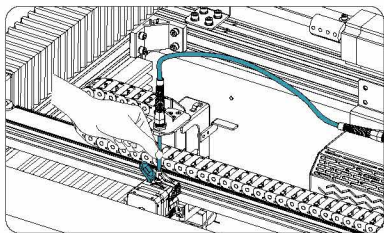


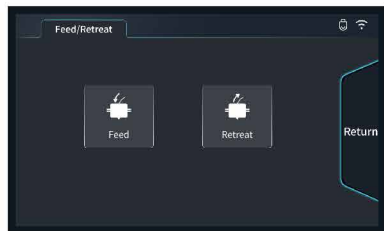
5.Functional Specification

5.2 Change Filament

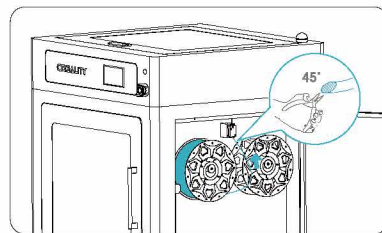
7. Reinsert the PTFE tube.



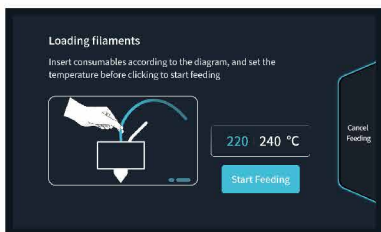
8. Click on the "Extrude".



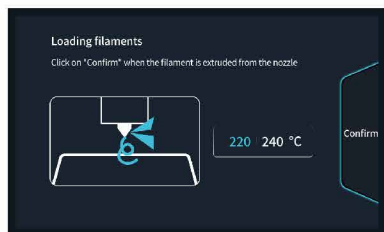
9. Filament loading.
(Insert the filament into the deepest part of the PTFE tube until it cannot be moved.)



10. Click to start extruding.



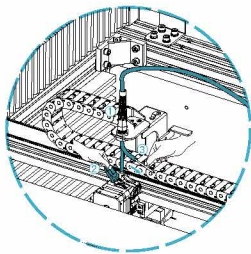
11. Wait for the filament to start flowing out from the nozzle. The extruding process is complete.



12. Back to the printing page and click on the "Resume Print".

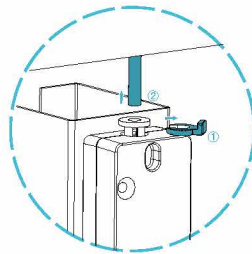


5.3 Load TPU Filament



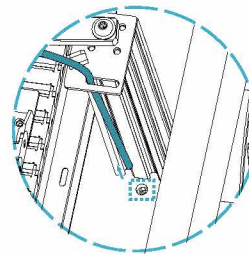
Step 1

- ① Loosen the connector.
- ② Press the extrusion clamp.
- ③ Pull out the PTFE tube (standard accessory) and filaments.

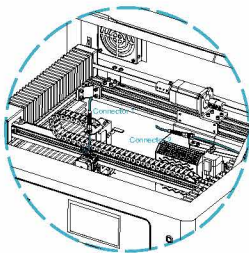


Step 2

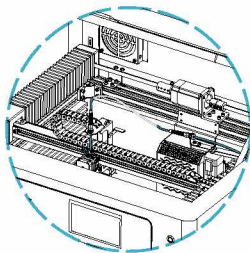
- ① Remove the blue cable clamp from the Filament Detection.
- ② Pull out the PTFE tube (standard accessory).



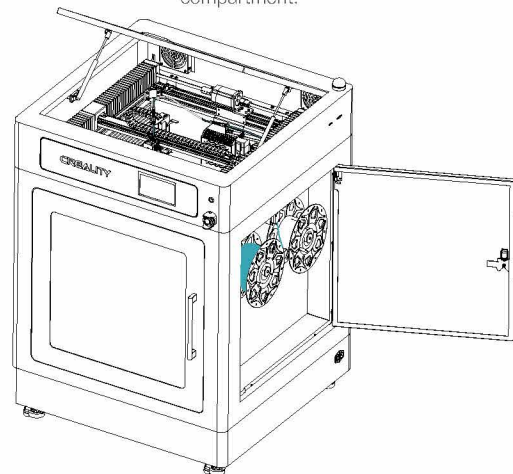
Step 3. Remove the PTFE tube (standard accessory) from the filament compartment.



