

# Creality Hi USER MANUAL

Creality Hi 3D Printer

V1.0\_EN

### To Our Dear Users

Thank you for choosing Creality. For your convenience, please read through this User Manual before you start and follow the instructions provided carefully.

Creality is always ready to provide you with high-quality services. If you encounter any issues or have any questions when using our products, please use the contact information at the end of this manual to contact us. To further improve your user experience, you can find more about our devices via the following methods:

You can also visit our official website (<https://www.creality.com>) to find information regarding software, hardware, contact information, device instructions, device warranty information, and more.

### Firmware Upgrade

1. You can upgrade the firmware directly through the device screen;
2. You can upgrade the firmware via the Creality Cloud OTA;
3. Please visit the official website <https://www.creality.com>, click on “Support → Download Center”, select the corresponding model to download the required firmware, (Or click on “Creality Cloud → Downloads → Firmware”), after installation is complete, you can use it.

### Product Operation and After-Sales Service Information

1. You can log in to the Creality Official Wiki (<https://wiki.creality.com>) to explore more detailed after-sales service tutorials.
2. Or contact our after-sales service center at +86 755 3396 5666, or send e-mail to [cs@creality.com](mailto:cs@creality.com).



Creality Wiki

## NOTES

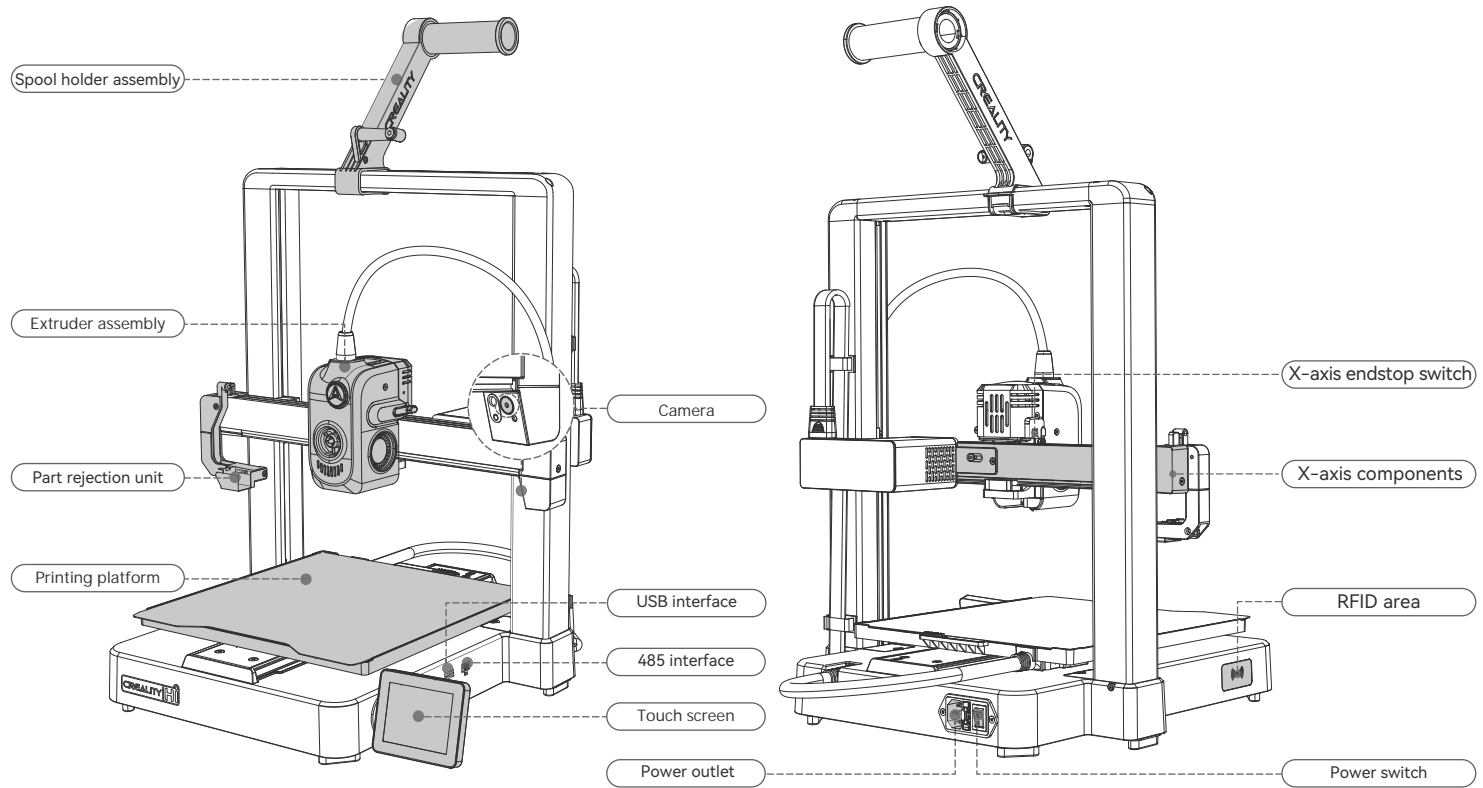
1. Do not use the printer in any way other than described herein in order to avoid personal injury or property damage;
