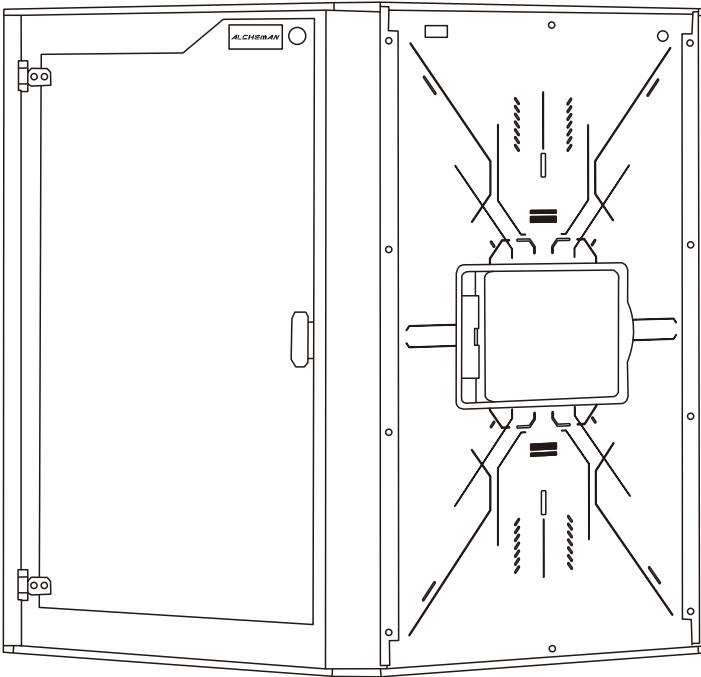


3D Printer

User Manual



Safety Tips: Please do not turn on the power before the inspection is complete.

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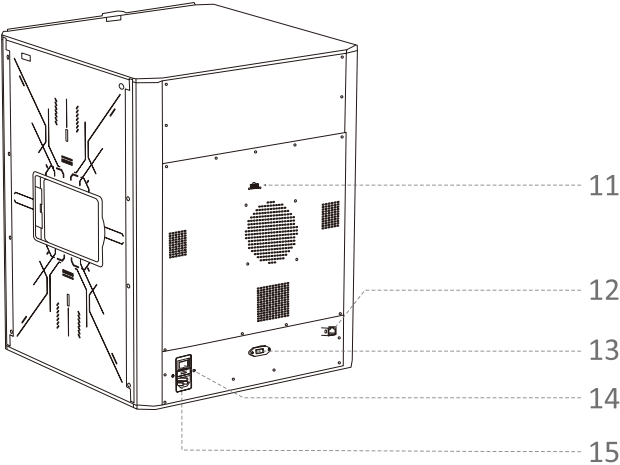
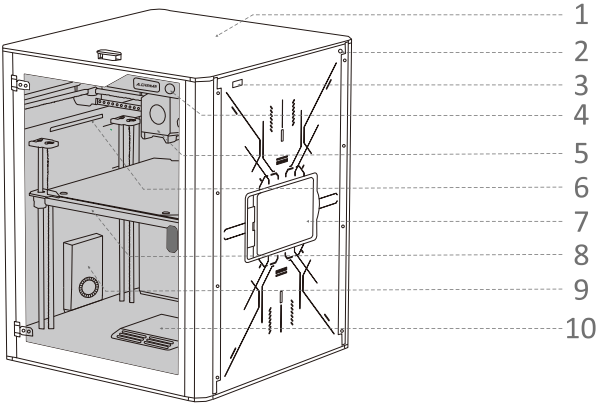
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Safety Precautions

-  Always follow the warnings below during assembly and operation.
Failure to do so may result in damage to the equipment or personal injury.
-  If any accessories are missing upon delivery, please contact customer service immediately.
-  In an emergency, turn off the power to the Elyarchi 3D printer immediately.
-  High-speed moving parts may cause pinching injuries. Keep your hands away from the machine during operation.
-  Note that if the temperature difference between two materials is too large, an appropriate amount of intermediate temperature transition material should be added.
-  Use a scraper with extra caution.
-  Machine components and tools have sharp edges. Handle with care.
-  Keep the Elyarchi 3D printer and accessories out of reach of children.
-  Use in a well-ventilated, spacious, and flat area.
-  When not in use for extended periods, take measures to protect against rain and moisture.
-  Do not disassemble the Elyarchi 3D printer without authorization.
If you encounter technical issues, please contact Elyarchi after-sales service.

