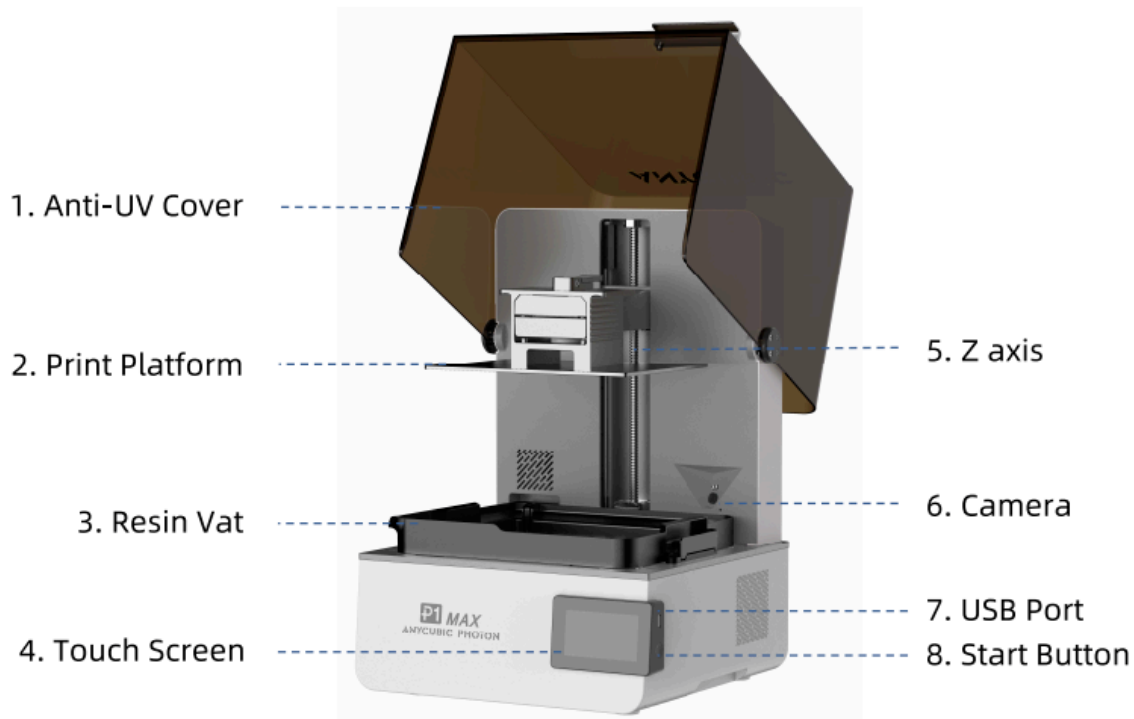
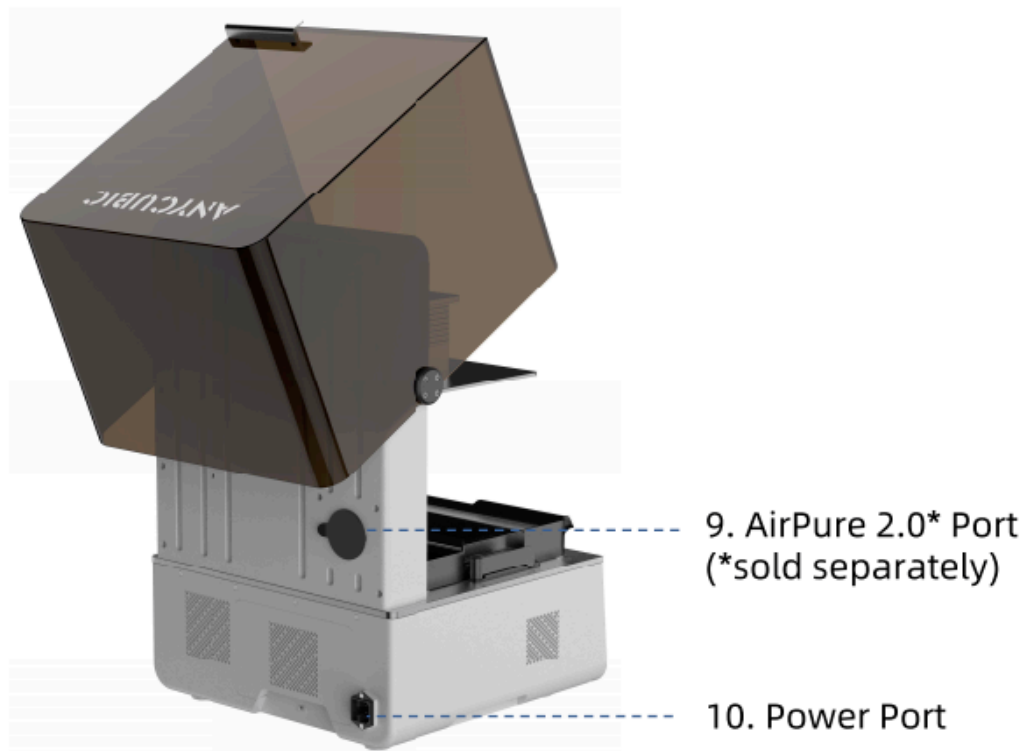