2. Do not place the printer near any heat source or flammable or explosive objects. We suggest placing it in a well-ventilated, cool and dustless environment;
3. Do not expose the printer to a violent vibration or any other unstable environment, as this may cause poor print quality;
4. Please use recommended filaments to avoid clogging of the extrusion head and causing damage to the machine;
5. Do not use the power cable of other products during installation. Always use a grounded three-prong power outlet, which accompanies the printer;
6. Do not touch the nozzle and the heated bed during operation to avoid burns or personal injury;
7. Do not wear gloves or wraps while operating the machine to prevent entrapment of movable parts that could cause crushing and cutting injuries to bodily parts;
8. Use the provided tools to clean the filament from the extruder in time taking advantage of the residual temperature after printing. Do not touch the extruder directly when cleaning, otherwise it may cause burns;
9. Clean the printer frequently. Clean the printer body with a dry cloth regularly after powering off the printer, wipe away dust, bonded print filament and foreign objects on the guide rails;
10. Children under 10 years old should not use the printer without supervision, otherwise it may cause personal injury;
11. Users should comply with the laws and regulations of the corresponding countries and regions where the equipment is located (used), abide by professional ethics, pay attention to safety obligations, and strictly prohibit the use of our products or equipment for any illegal purposes; Creality will not be responsible for any violators' legal liability under any circumstance;
12. Tip: Do not plug in or unplug wires on a charged basis.

