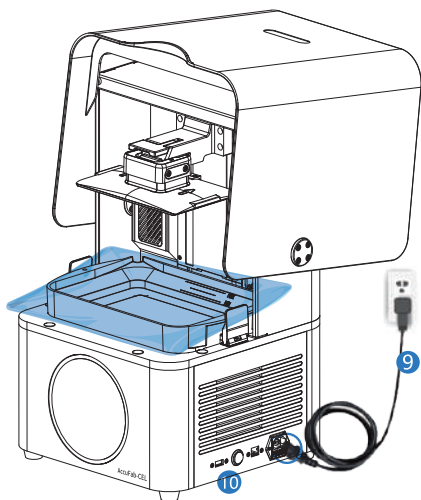


- (3) Remove the package, place the printer on the table, and open the printer chamber door. Remove fixing foam ⑥ & ⑦ inside the printer.
- (4) Take out accessory box ⑥ from fixing foam ⑧.



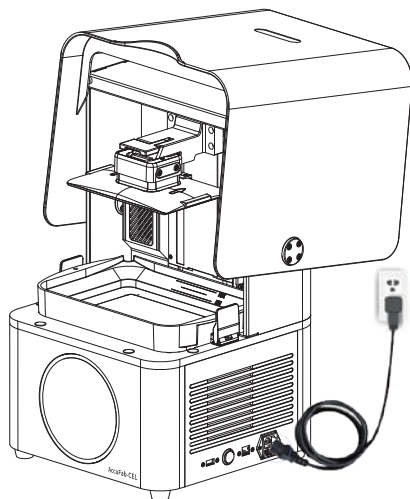
Unpacking

- (5) Connect the power supply ⑨ and press the power button ⑩ on right side of the printer. During printer initialization, Platform will go to the top position. Wait for the printer stop moving, remove the protect film around the resin tank.



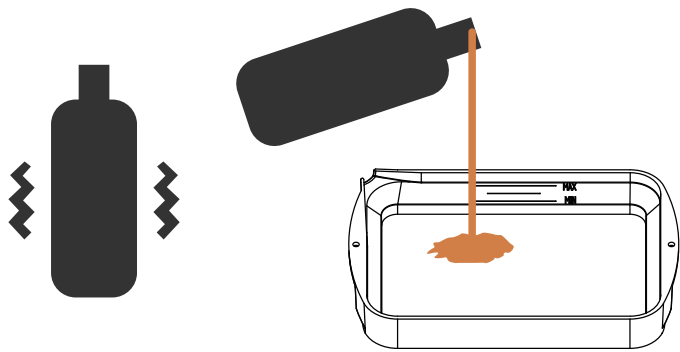
DO NOT remove the screen protector.

- (6) As the following picture shows, installation is completed.



Add Material

Shake for 2 mins before pouring material into the resin tank to avoid sediment. Note that the resin level should be between the indicator lines of minimum and maximum.