Photon P1 Max-Quick Start Guide

Photon P1 Max Introduction





5

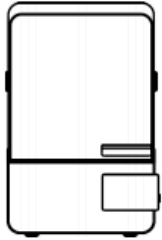
Step 1: Unboxing

Upon receiving your printer, please refer to the instructions and unboxing video below to install the printer and complete the setup process.

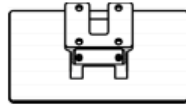
(1) User Manual:

(2) list

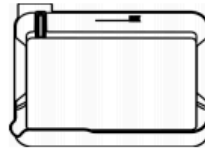




Anycubic Photon
P1 Max



Print platform



Resin vat



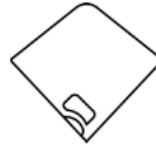
Wet wipe



Hex key set



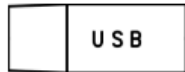
Protective equipment



Funnel



Scraper * 2



USB drive



Power cord



User Manual

Step 2: Preparation before printing

Loading Resin

Before use, shake the resin bottle well, then slowly pour the resin into the container, ensuring the resin level does not exceed the maximum fill line. Finally, close the transparent cover.



Note:

Please place the printer on a stable work surface and use it in a well-ventilated environment away from direct light, wearing gloves and a mask. Avoid environments containing ultraviolet light sources, such as fluorescent lamps and UV sterilization lamps, to prevent abnormal curing that could affect printing results.

Step 3: First Print

This model allows printing from the device itself, the Anycubic App, and Anycubic Photon Workshop. Please choose the printing method according to your needs. For the first print, it is recommended to start printing from the device using a USB drive.

1.Start the printing task locally on the 3D printer:

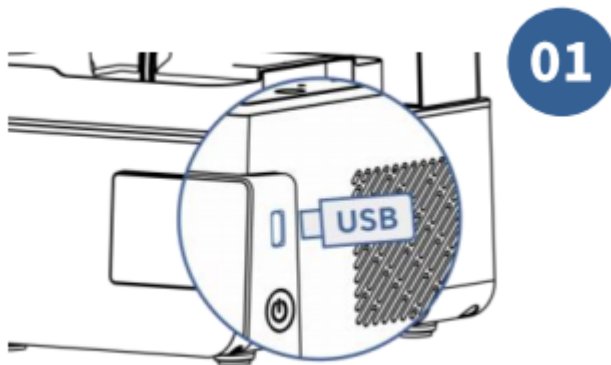
1. The USB drive included with the machine contains test models; insert it into the USB port on the right side of the printer.

