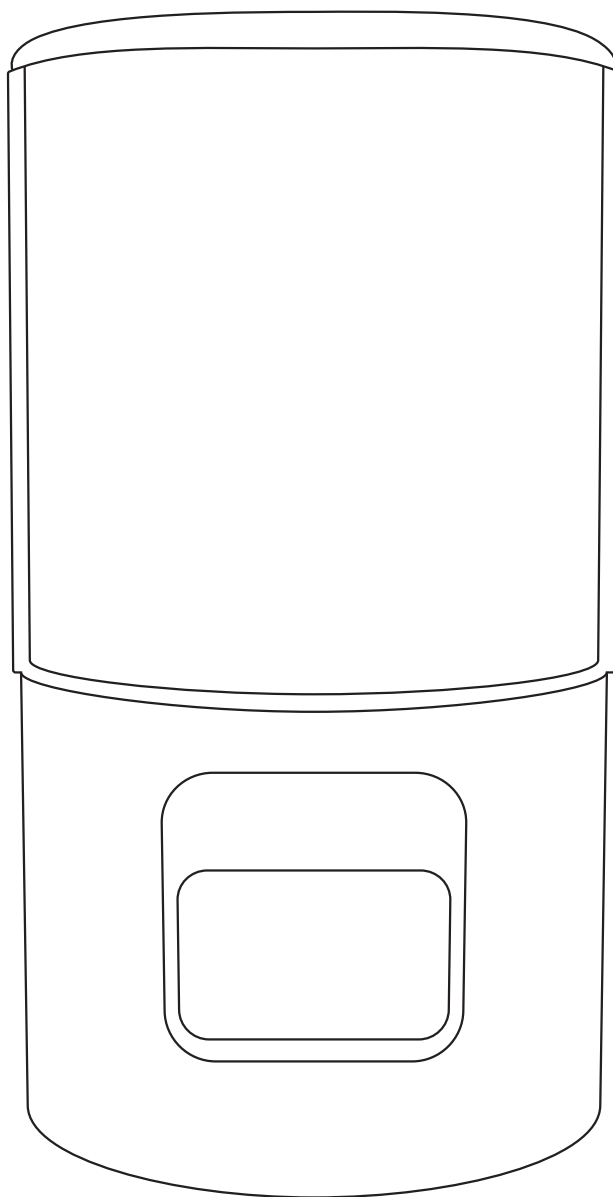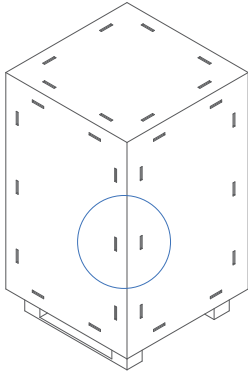# SHINING 3D
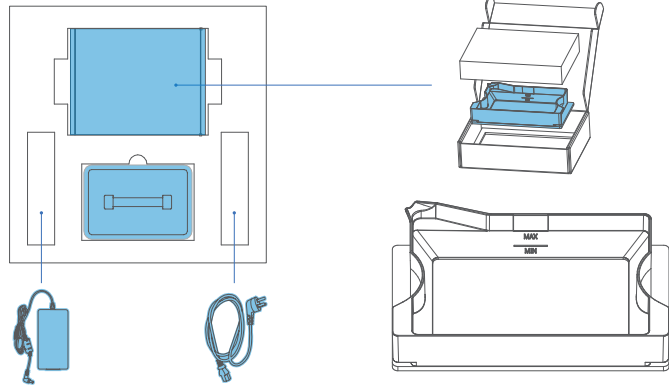
AccuFab-D1s 3D Printer

# Quick Start Guide

Installation Procedure

STEP 1 Unpacking

1) Remove steel clasps on the wooden case to open it. Cut the straps and open the inner box.

2) Open the cover, take out accessory box, resin tank x 2, power adaptor and power cable from fixing foam.
Take out resin tanks and remove the protective films.