3D Printer overview



- | | | |
|-----------------------|------------------|--------------------------|
| 1 Top Glass Cover | 6 RGB LED | 11 Multi-color Interface |
| 2 Filament Inlet | 7 Touch Screen | 12 Ethernet Port |
| 3 USB Interface | 8 Heatbed | 13 AC/DC Selector |
| 4 Standby Mode Switch | 9 Chamber Heater | 14 Power Switch |
| 5 Toolhead | 10 HEPA Filter | 15 Power Socket |



01

Tear off the sticker from the top of the moisture-proof bag and pull the bag down to the bottom.



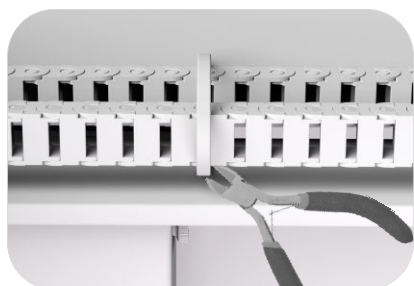
02

Keep the machine stable and work together to lift the printer out and place it on a stable surface.



03

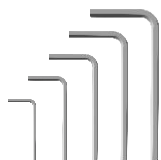
After removing the surrounding tape with other packaging materials, hang the top glass cover on the left side of the printer.



04

Remove the insulation tie securing the cable

Initial Machine Setup-Included accessories



Allen Keys



M7-M8 Wrench



0.4mm Nozzle



Build Plate
(Pre-installed on Machine)



Glue



8GB USB Stick



PTFE Tube
(Pre-installed on Machine)



Brush for cleaning
nozzle



Plier



PLA 1.75mm 250g



Scraper



2.5x5(mm) Screws x5
3.0x6(mm) Screws x5

01

Take out PTFE tube.

02

Insert PTFE tube into the inlet.

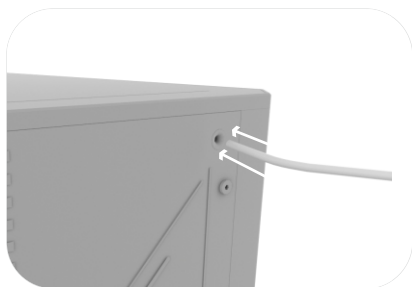
03

Use 2 fixing clips to tie the PTFE tube and tank chain.



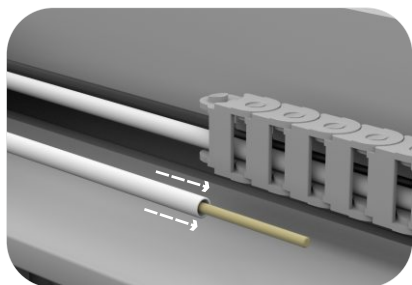
01

Place filament on spool holder.



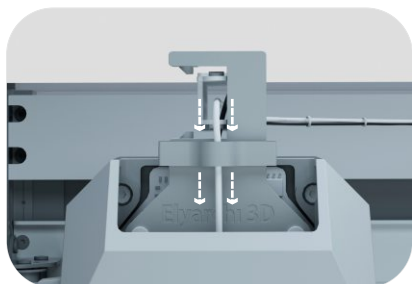
02

Insert filament into the feeder.



03

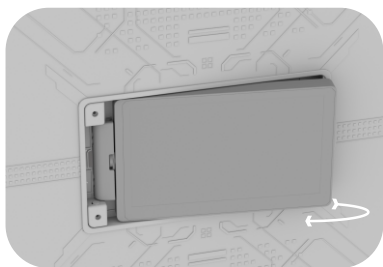
Until it passes through the PTFE tube and reaches the other end to ensure smooth delivery.