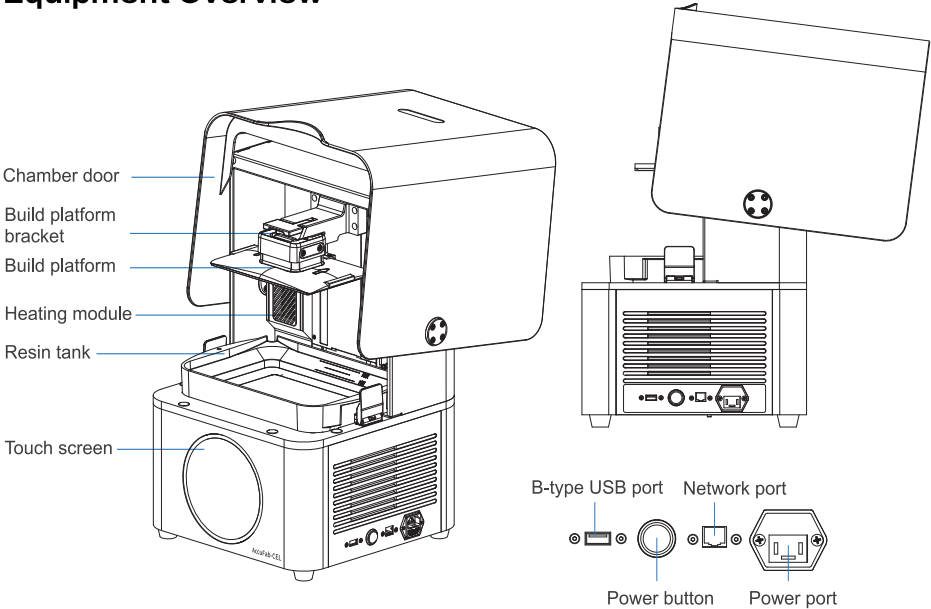


Note: You can also add resin during printing without pausing.

First Print

Please refer to the “AccuFab-CEL Quick Start Guide” in the flash drive. The flash drive can be used for data transmission later on.

Equipment Overview



Part List



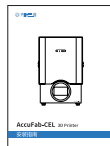
Small Resin Tank



Small Ceramic Build Platform



Quality Certification



Installation Guide



Disposable Gloves



Flash Drive^①



Angular Knife^②



Putty knife^③



Brush^④



Scraper^⑤



Cleaning Box^⑥



Bolt



Resin tank cleaner



Wrench



Cloth^⑦



PET Card^⑧



Power Cable



Network cable

① USB Flash Drive: Used to store factory files, Quick Start Guide, Installer of AccuWare etc.
Please be subject to the actual stored files.

② Angular Knife: Used to remove models from the platform after printing finished.

③ Putty Knife: Used to remove models from the platform after printing finished.

④ Brush: Used to clean extra resin on the model.

⑤ Scraper: Used to stir resin in the tank to avoid sediment.

⑥ Cleaning Box: Used to store parts or alcohol.

⑦ Cloth: Used to clean optical path including projector lens, protection glass and resin tank glass.

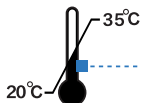
⑧ PET Card: Used to level the platform and remove the cured layer.

Operating Environment

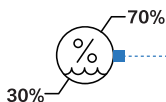
Before operation, it is important to ensure that the environment meets the requirements.



Voltage range
100-240V/240W



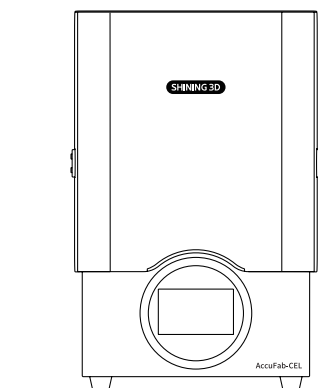
Temperature range
20°C-35°C



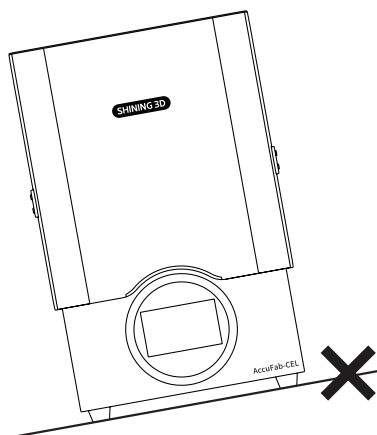
Humidity range
30%-70%

⚠ Note

The environmental temperature, humidity, and temperature fluctuations directly affect the printing quality. The printing effect is best when the ambient temperature is $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$ and the humidity is between $50\% \pm 10\%$. When the ambient temperature is below 15 degrees, the software will forcibly prohibit printing operations.



Supporting surface



Support surface requirements:

The supporting surface is free from shaking or tilting, and is clean and flat.

⚠ Note

The shaking of the support surface can affect the internal components of the printer; If the supporting surface is inclined, the liquid resin flows to the lower part, with uneven distribution, which affects the printing effect.