## Contents

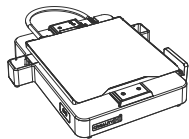


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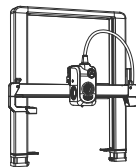
## 1. About the Printer



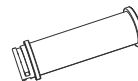
## 2. Parts List



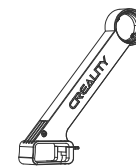
① Base component



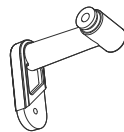
② Gantry frame



③ Spool barrel



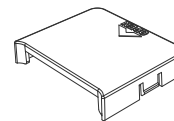
④ Spool holder



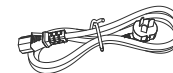
⑤ Anti-tangle spool holder



⑥ Teflon tube










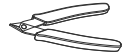



⑦ Z-axis motor cover ×2



⑧ Power cable

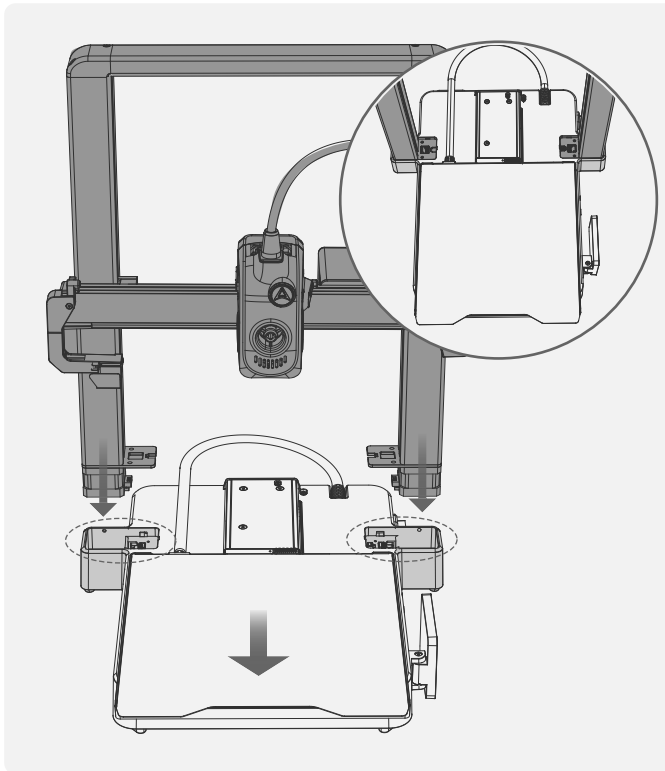
## 2. Parts List



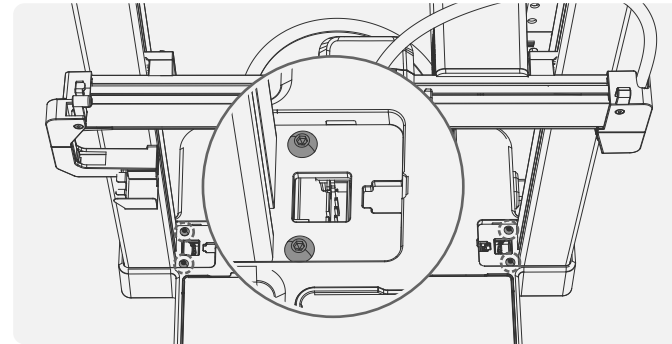
<div>                      Accessory Kit                 </div>				
 <p>① M4*8 Hexagon socket button head screws × 4</p>	 <p>② M3*6 Hexagon socket button head screws × 2</p>	 <p>③ M3*5 Flat head self-tapping screw × 1</p>	 <p>④ Hexagonal wrench</p>	 <p>⑤ Socket spanner</p>
 <p>⑥ Filament</p>	 <p>⑦ Cutting plier</p>	 <p>⑧ Nozzle cleaner</p>	 <p>⑨ Quick Guide</p>	 <p>⑩ After-sales services card</p>
Tips: the above accessories are for reference only. Please refer to the physical accessories.				

### 3. Assembly Procedure

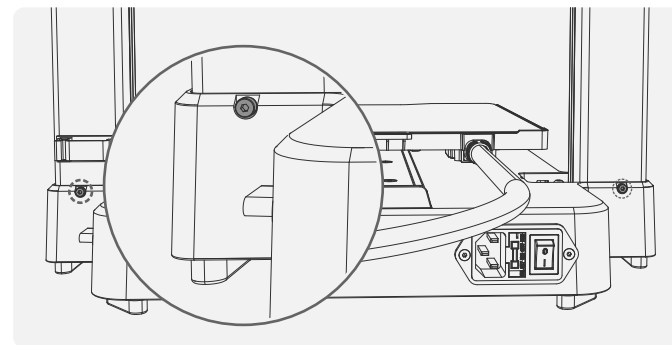
#### 3.1 Install Gantry Frame Assembly



- 1 Push the platform plate forward to expose the side slots, then place the gantry frame into the base slots;



- 2 Align the gantry frame with the base holes and tighten with four M4\*8 screws;

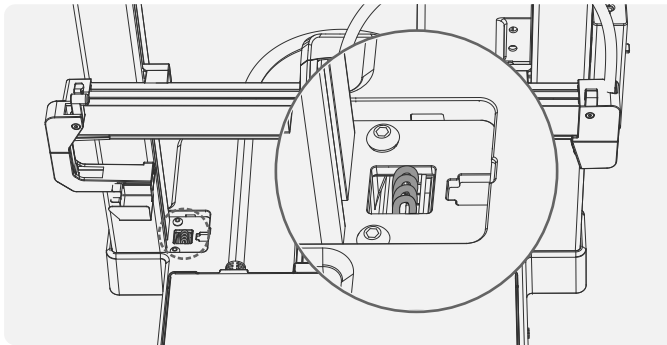


- 3 Use two M3\*6 screws to lock against the holes on the back side of the base.