2. If the USB drive does not contain print files, you can click to download the models :

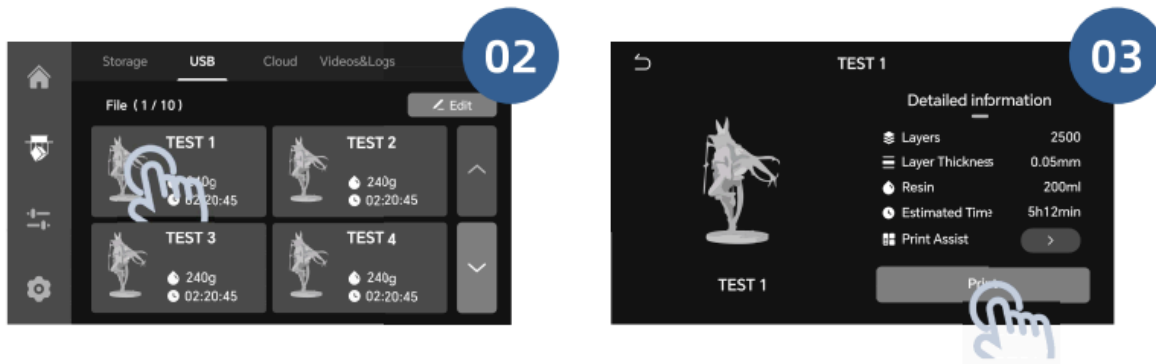
Note:

(1) It is recommended that use the USB drive we provide. If you are using your own USB drive, please ensure that it is formatted to FAT/FAT 32 and has a memory size of less than 64G.

(2) Only .pp1 files are supported. Store them in the root directory of the USBdrive to avoid read errors.

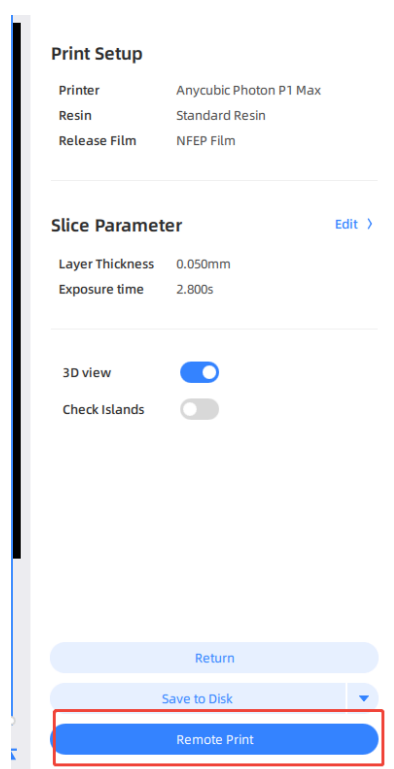


Insert the USB drive to the printer. Then, choose a file to print.



2. Initiate the printing task from the Anycubic Photon Workshop software:

When opening the slicing software, log in to your account and bind your printer. After slicing the model using the slicing software, you can directly initiate the printing task from the slicing software.



3. Initiate the printing task from the Anycubic App:

According to the document below, download the Anycubic app and connect your printer, then initiate printing from the Anycubic app's cloud service.

Photon P1 绑定操作指南:

Step 4: Slicing the model

1. Software Download:

2. Software User Guide: [Anycubic Photon Workshop](#) / [Anycubic Wiki](#)

Anycubic Photon Workshop

Anycubic Photon Workshop is a free 3D model slicing software designed for resin printing. Developed for users and accessories. This slicing software is tailored specifically for resin printing.

Version Update Documentation

- ▶ [Photon Workshop Slicing Software - Version update documentation](#)
- ▶ [Photon Workshop Slicing Software - Basic introduction](#)
- ▶ [Photon Workshop Slicing Software - Support placement tips](#)

Download

V4.1.1

- ▶ [Windows](#) 
- ▶ [Mac](#) 

3. After completing your first print, please download the Anycubic Photon Workshop slicing software from the page below, and then follow the software's instructions to import your model and complete the slicing process.

Printer



Anycubic Photon P1 Max
Anycubic Photon P1 Max



Standard Resin
Anycubic



Normal Print
NFEP Film

Layer Thickness	Exposure time
0.050mm	2.000s

Resin parameter link: [Resin Settings for Anycubic Photon Series 3D Printer | ANYCUBIC 3D Printing](#) 

The listed resin parameters are for reference only. If you are using other Anycubic resins, please choose the matching type in Anycubic Workshop or check the detailed parameter table on our official website.