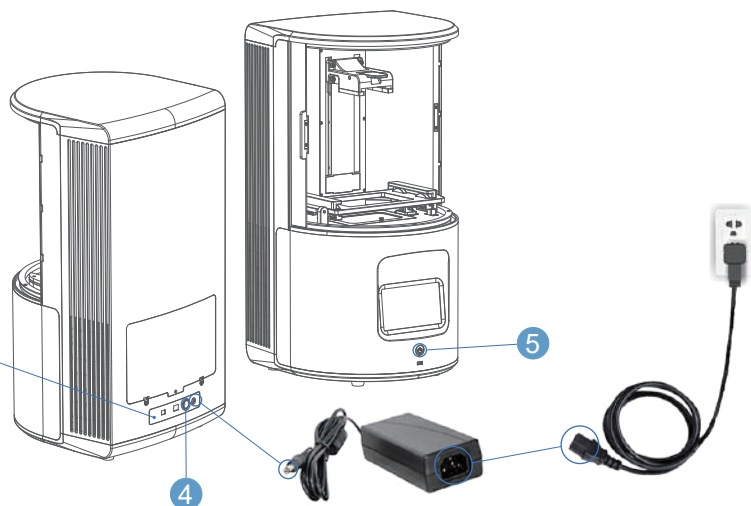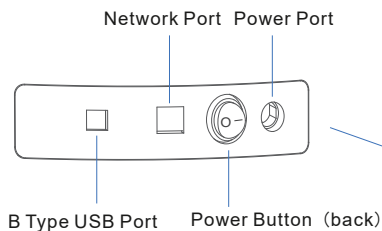3) Take out the printer and remove PE bag. Open the chamber door, take out the fix foam ❶ & ❷ .
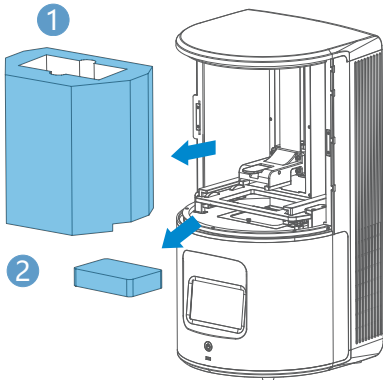
4) Take out build platform ❸ in the fix foam ❶ .
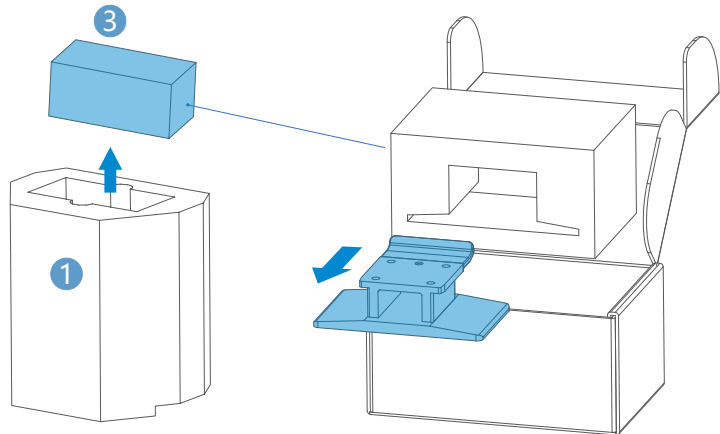
STEP 2 Boot Printer

Plug in the power adaptor and connect it with power cable. Press the power button ❹ in the back, then press the power button ❺ in the front.

Network Port Power Port

B Type USB Port   Power Button（back）

STEP 3 Install the Printer

The build platform bracket will move up automatically after booting the printer. It is time to install the resin tank and the build platform.