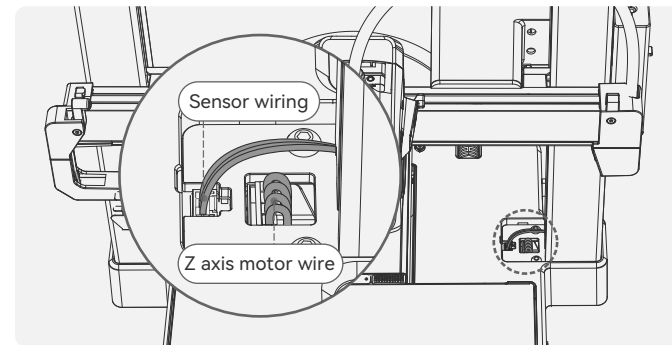


## 3. Assembly Procedure

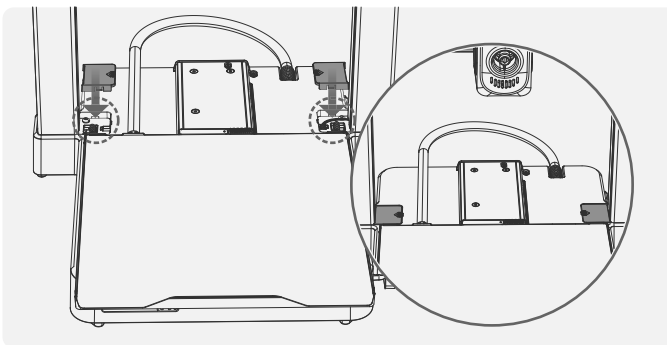
### 3.2 Gantry Frame Motor Wiring



1 Connect the left Z-axis motor wire;



2 Connect the right Z-axis motor wire and sensor wire;



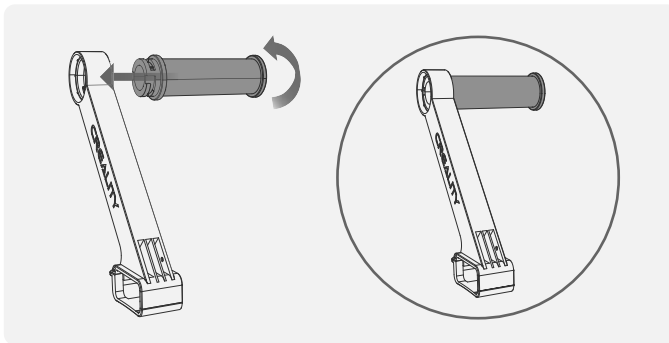
3 Install the Z-axis motor covers.



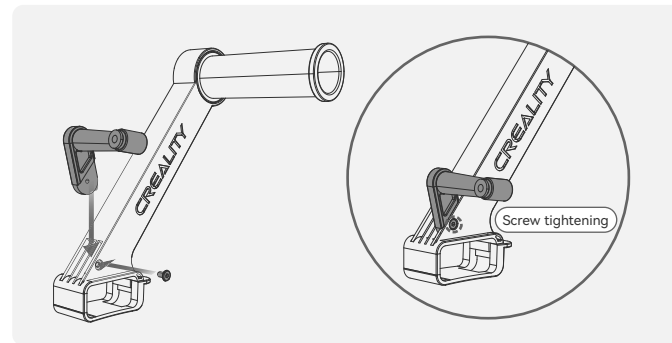
When installing the Z-axis motor covers, make sure the wires are pressed into the bottom of the wire channel to avoid the motor covers pinching the wires.