04

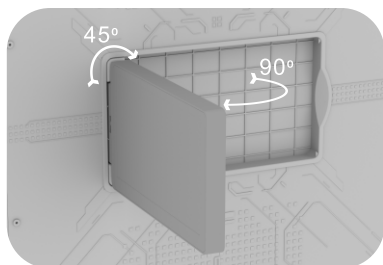
Insert the other end of this tube gently into the extruder

Control Panel Configuration



01

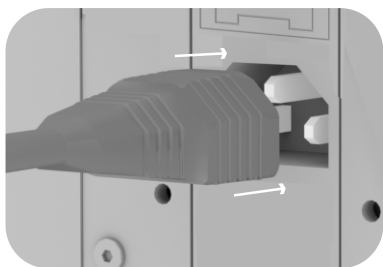
Lift the panel from the notch.



02

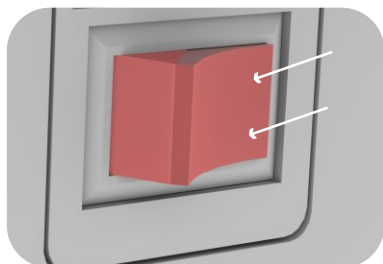
The touch screen can open up to 90° and flip forward backward up to 45°. Do not pull it outward or fold beyond these ranges.

Control Panel Configuration-Initial Setup



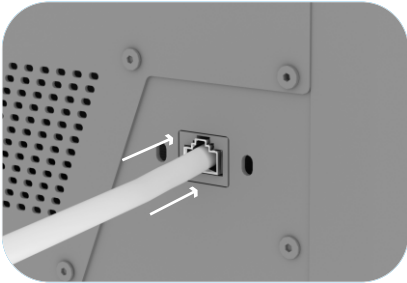
03

Plug the power cable into the socket at the back of the printer.



04

Press the red power switch to turn on the printer.

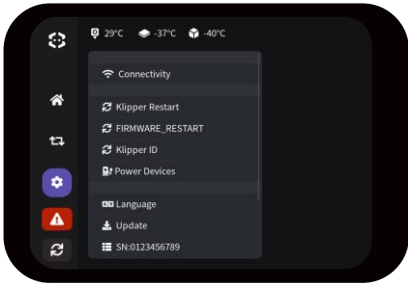


01

Wired Connection: Plug in a network cable into the port located at the bottom right on the back of the machine.

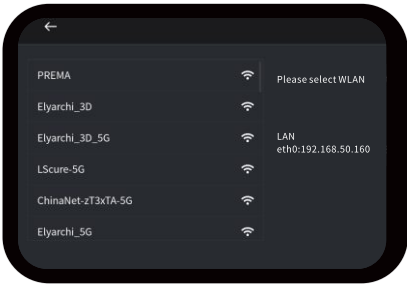
Control Panel Configuration-Network Setup

01



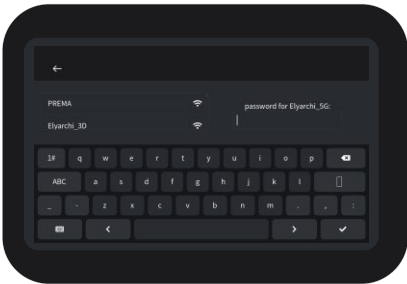
Go to the Setting page, and click the “WiFi” icon.

02



Connect your Wi-Fi, enter the password, and click.

