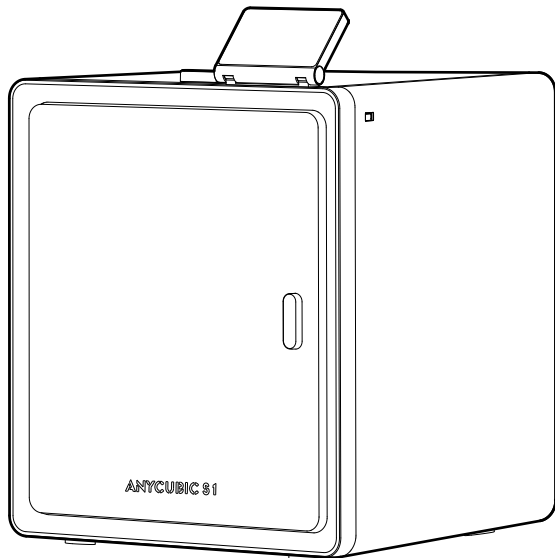




Anycubic Kobra S1

User Manual



Installation Video

The product picture is for reference only. Please refer to the actual product.

Dear Customer,

Thank you for choosing **ANYCUBIC** products.

Maybe you are familiar with 3D printing technology or have purchased **ANYCUBIC** printers before, but we still highly recommend that you read this manual carefully. The installation techniques and precautions in this manual can help you avoid any unnecessary damage or frustration.

Please visit <https://support.anycubic.com/> to contact us if you have any question. You can also gain more information such as software, videos, models from the website.