### 3. Assembly Procedure

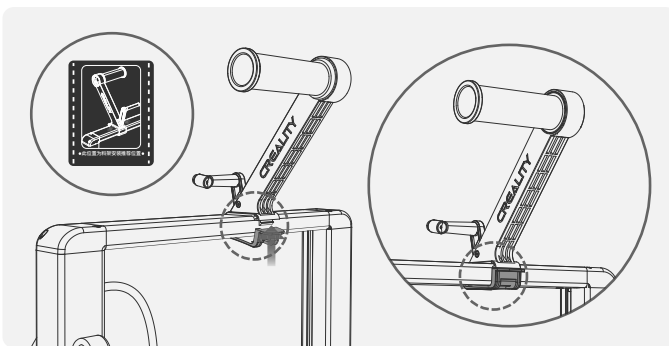
#### 3.3 Install Spool Holder Assembly and Rotate Screen



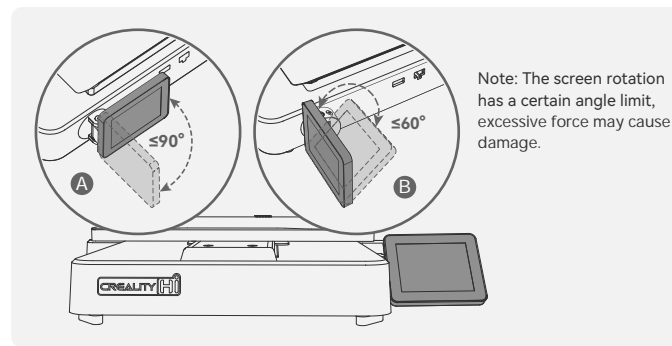
① Install the spool holder and spool barrel according to the diagram;



② First fix the anti-tangle spool holder onto its assembly according to the diagram, and then tighten it with a M3\*5 screw;



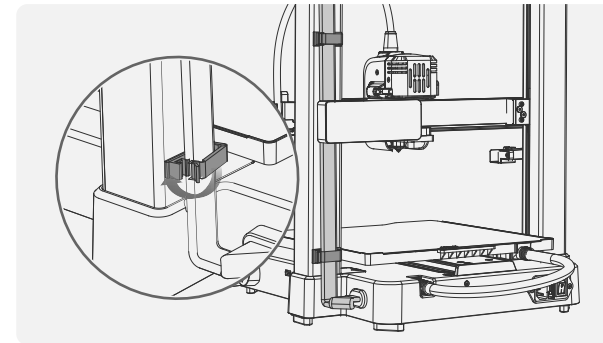
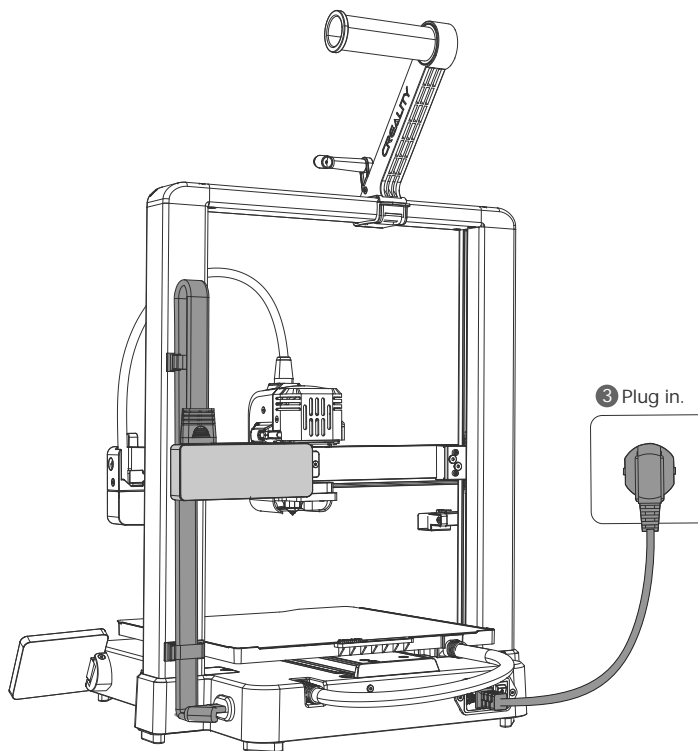
③ As indicated by the label on the gantry frame marked "Recommended installation position for spool holder", attach the spool holder assembly to the top of the gantry;