Step 4. Insert the TPU-specific PTFE tube (short) from the accessory box through connector 1 into the extruder, and insert the TPU-specific PTFE tube (long) from the accessory box through connector 2 into the Filament Detection switch.



Step 5. Load TPU filament (insert the TPU filament into the TPU-specific PTFE tube as deep as possible until it cannot be moved).

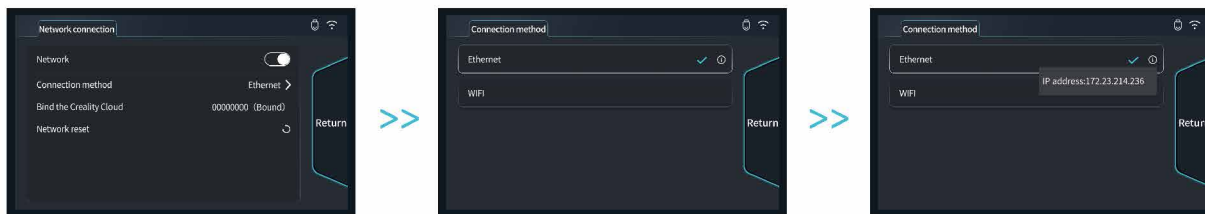


5.Functional Specification

5.4 Network Settings

5.4.1 RJ45 Networking

After the network cable is inserted to the machine, click on Settings → Network Connection → Connection Method → Ethernet on the homepage to finish the connection to wired network.



5.4.2 WiFi Connection

Click Settings → Network Connection → Connection Method → WiFi on the homepage of the screen, select the corresponding WiFi and enter the password to finish the wireless network connection (only support 2.4GHz band).



Note: If network connection is not successful, please click on "Network Reset". After resetting, the machine needs to be powered off and restarted.



Tips: The current interface is for reference only. As the functions are constantly upgraded, please refer to the latest software UI on the official website.

5.5 Bind to the Creality Cloud



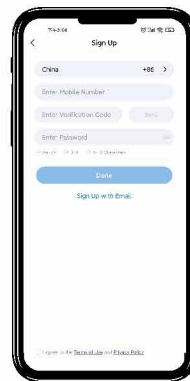
1. Scan the QR code to download the app.



2. Download.



3. Sign up.



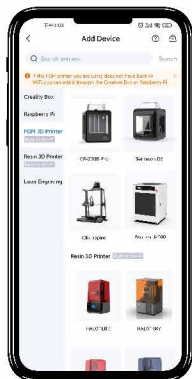
4. Log in.

5.Functional Specification

5.5 Bind to the Creality Cloud



5. Add a new device.



6. Choose Sermoon M500.



7. Make sure the device is networked.



8. Enter the binding code.



How to view the binding code



Note: The Language Selection during startup will also determine the server environment, with Chinese language corresponding to the Chinese environment, and languages other than Chinese corresponding to the international environment.
If you are unable to view the binding code, please ensure that your region matches the selected server environment of the device.



Tips: The current interface is for reference only. As the functions are constantly upgraded, please refer to the latest software/firmware UI on the official website



6. Routine Maintenance

6.1 Maintenance Items

Maintenance Instructions		
Machine cleanup	Clean the debris inside the machine to ensure that its operation is not affected.	Before each print.
Hot end	Solution to extruder blockage: After preheating and removing the filaments, raise the temperature of the extruder and poke into the extruder from top to bottom using an extruder cleaner until the blocked filaments are poked out.	After extruder blockage.
	Replace the nozzle.	Every 500 hours of accumulated printing time.
	Check if the wire output is normal, if not, please check if the extruder is blocked.	After each change of filaments.
	Check the nozzle for filament residue, if so, heat the nozzle and remove it with a tool.	Before each print.
Printing platform	Check the surface of the platform for residual filaments and glue, if so, clean the surface of the platform.	Before each print.
Motion mechanism	Lubricate the Z-axis optical shaft, lead screw, and XY-axis guide rails.	Every 500 hours of accumulated printing time.
Air filtration	Replace the air filter cartridge.	Annually.
Leveling	Auxiliary leveling.	Every 1,000 hours of accumulated printing time.
		Every 2 months.
	Auto Leveling.	Every 500 hours of accumulated printing time.
		After extruder replacement.
Filament replacement	Replacement of filaments of the same kind: follow the normal Retract — Extrude process.	/
	Replacement of different filaments: Preheat the nozzle to reach the target temperature of the current filament; then retract and replace it with the target filament, and preheat the nozzle to the higher filament extruder temperature of the two filaments; extrude for 30s until the remaining filament is completely extruded, and finally set the nozzle temperature to the temperature of current filament nozzle.	