ANYCUBIC APP



ANYCUBIC Wiki



ANYCUBIC Support Center

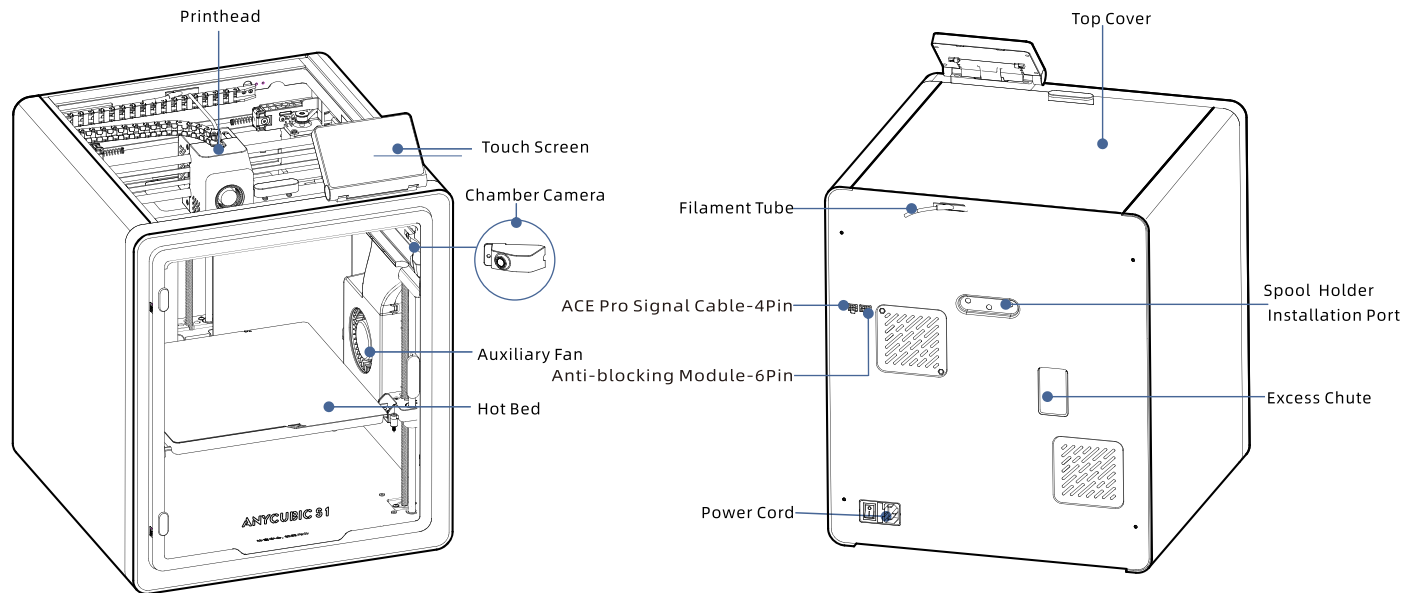


Multi-country User Manual

Team **ANYCUBIC**

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Product Overview



Packing List

The following pictures are for reference only. Please refer to the actual object.



Kobra S1 Printer



Spool Holder



Screws
M3*6 (2pcs)



U-Disk
(1Pcs)



Power Cord
(1pcs)



2.5/2.0/1.5



Filament Sample



Activated Carbon
(1Pcs)



Nozzle Cleaning
Module(1Pcs)



Nozzle Silicone
Part(1Pcs)



Nozzle Cleaner



Grease

Technical Specification

Printing

Technology: FDM (Fused Deposition Modeling)

Build Size: 250 mm (L) × 250 mm (W) × 250mm (H)

Layer Thickness: 0.08 ~ 0.28mm

Positioning Accuracy: X / Y / Z 0.0125 / 0.0125 / 0.0008 mm

Extruder Quantity: Single

Nozzle Diameter: 0.4 mm

Supported Materials: PLA/TPU/PETG/ABS/ASA

Software

Slicing Software: Anycubic Slicer Next/Orca Slicer

Software Input Formats: .STL/.OBJ/.3mf

Software Output Formats: GCode

Connectivity: U-DISK, AC Cloud, Anycubic Slicer Next

Electrical

Power Input: 100-120V~ /200-240V~

Rated Power: 325W/1300W

WIFI

Frequency Band: 2.4G (2.400-2.4835GHz)

Working Mode: STA

Physical Dimensions

Printer Dimensions: 400mm (L) × 410mm (W) × 490 mm (H)

Net Weight: ~18kg

ACE Pro Dimensions: 365.9mm (L) × 282.8mm (W) × 234.5 mm (H)

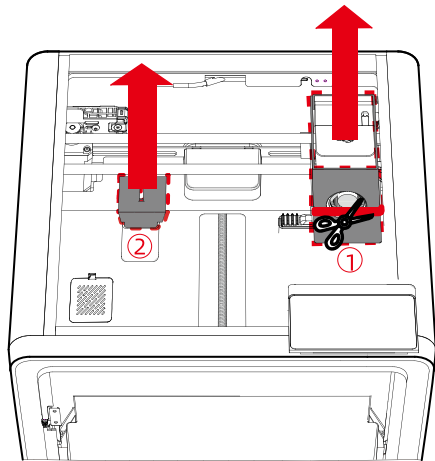
ACE Pro Net Weight: ~4.6kg

Machine Installation

For the installation instruction video, please scan the QR code on the right.



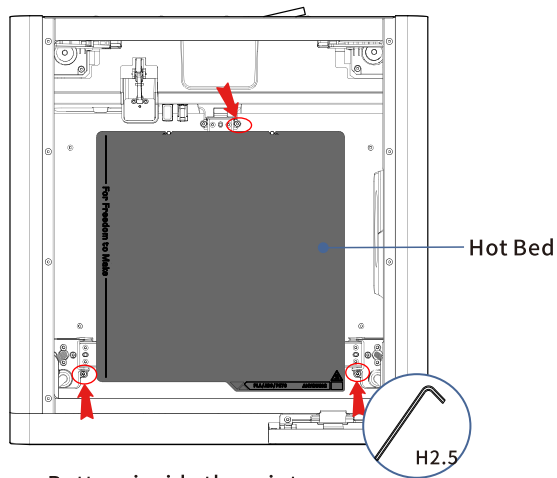
Unlock Printhead



Top of the printer

1. Cut the zip tie securing the printhead, remove the cardboard from the printhead.
2. Remove the foam from the excess chute.