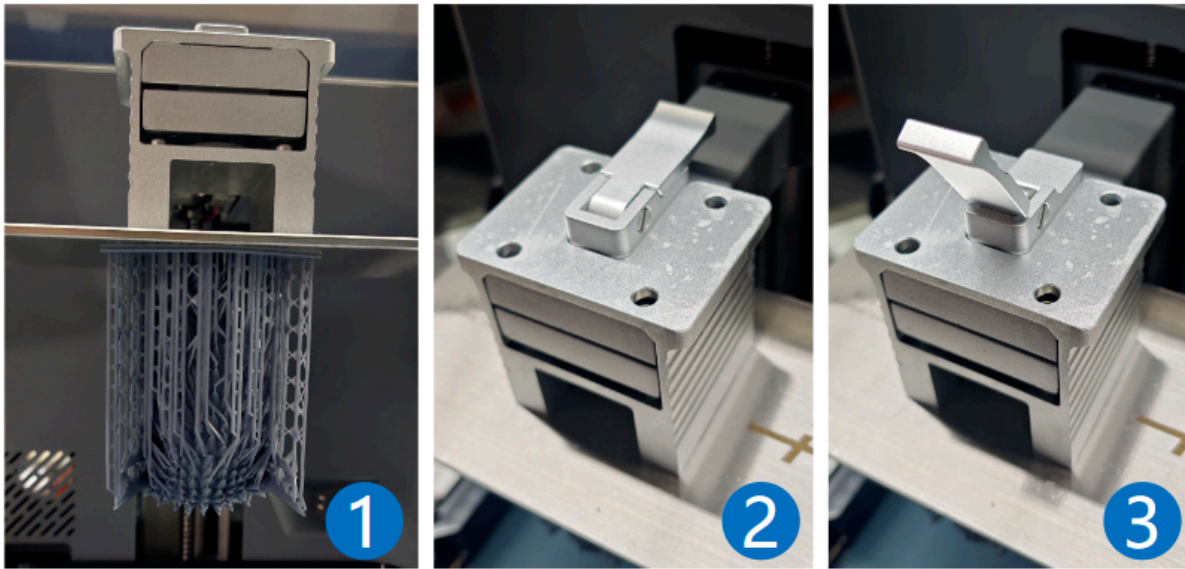
Resin Type			Standard Resin		DLP Craftsman Resin		BJD Wear-Resistant Resin
Temperature (°C)			15~40				
Layer Thickness (mm)			0.05	0.03	0.05	0.03	0.05
Normal Layers	Normal Exposure Time (s)		2	1.5	2.1	1.6	2.4
	Off Time (s)		2	2	2	1	2
	Wait Before Lift (s)		0	0	0	0	0
	Wait After Lift (s)		0	0	0	0	0
Bottom Layers	Bottom Layers		1	1	1	1	1
	Bottom Exposure Time (s)		20	20	35	35	20
	Bottom Off Time (s)		30	30	30	30	30
	Bottom Wait Before Lift (s)		0	0	0	0	0
	Bottom Wait After Lift (s)		0	0	0	0	0
Intelligent Light-Off			ON				
Normal Layers Print Control	Step 1	Z Lift Distance (mm)	4	4	4	4	4
		Z Lift Speed (mm/s)	3	3	3	3	3
		Z Retract Speed (mm/s)	3	3	3	3	3
	Step 2	Z Lift Distance (mm)	5	5	5	5	5
		Z Lift Speed (mm/s)	8	8	8	8	8
		Z Retract Speed (mm/s)	8	8	8	8	8
Transition Layer			45	45	45	45	45
Bottom Layers Print Control	Step 1	Z Lift Distance (mm)	5	5	5	5	5
		Z Lift Speed (mm/s)	3	3	3	3	3
		Z Retract Speed (mm/s)	3	3	3	3	3
	Step 2	Z Lift Distance (mm)	5	5	5	5	5
		Z Lift Speed (mm/s)	3	3	3	3	3
		Z Retract Speed (mm/s)	3	3	3	3	3
Advanced	Anti-alias		16	16	16	16	16
	Gray Level		3	3	3	3	3
	Image Blur		4	4	4	4	4

--The data above roots in Anycubic lab.