Install the resin tank

Remove the protective film on the protection glass. Inset the resin tank into the card slot and push it to the end in the direction indicated in the figure. When the edges of the resin tank are inside at right angles, it means the resin tank is placed appropriately.
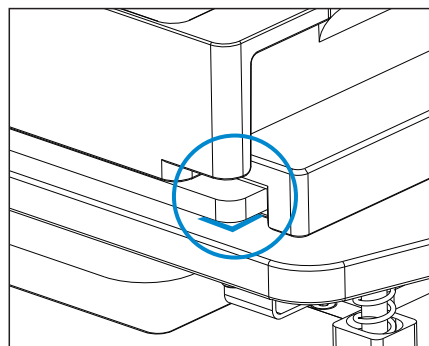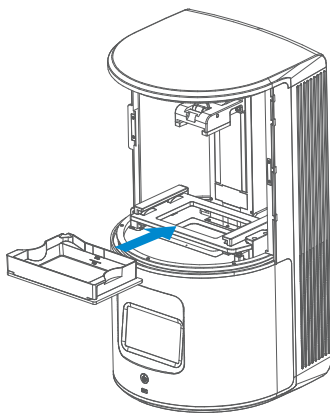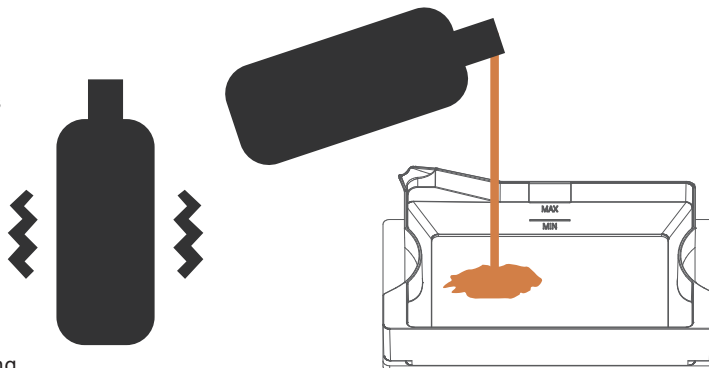
Install the build platform

Remove the protective film on the build platform. Open the handle and insert the build platform into the bracket in the direction indicated in the figure. Close the handle and lock the platform.
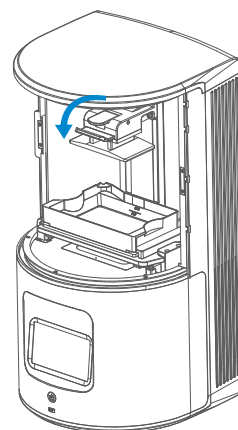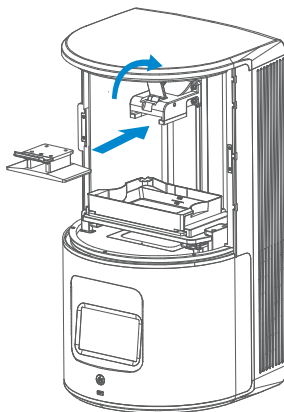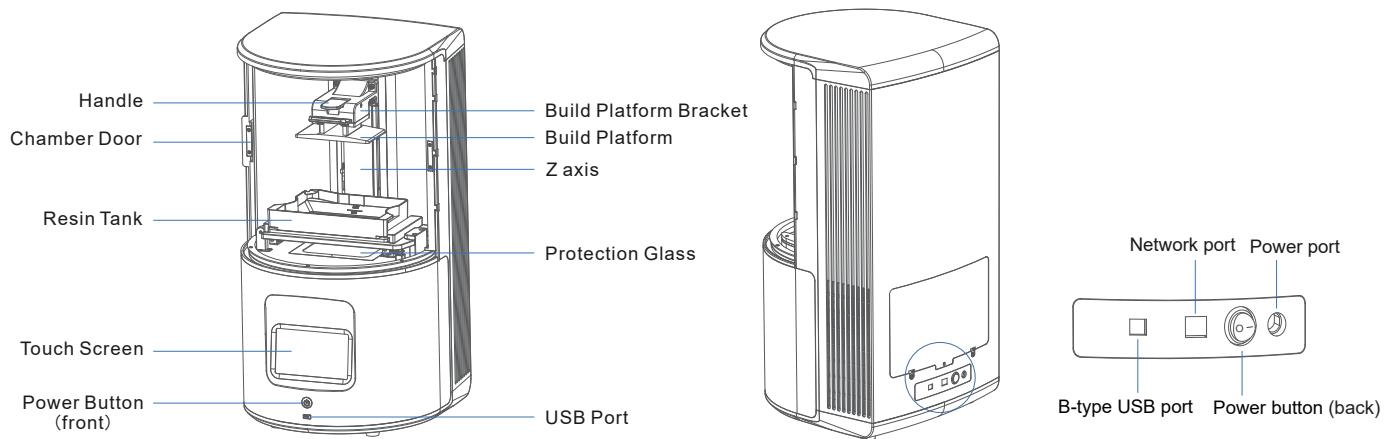
STEP 4 Add Material