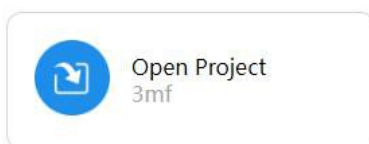
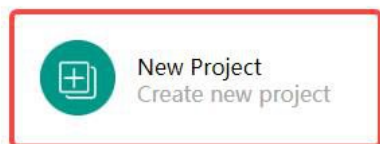
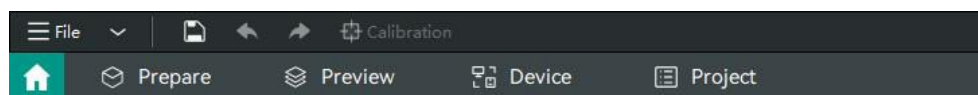
03



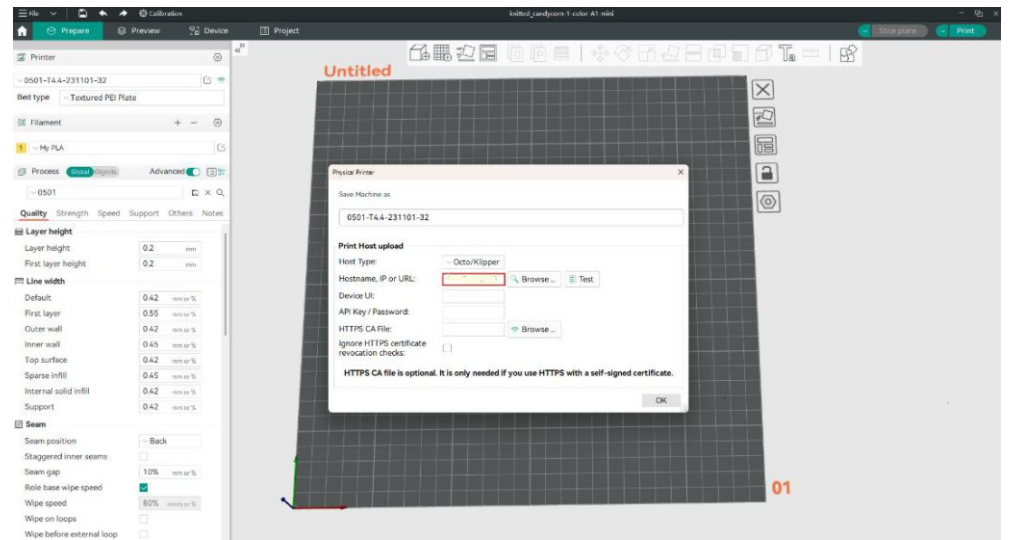
You are now connected to the network.

Our slicing software is under development. Therefore, we recommend to use Orca Slicer for your 3D printing needs to achieve the best print results. Download URL: <https://orcaslicer.net/#download-orca-slicer>. Thank you for your patience.

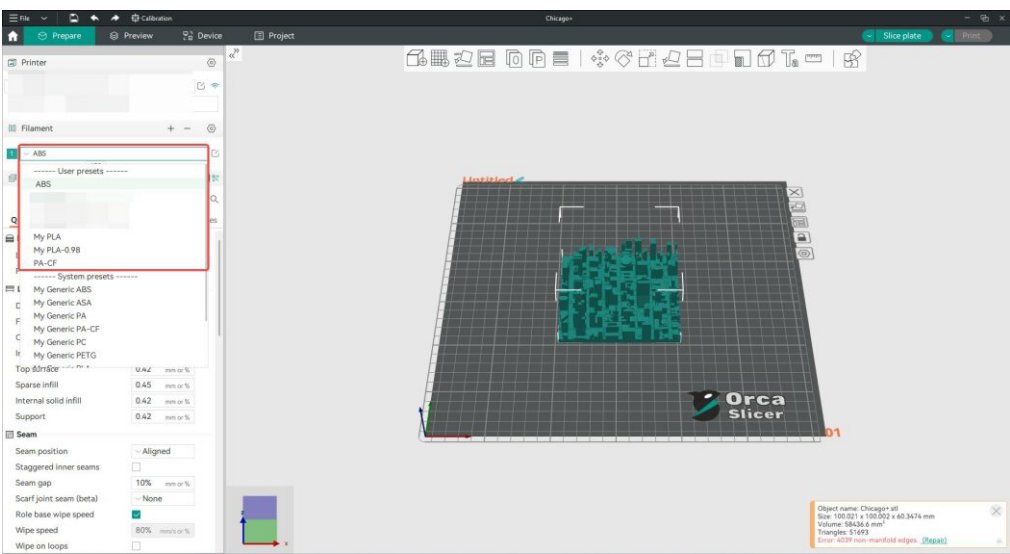
1. Complete the slicer installation.
2. Download the filament parameters from the official website and import them.
3. Click the **【New project】**.