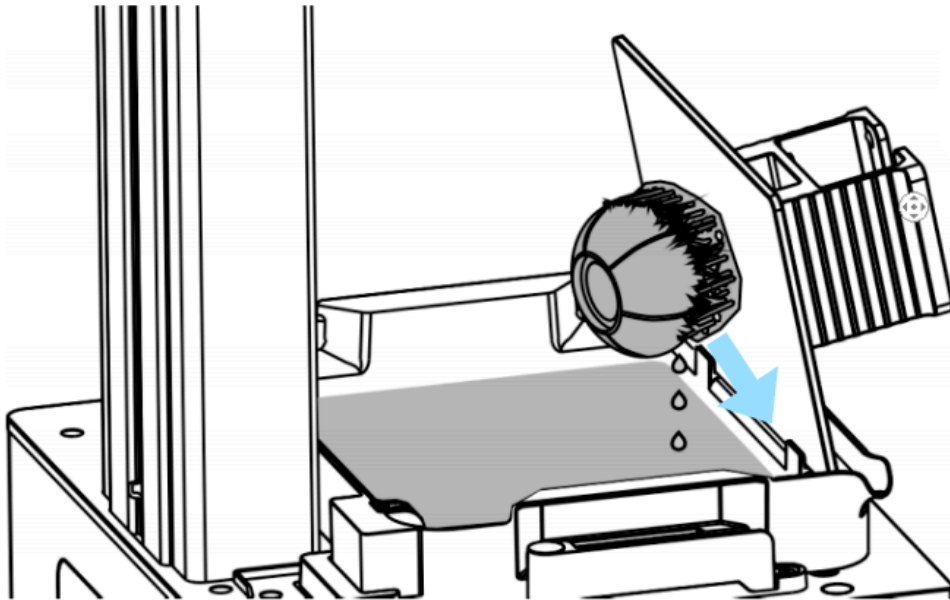
Step 5: Printing complete

1. Once the model is finished printing, open the handle and remove the print platform.

Note: Prolonged heating may cause localized high temperatures in the material tank. Do not touch it directly after printing is complete to avoid burns.