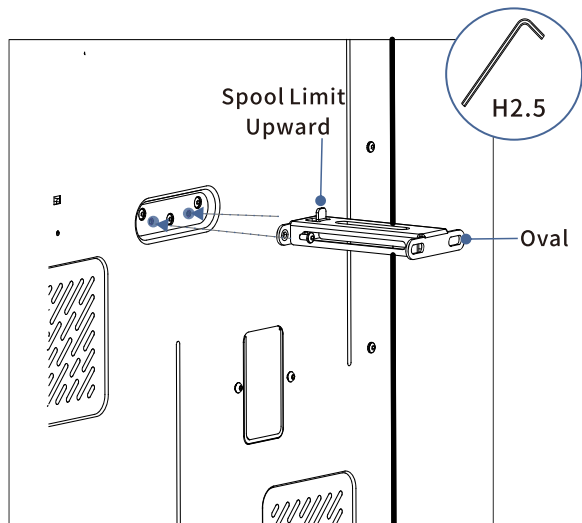
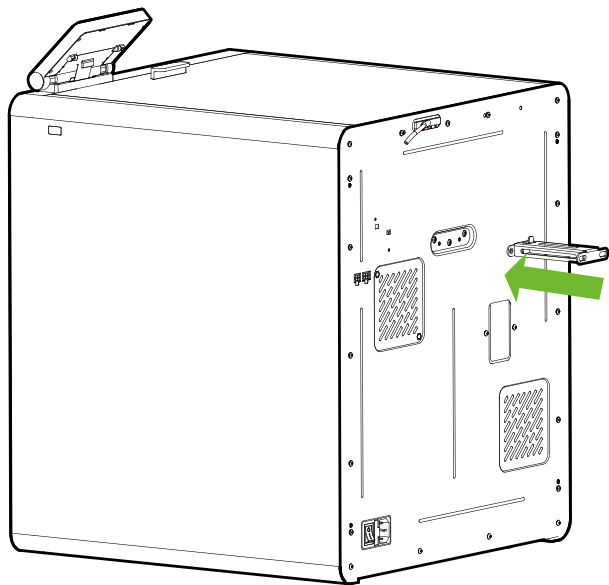
Unlock Hot Bed



Bottom inside the printer

As shown by the arrows, use Allen Key H2.5 to remove the three screws marked in red circles.

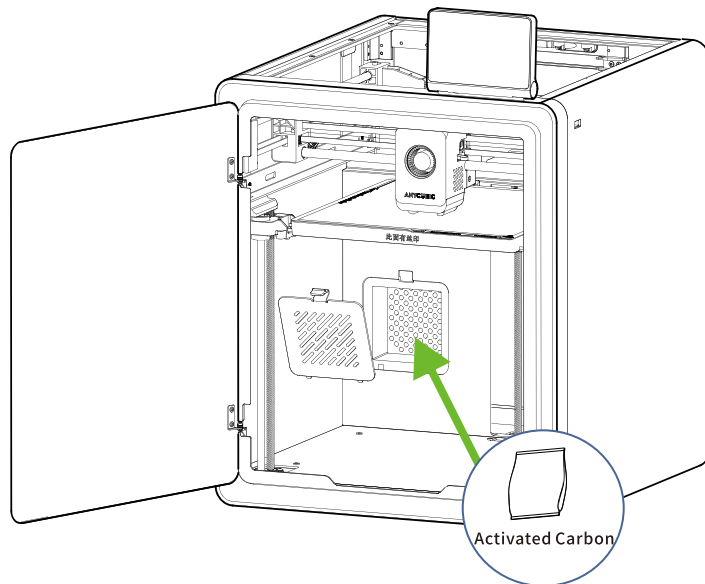
Install Spool Holder



Secure the spool holder with M3*6 screws from the accessory box.