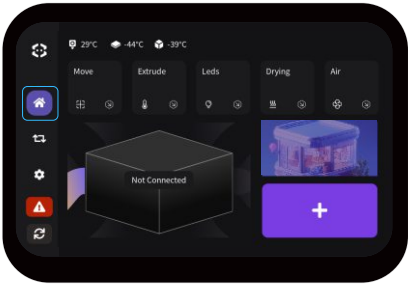
4. Click  , and fill in your **【Hostname, IP or URL】** .



5. Import the file, and select the corresponding configuration according to the print filaments.

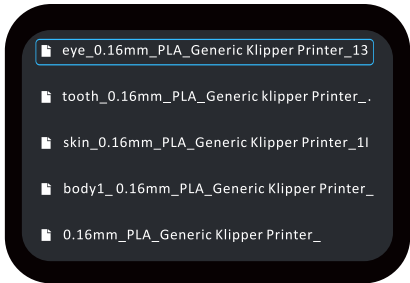


6. Finish slicing and start printing.



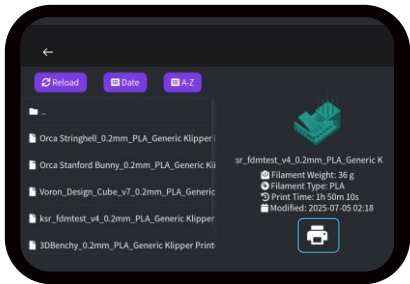
01

Tap the “+” icon at the bottom right of the screen.



02

Tap on the file you wish to print.



03

Click the printer icon to start printing.

Specifications

Components	Type	Parameter
Body	Maximum Stroke	300x290x280mm
	Chassis	Steel
	Shell	Aviation Aluminum Alloy
Tool Head	Hot End	Ceramic
	Extruder Gears	Metal & Nylon
	Nozzle	Brass
	Max Hot End Temperature	450°C
	Nozzle Diameter (Included)	0.4/0.6mm
Hot Bed	Build Plate	Flexible Steel Plate
	Temperature	130°C
Supported Filament	-	• Industrial Grade: PEEK、PPS、PEI, etc. • Engineering Grade: PC、PA、ABS, etc. • General Purpose: PLA、PLA+、PETG、TPU, etc.
Speed	Max Speed of Tool Head	500 mm/s
	Max Acceleration of Tool Head	20000 mm/s ²
Cavity Temperature Control	Active Chamber Temperature Control	✓
	Maximum Controllable Chamber Temperature	90°C
Air Purification	Particulate Matter Filtration	✓

Specifications

Components	Type	Parameter
Sensors	Temperature Sensor	✓
	Acceleration Sensor	✓
	Electromagnetic Sensor	✓
	Pressure Sensor	✓
Cooling	Part Cooling Fan	✓
	Hotend Fan	✓
	Control Board Fan	✓
	Internal Circulation Fans	✓
	Chamber Temperature Regulator Fan	✓
	Air Filter	HEPA
Power Requirements	Voltage	24V
	Maximum Power	350W
Electronic Component	Display	7 Inches
	Storage	16GB
Wi-Fi	Frequency Range	2.4G/5G
	Protocol	IEEE 802.11 b/g/n
Ethernet	Interface	RJ45
	Speed	Gigabit
Physical Dimensions	Dimensions	450 x 450 x 562 mm
	Net Weight	≈29KG

Support

For detailed information about Elyarchi products and services, visit the following websites: www.elyarchi.com

- Alcheman Support: <https://elyarchi.com/alcheman-support/>
- Pre-Sales and After-Sales: info@elyarchi.com
- Tech Support: support@elyarchi.com

Get Help and Update via Social Media



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