6. Routine Maintenance

6.2 Error Code Instructions

Error Code Instructions	Parameters
E01	PID adjustment failed
E02	Homing position failed
E03	SD card reading failed
E04	EEPROM indexing failed
E05	EEPROM verification failed
E06	Nozzle heating escaped
E07	Nozzle heating failed
E08	Nozzle thermistor abnormality
E09	Hotbed heating escaped
E10	Hotbed heating failed
E11	Hotbed thermistor abnormality
E12	Leveling failed
E13	CR-touch abnormality
E201	Instruction timeout
E202	Homing position failed
E203	Leveling failed
E204	SD card reading failed, system reboot required
E205	Heating escaped
E206	Heating failed
E207	Thermistor abnormality

In the event that any of the above problems arise and cannot be resolved:

① Please visit <https://www.crealitycloud.com/product>, click on "Products" and select the right model, and then click on "Related" to view the tutorials on after-sales service;

② click on "Products" and select the right model, and then click on "Related" to view the tutorials on after-sales service;

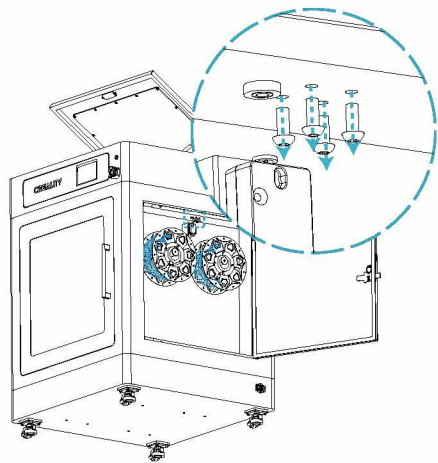
6. Routine Maintenance

6.3 Instructions for Maintenance

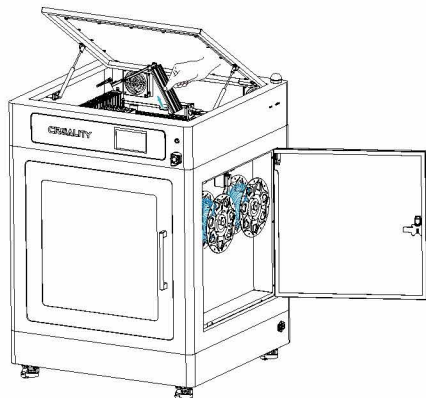
6.3.1 Lubrication Protection



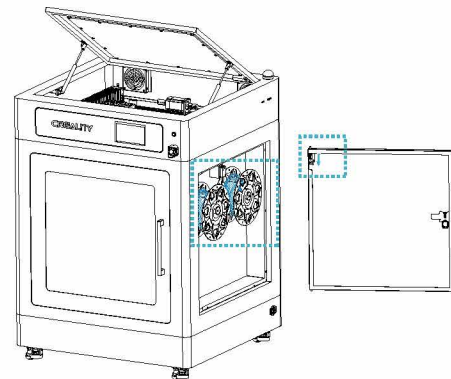
Tips: Maintenance of the Z-axis drive components is recommended once a year.