Environmental requirements:

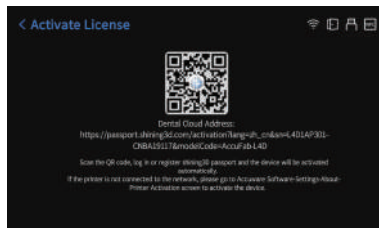
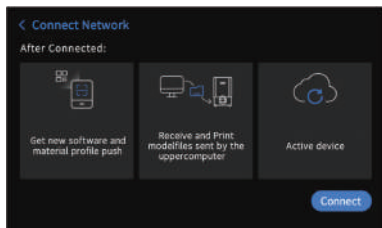
Good ventilation, no dust prone equipment, no direct sunlight or strong light exposure.

⚠ Dangerous

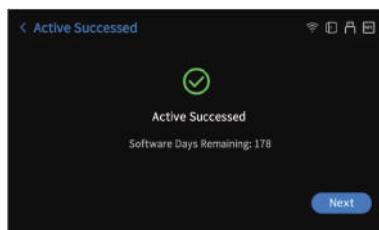
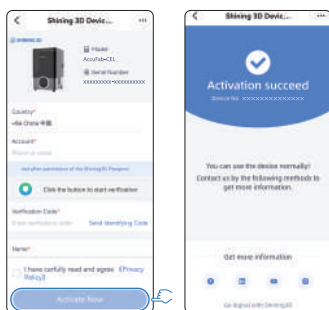
Good ventilation conditions are a guarantee for the health of workers.

STEP 1 Activate device

- (1) Start the printer and enter new user guide, follow the steps to connect the device to a stable network.
- (2) Click next step to enter a page with a code for activation.

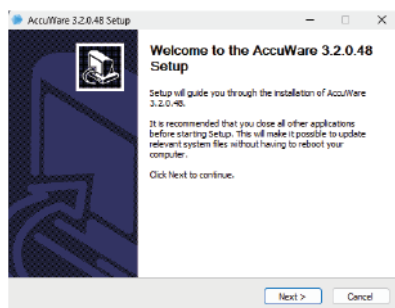
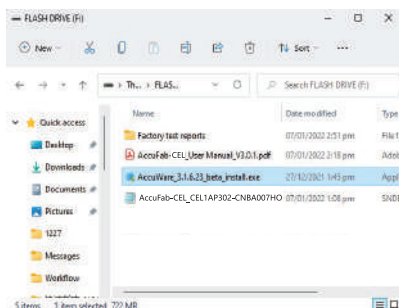


- (3) Use phone to scan the code, fill in the information needed and click "Activate now".
- (4) After activation and wait for about 1min, the printer interface will be refreshed to "Activation Succeed", then click Next for subsequent operations.



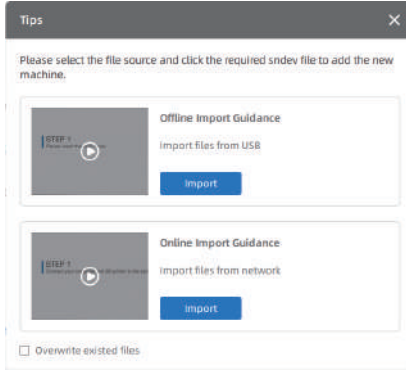
STEP 2 Installation of Software

Insert the flash drive came with printer into the PC, Copy the installation file to the PC. "AccuWare_3.2.X.XXX_release_install.exe" And run it. Install the software following the installation wizard. Click Finish to finish and run the software.



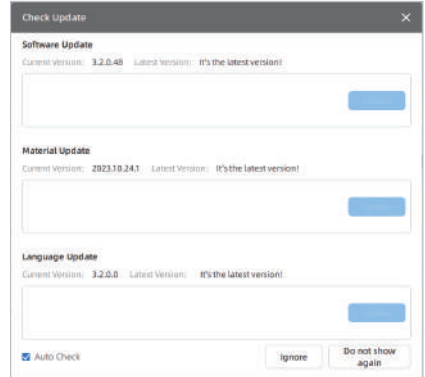
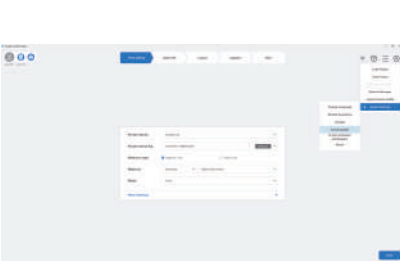
STEP 3 Import Printer Profile

Select the required sndev file according to the prompts, click "Import", and complete the addition of a new machine.