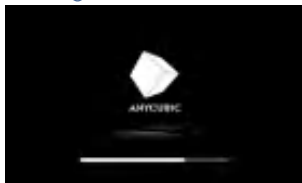
Install Activated Carbon

Take out the activated carbon from the accessories box, and tear off the vacuum packaging, place it in the filter box inside the printer.

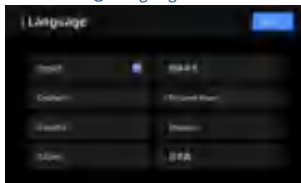


Power-on Guide

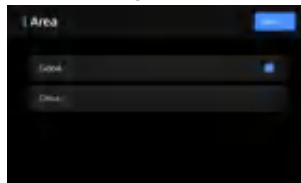
① Main Interface



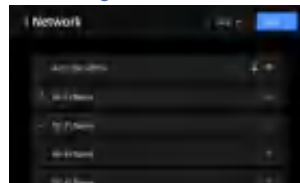
② Language



③ Area



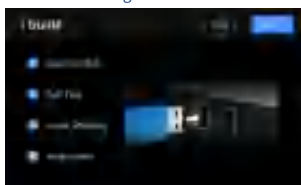
④ Network



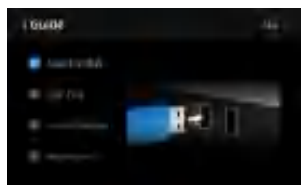
⑤ Cloud



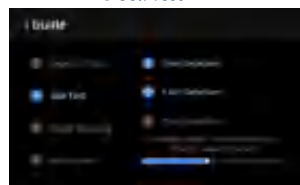
⑥ Using Guidance



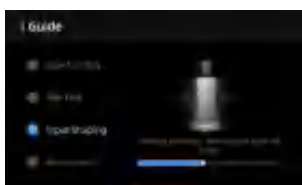
⑦ Insert U-Disk



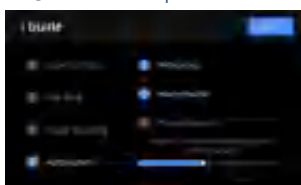
⑧ Self Test



⑨ Auto-Level



⑩ Vibration Compensation

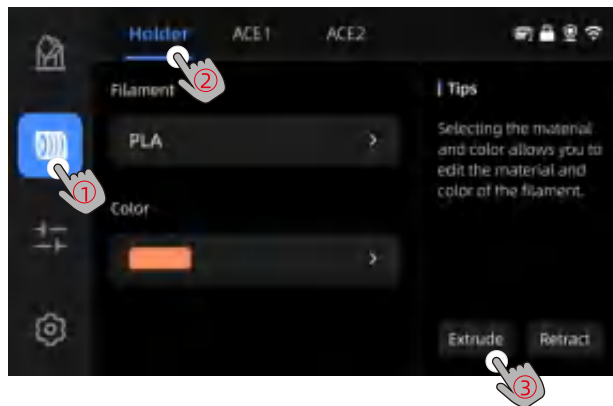
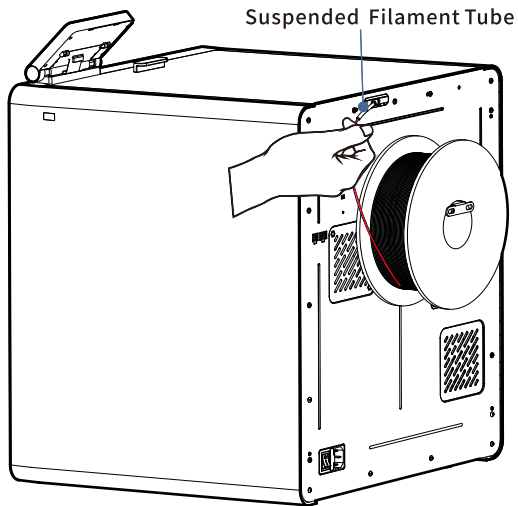
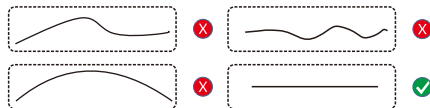


Loading Filament

- 1.Put the filament onto the spool holder.
- 2.Insert the filament from the suspended filament tube into the extruder, keep inserting it until it can't be inserted anymore.
- 3.Press "Filament" - "Holder" - "Extrude" and wait for the filament material to be extruded from the nozzle.