1. After removing the PTFE tube, remove the four screws on the top of the filament bin.



2. Remove the guide assembly.

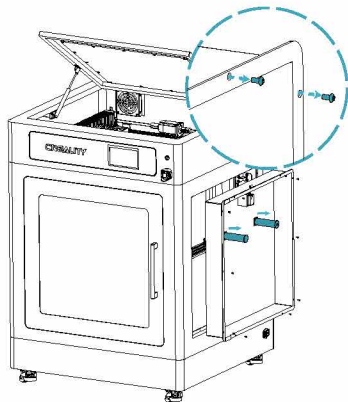


3. Press the latch of the filament bin door downward, open the door, and then remove the filament.

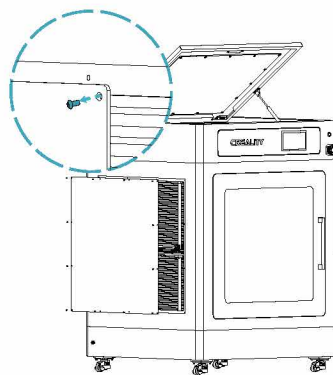
6. Routine Maintenance

6.3 Instructions for Maintenance

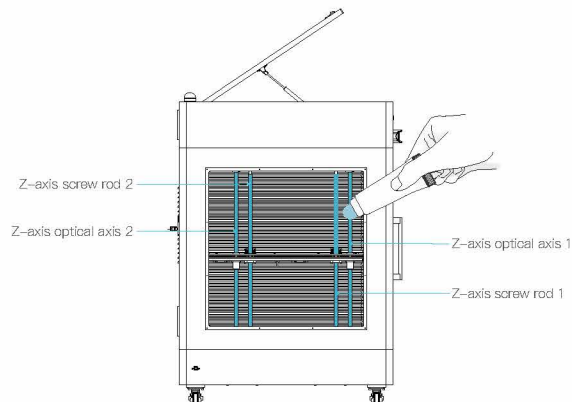
6.3.1 Lubrication Protection



4. ① Unscrew the 10 screws on the top of the filament bin in order.
- ② Hold the material rack and remove the filament bin.



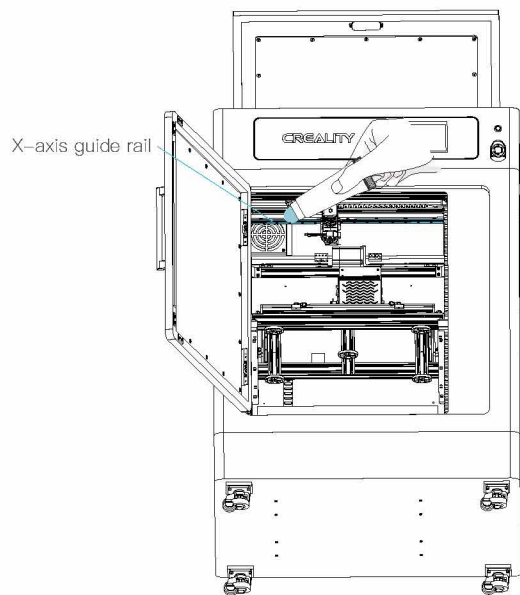
5. Unscrew the 12 screws on the left side door one by one and remove it.



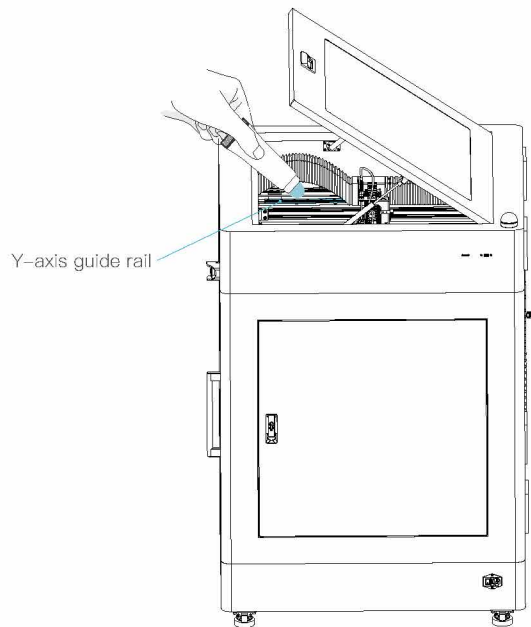
6. Apply lubricating oil to the Z-axis screw rod and optical axis.

6.3 Instructions for Maintenance

6.3.1 Lubrication Protection



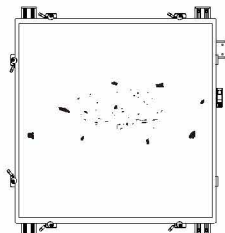
7. Apply lubricating oil to the X-axis guide rail.



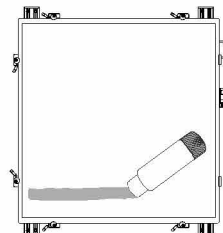
8. Apply lubricating oil to the Y-axis guide rail.

6.3 Instructions for Maintenance

6.3.2 Use and Maintenance of the Printing Platform Plate



1. The residue of the platform filaments can be scraped off with a blade. Be cautious of safety when using the blade.

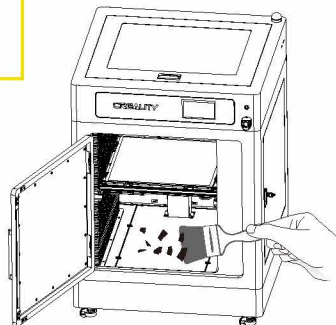


2. When the first layer of the model is not glued, it is recommended to apply glue stick evenly on the surface of the platform.