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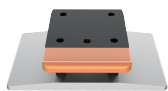
Note: You can also add resin during printing without pausing.

Product Preview

Handle

Chamber Door

Resin Tank

Touch Screen

Power Button
(front)

Build Platform Bracket

Build Platform

Z axis

Protection Glass

USB Port

Network port   Power port

B-type USB port   Power button (back)

Part List

Build Platform ①

2 x Resin Tank

Power Adaptor

Power Cable

USB

Ethernet Cable

Flash Drive ②

Angular Knife ③

Putty Knife ④

Disposal Gloves

Scraper ⑤

Brush ⑥

Cleaning Box ⑦

Cloth ⑧

PET Card ⑨

Quality Certification

Installation Guide

① Build Platform: Due to the test printing in the factory, the surface may have few scratches, which will not affect regular use.

② Flash Drive: Flash drive contains Installer of AccuWare, Printer profile "*.sndev", Activation file (.ac), User Manual, Quick Start Guide and "Factory test reports".

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

④ Putty Knife: Used to remove models from the platform after printing finished.

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

⑥ Brush: Used to clean extra resin on the model.

⑦ Cleaning Box: Used to store parts or alcohol.

⑧ Cloth: Used to clean optical path including projector lens, protection glass and resin tank glass.

⑨ PET Card: Used to level the platform and remove the cured layer

First Print

## STEP 1 Installation of Software

Insert the flash drive came with printer into the PC, Copy the installation file to the PC. "AccuWare_3.1.X.XXX_release_install.exe" And run it. Install the software following the installation wizard. Click Finish to finish and run the software.

Note: DO NOT run the installation file from the flash drive.
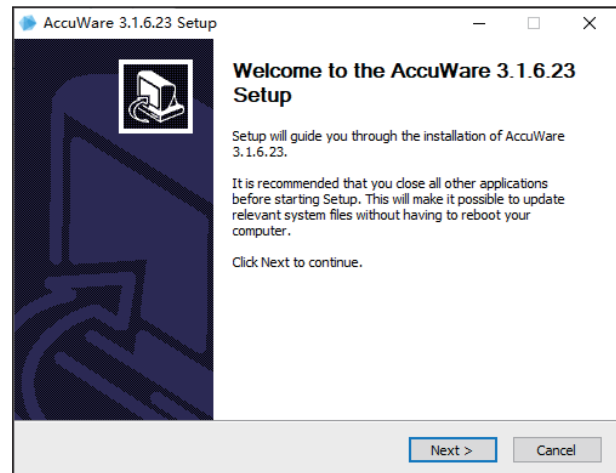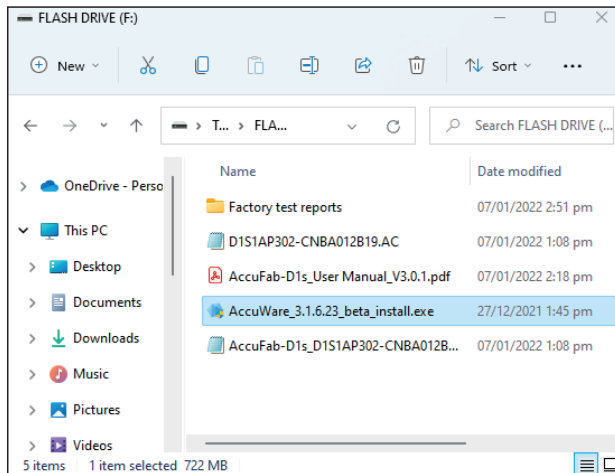
STEP 3 Import Printer Profile