Note:

Before inserting the filament into the extruder, make sure to straighten the end of the filament.

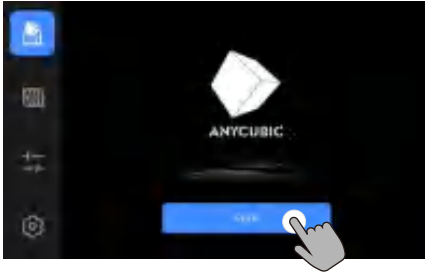


First Print

1) Select a model from the local or U-DISK and start printing.

*We recommend using one of the pre-loaded files as a first test print.

Makeronline QR Code: Models can be downloaded via Makeronline



Select the model from local storage or U-DISK.



Print



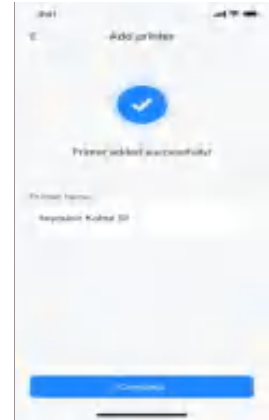
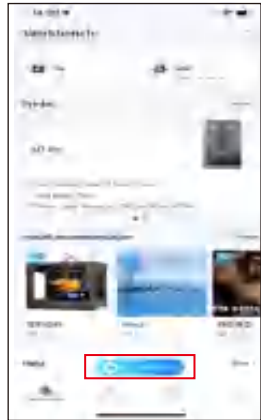
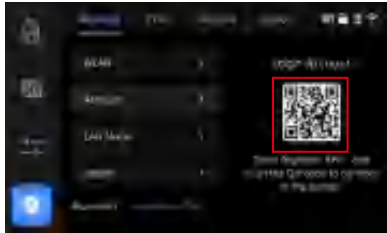
Printing in progress

Note :1. The built-in model is subject to reality.
2. The printer will generate high temperatures when working.
Please do not touch the hot bed and nozzles with your hands.



Printer Binding

1. Please connect the printer to the network first.
2. Scan the QR code on the printer screen, QR code path: [Settings]-[Network]-[Account], download the ANYCUBIC App, register and log in to the ANYCUBIC account.
3. Open ANYCUBIC App, click [+intiate printing], click [Scan], and scan the QR code on the printer screen to bind ANYCUBIC account.



Software Installation and Binding

1. Software Installation Procedure

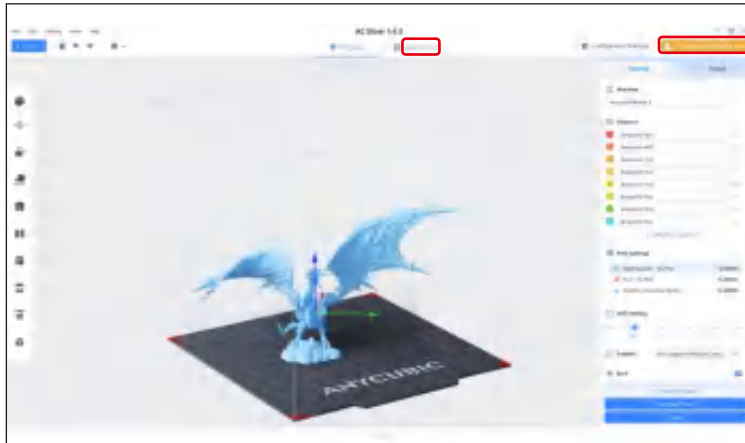
Open the attached USB drive and navigate into the path: \Files_English_Ancubic Kobra S1\Ancubic Slicer, choose Windows /Mac to install the corresponding version, double-click on the Ancubic Slicer application to begin the installation .