6.3.3 Cleaning of debris inside the chassis



Note: Since the printing platform plate is quick-wear, it is recommended to replace the printing platform plate regularly to ensure that the adhesion of the first layer of the model.

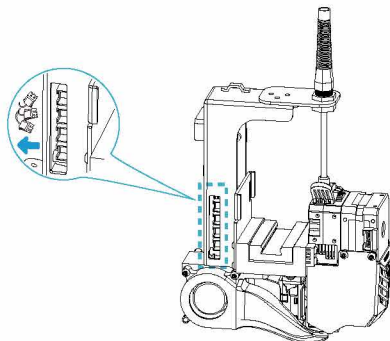


Remove foreign objects from the device

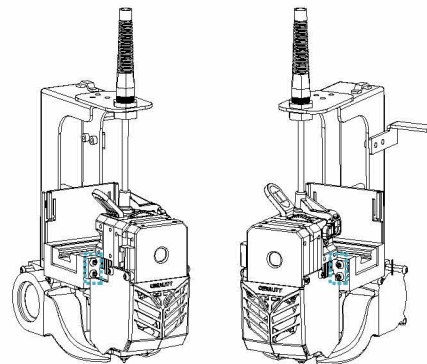
6. Routine Maintenance

6.3 Instructions for Maintenance

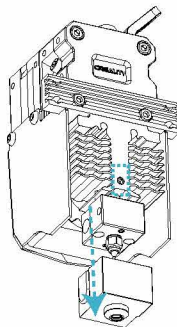
6.3.4 Rapid change of extruder modules



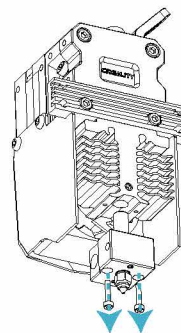
1. Disconnect the extruder heating wire, thermistor wire, and parts cooling fan wire.



2. Remove the extruder assembly by loosening the two screws on the left and right sides.



3. Loosen the securing screw on the heat sink and remove the silicone sleeve from the heating block.

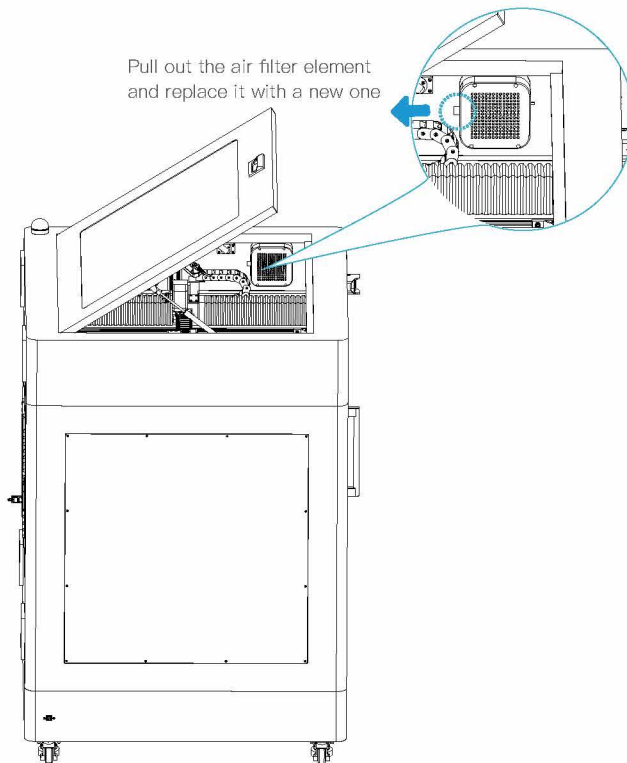


4. Remove the extruder module after loosening the screws.

6.3 Instructions for Maintenance

6.3.5 Change of the carbon filter

Pull out the air filter element
and replace it with a new one



FCC WARNING



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.

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

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 a 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

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

Due to the differences between different machine models, the actual objects and the images can differ. Please refer to the actual machine. The final explanation rights shall be reserved by Shenzhen Creality 3D Technology Co., Ltd.



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