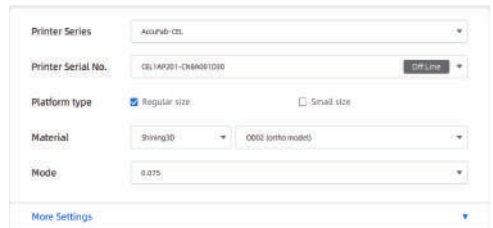
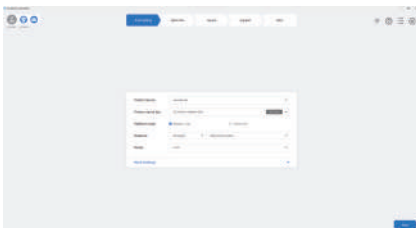
STEP 4 Update Material Profile

Click on the "Settings" icon in the upper right corner, and click on "System Settings - Check Update" in the order shown in the figure to complete the update of the material parameter package.



STEP 5 Data Preparation

- (1) Make sure Printer Series(AccuFab-CEL), Printer Serial No.(same as the serial number on the printer label),material and layer thickness are correct and click "Next".



- (2) Click “folder” on the left. Select the STL file for printing and click “Next”.



- (3) In the “Layout” scene. The model can be manipulated by position, angle, size and quantity. For more detail operations, please refer to the online version of the software user manual (click on the upper right corner) for reference. Question mark icon. After the layout procedure is done, click “Next”.



- (4) Click “Auto Support” to generate supports automatically. If you need to manually add support, you can refer to the online version of the software user manual.

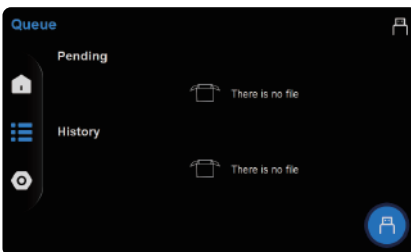


- (5) Click on the “Next” icon on the bottom right side of (4) to complete the slicing, and finally save the generated “.fab” format print data to a USB drive.

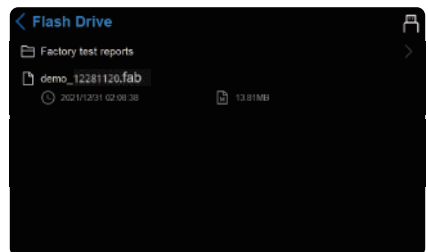


STEP 6 Print

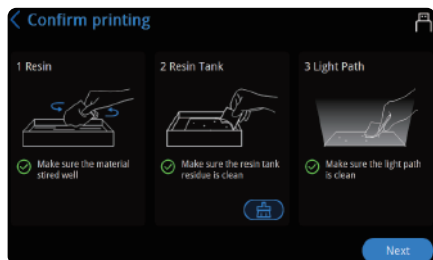
- (1) Insert the flash drive. On FabWare main interface, tap “Queue”. And then tap Flash drive button on the down-right.



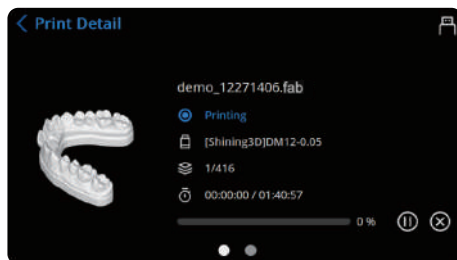
- (2) Click to choose the model to be printed in the flash drive file list.



- (3) Confirm printing (1.Resin 2.ResinTank 3.Light Path) ,and then click “Next”.



- (4) Close the chamber door and tap next to start printing.



STEP 7 Post Processing

After finishing the print, take down the build platform and remove the model. Clean, dry, and post cure the model. Please refer to the online user manual for detailed post-processing steps.



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