2. Please connect the printer to the network before performing the following operations.

3. Anyubic Slicer Usage Instruction:

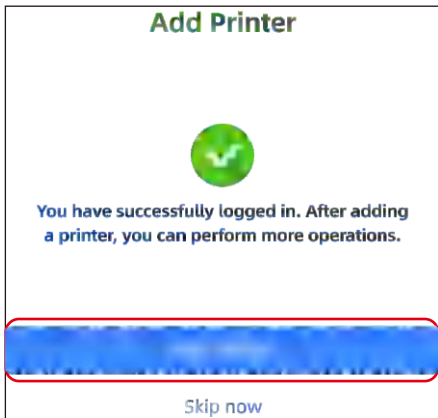
Open the attached USB drive and navigate into the path: \Files_English_Ancubic Kobra S1\Ancubic Slicer \Ancubic Slicer_Usage Instructions

- ① After the software installation is completed, enter the main interface and click **[Workbench]** or **[Login to begin remote print]**.
- ② If you already have an APP account, you can directly enter your account and password to login. If not, click **[Sign Up Now]**.

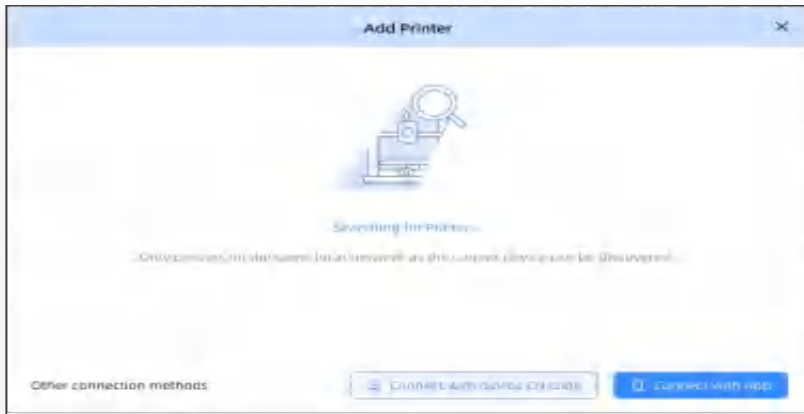
A screenshot of the login screen for the Anyubic Slicer application. The screen has a white background with a blue header bar. At the top, there are two tabs: 'Email Login' and 'Mobile Login'. Below the tabs, there are input fields for 'Account' and 'Password'. A 'Remember Me' checkbox is located below the password field. A blue 'Log In' button is at the bottom. At the very bottom, there is a link that says 'No Account ? Sign Up Now'.

Software Installation and Binding

③ Click [Add Printer].

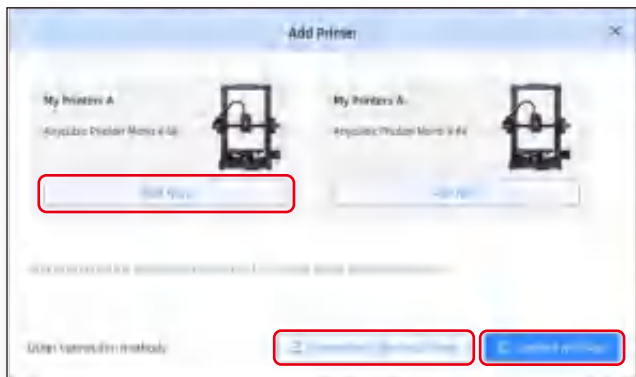


④ Automatically find printers on the same LAN as the current device.
If the APP has been bound to the machine and logged in to the same account, the information will be automatically synchronized.



Software Installation and Binding

- ⑤ Select the machine that needs to be bound in the automatic search results and click **[Add Now]**. Multiple printers can be connected; if the search is not successful, please click **[Connect with device CN code]** or **[Connect with APP]**.
- ⑥ If the search fails, enter the CN code of the device to connect. Find the CN code path: select **[Settings-Cloud Platform -Device Information-CN Code]** on the printer.