Open the AccuWare software, and click "Settings" at the top right corner. Choose "Import printer profile"and "From Local". Locate the data file (AccuFab-D1s_XXXX-XXXXX.sndev) and click. Click "Confirm" to finish.
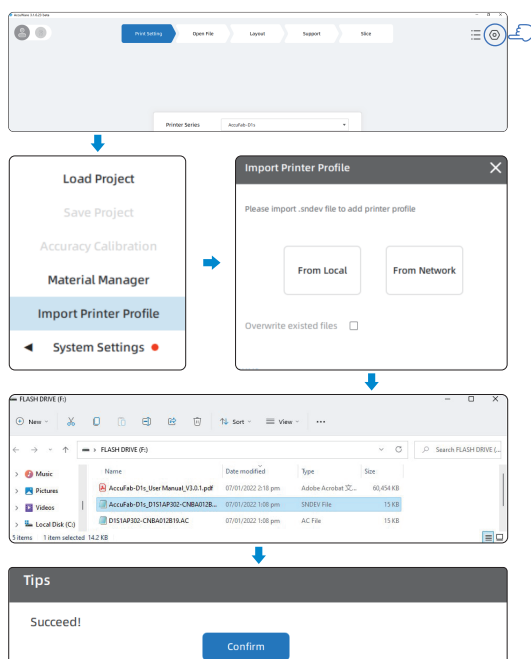

STEP 4 Update Material Profile

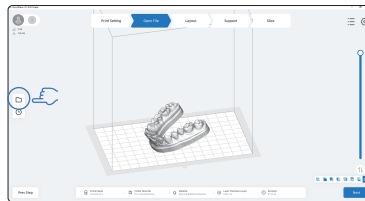Click "Settings" on the top-right. Click "system setting-update-check-update" to finish the update.
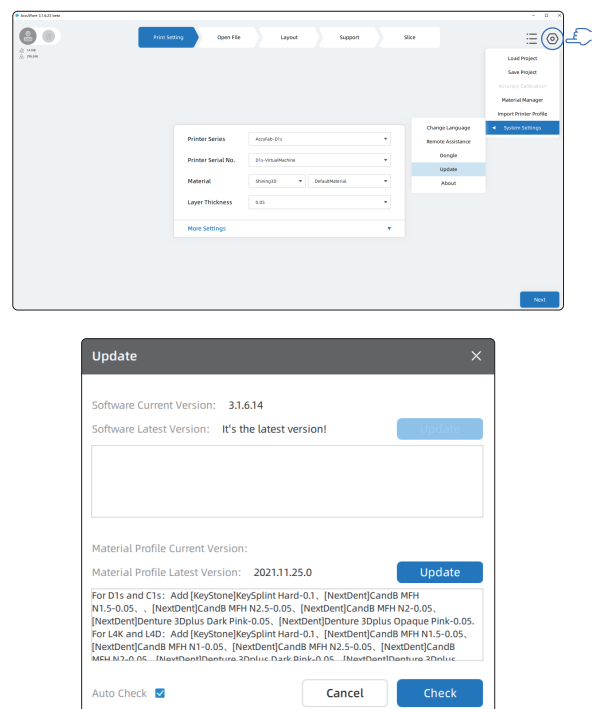
STEP 5 Data Preparation

1) Make sure Printer Series(AccuFab-D1s), Printer Serial No.(same as the serial number on the printer label),material and layer thickness are correct and click "Next".
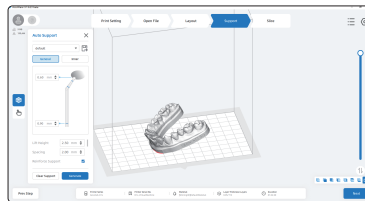