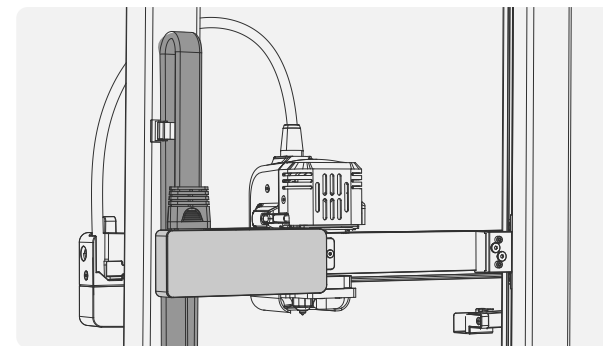
④ Rotate the screen to the front according to the diagram.

### 3. Assembly Procedure

#### 3.4 Equipment Wiring



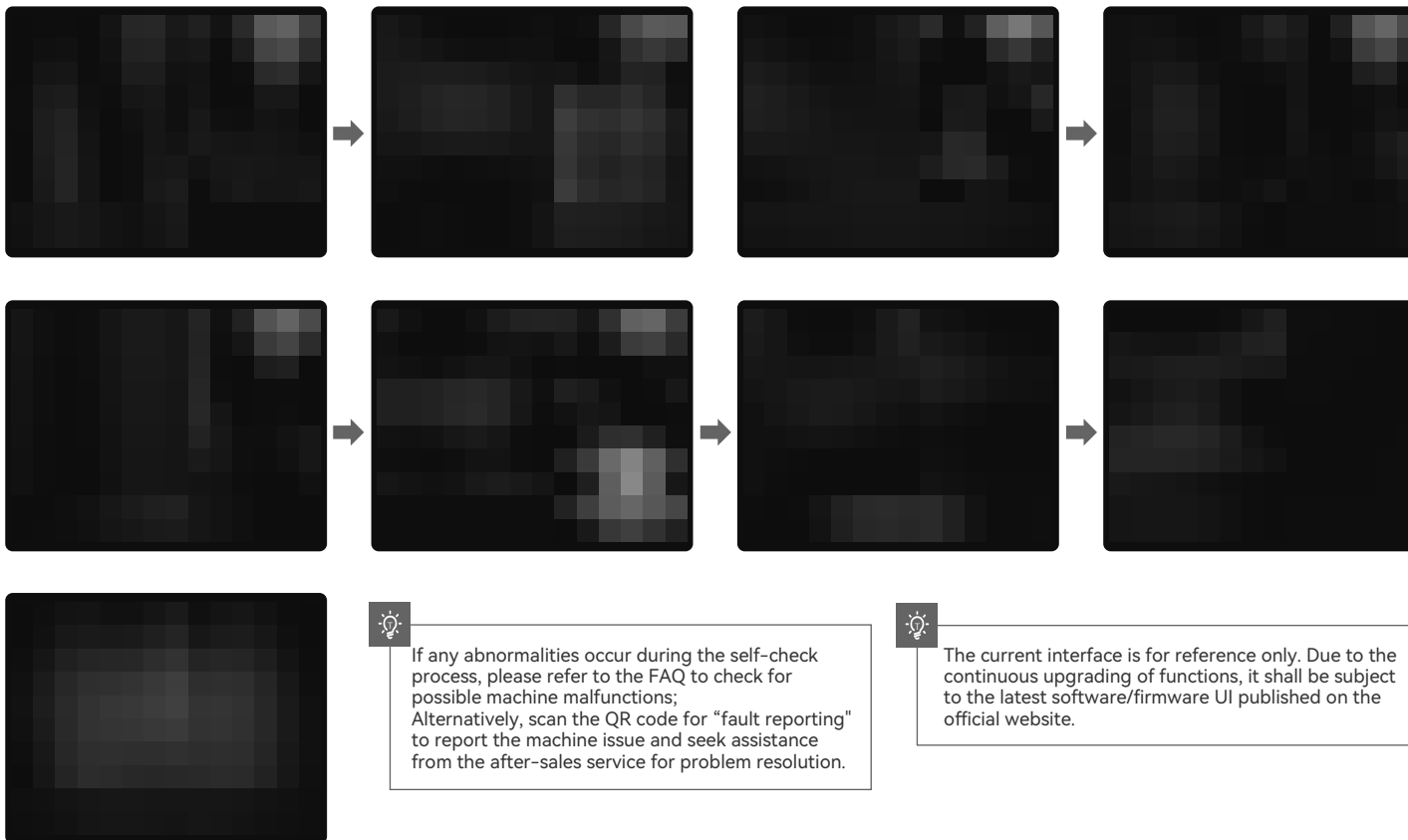
1 Clip the patch cords into the clamp;