Note:

The software interface is subject to the latest version.



Other Function Descriptions

Vibration Compensation: To achieve better printing results, it is recommended to perform a vibration compensation check after printing for more than 300 hours or when the machine has been moved. This feature helps reduce the occurrence of banding during high-speed printing. Regular vibration compensation checks help maintain the stability and accuracy of the printer, thereby improving print quality.

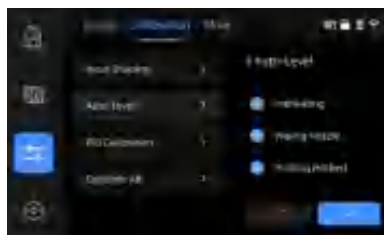
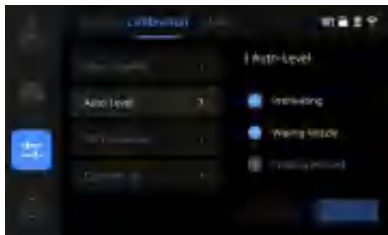
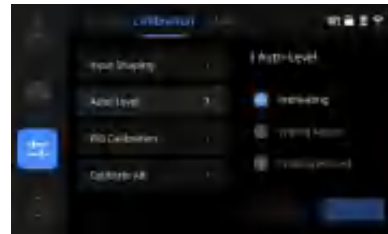
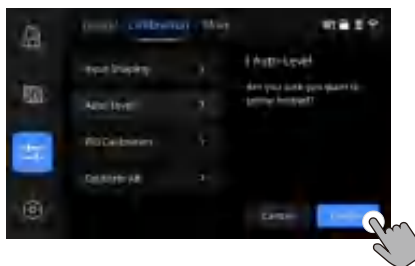
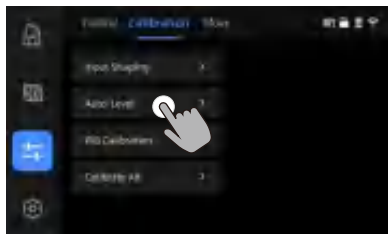
Press "Tools" - "Calibration" - "Vibration Compensation" and wait for the machine to complete the calibration. Please do not touch the machine during the calibration process.

Filament Runout Detection: This function is designed to prevent printing failures when the filament runs out during the middle of a print. It alerts the user to replace the filament before continuing the print, effectively preventing wasted prints due to filament shortage.

Power Loss Resume: When printing using the filament holder, in the event of a sudden power outage or accidentally turning off the machine, this function does not require manual setup. Simply reconnect the power and turn on the machine. You can then resume the print.

Leveling

Press "Tools" - "Calibration" - "Auto Level". Wait for the machine to complete the leveling process.



Note:

Please check whether the PEI magnetic spring board is installed before leveling.



Attention

1. Anycubic 3D printer generates high temperature. DO NOT reach inside of the printer during operation. Contact with extruded materials may cause burns.
2. Use high temperature resistant gloves when operating the product.
3. This equipment is not suitable for use in locations where children are likely to be present.
4. The fuse rating for the printer is 250V 10A. Never replace the fuse with one of a higher amperage, otherwise it may cause fire.
5. The socket-outlet shall be easily accessible.

If the above problems cannot be solved, please initiate consultation in our after-sales service system, and our engineers will reply you in the form of email within one working day.

(<https://support.anycubic.com/>)



Warm tips:

1. Fill in the information based on the SN of the corresponding model. The items with red dots are mandatory.
2. If the order is successful, you will soon receive a reply from the after-sales service system in your mailbox.
3. If you successfully place an order but do not receive an email, please watch out for spam.
4. If the order creation fails, please pay attention to the pop-up reminder on the web page.

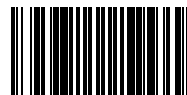


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