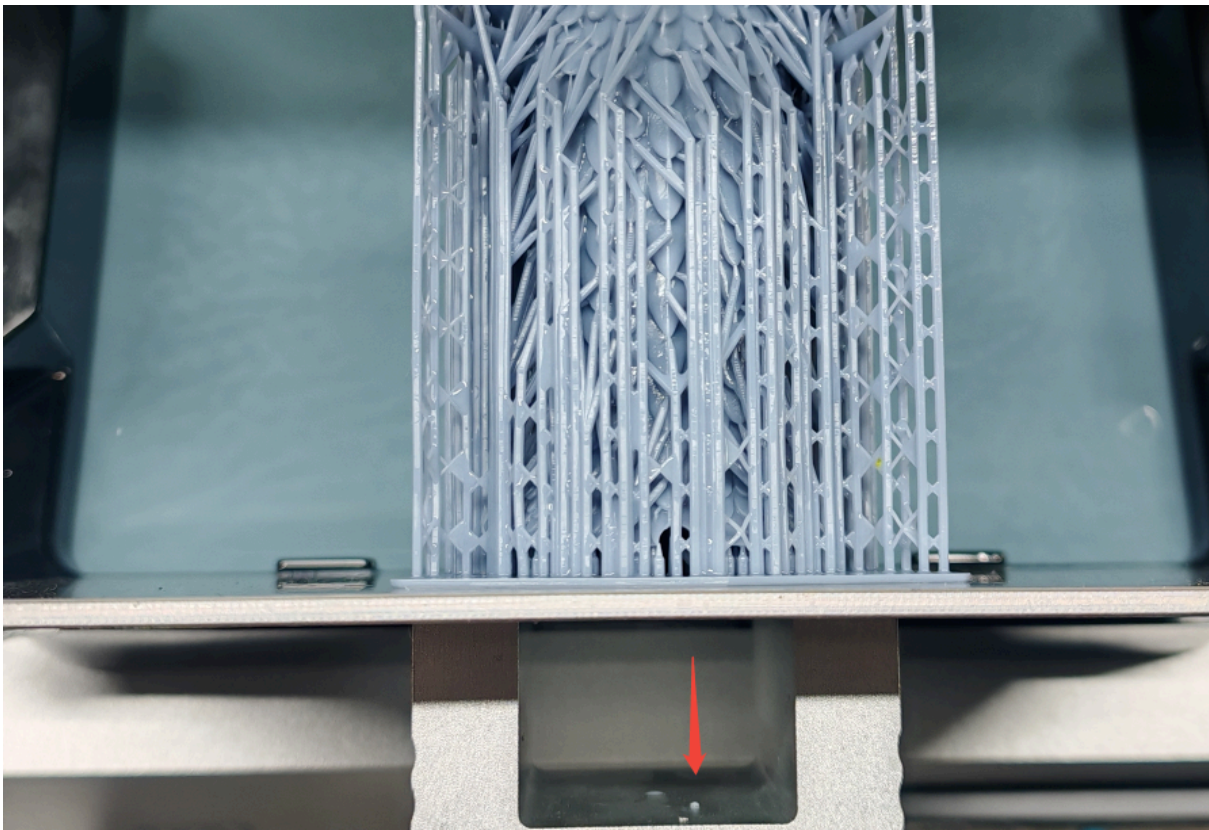


2.Remove the printing platform and place it inside the material tray to drain the resin from the platform.

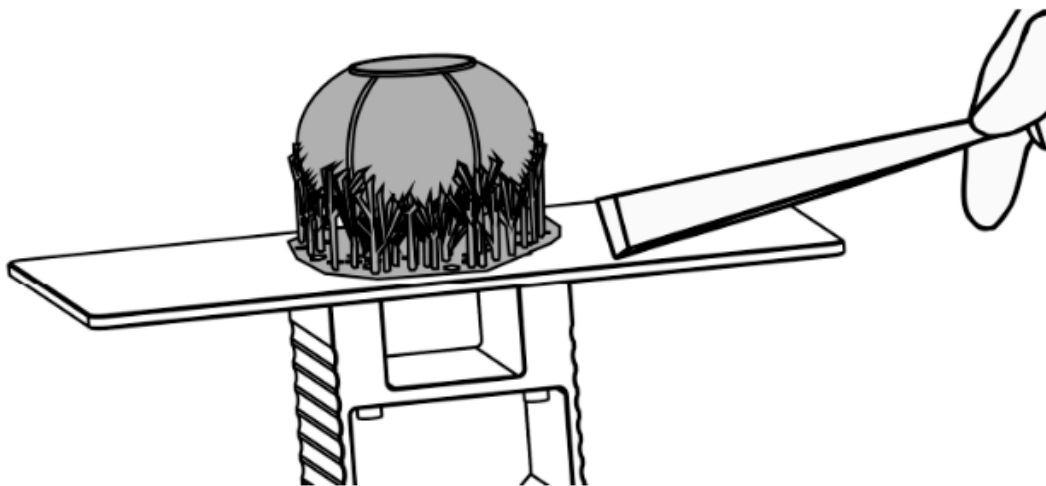


Incorrect placement diagram:

Resin may flow down along the platform handle.



3. Please place the printing platform flat and stable. You will need to use a metal scraper to gently scrape off the bottom edge of the model. (Do not attempt to detach the model while the printing platform is suspended in the air.)



4. The model surface is then rinsed with a cleaning agent (such as 95% concentration alcohol) to remove any remaining liquid resin. After cleaning and drying, the model undergoes post-curing and other post-processing steps.



Troubleshooting

1. Printing issues

(1) Uneven printing

Please read the following if you encounter an issue with unleveling during printing:

- Photon P1 Max-Platform leveling and calibration

(2) USB drive not recognized

If the USB drive icon does not appear on the display screen after inserting the USB drive into the printer, it means the printer has not recognized the USB drive. Please refer to the document below to troubleshoot the USB drive:

- Photon P1 Max-Cannot recognize USB flash drive

2. Printing Issues

(1) Poor Printing Quality

If the printed model exhibits issues such as layering, misalignment, or only the support structure is printed, please refer to the following document to check the slicing parameters, exposure, and motor operation:

- Photon P1 Max - Poor print quality

(2) Please read the following information regarding model issues encountered during printing on the platform:

- Photon P1 Max-Model non-stick printing platform

3. Other issues:

(1) The device cannot connect to the network.

- Photon P1 Max Printer Connection and Unbinding Guide

(2) Abnormal pop-up error message

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