Printer Series	AccuFab-D1s	▼
Printer Serial No.	D1s-VirtualMachine	▼
Material	Shining3D	DM12	▼
Layer Thickness	0.075	▼
More Settings		▼
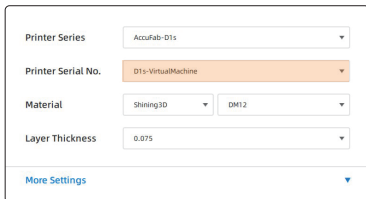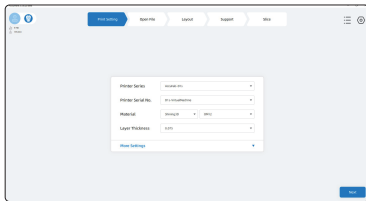
Note: When virtual machine is selected, The sliced file can't be used for printing

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 check <AccuFab-D1s User Manual> for detailed information. After the layout proce -dure is done, click "Next".


4) Click "Auto Support" to generate supports automatically.Please check <AccuFab-D1s User Manual> for detailed infomation if manually add/delete is needed. Click "Next".
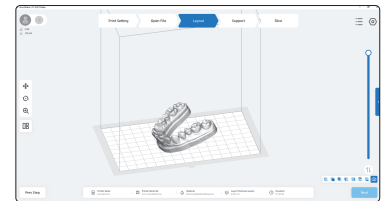
5) Click "Slice" and save the ".slp3" file to a flash drive.
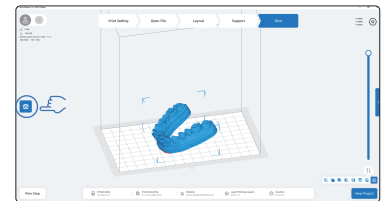
STEP 6 Print

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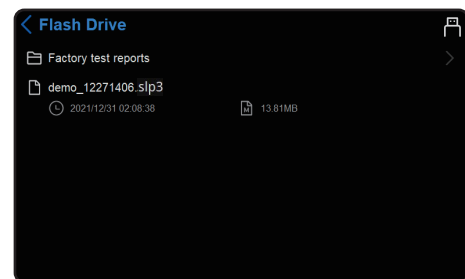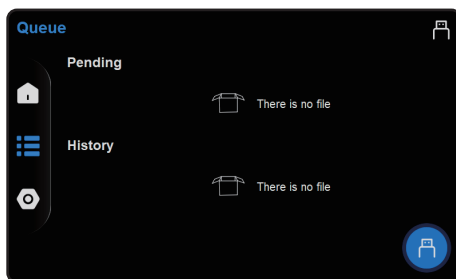
3) Confirm printing (1.Resin 2.ResinTank 3.Light Path) ,and then click "Next".

4) Close the chamber door and tap next to start printing.
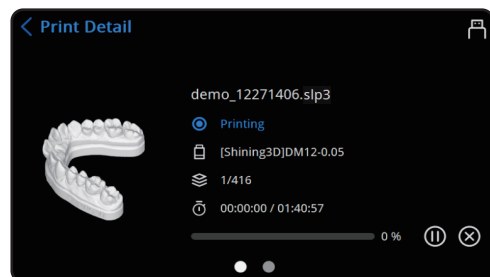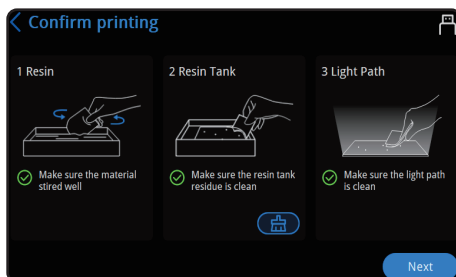
Note: If you find software expired,please active the license according to the <AccuFab-D1s User Manual>.

STEP 7 Post-processing

After finishing the print, take down the build platform and remove the model. Clean, dry, and cure the model. For more details about postprocessing, please check <AccuFab-D1s User Manual>.

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