2 Connect the patch cords to the X-axis motor.

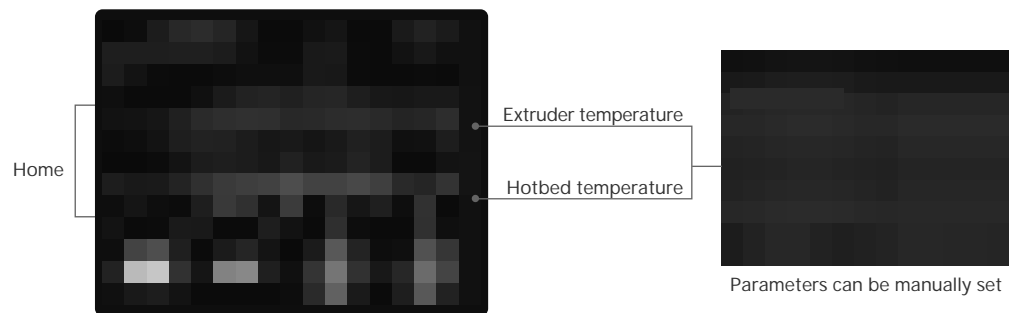
## 4. About the Power-on Guide and User Interface

### 4.1 Power-on guide

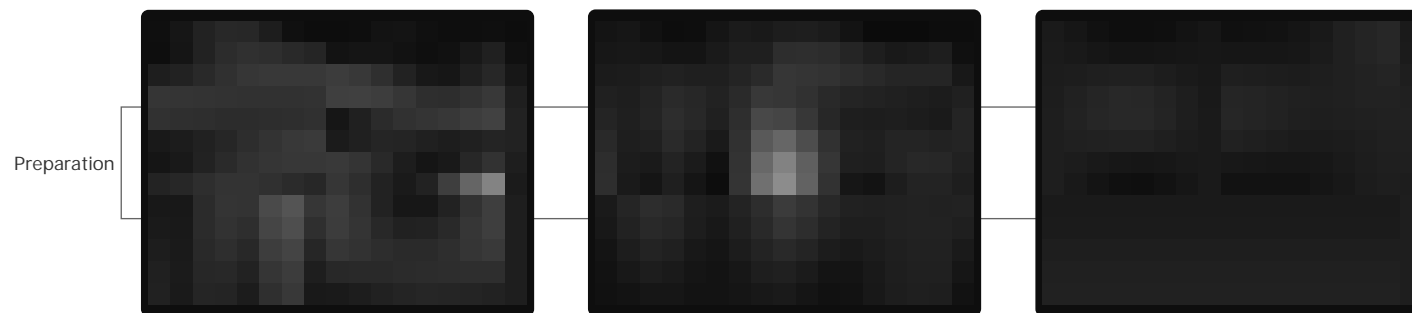


## 4. About the Power-on Guide and User Interface

### 4.2 Overview of Equipment Interface



\* You can configure functions such as extruder temperature and hotbed temperature through the Home;

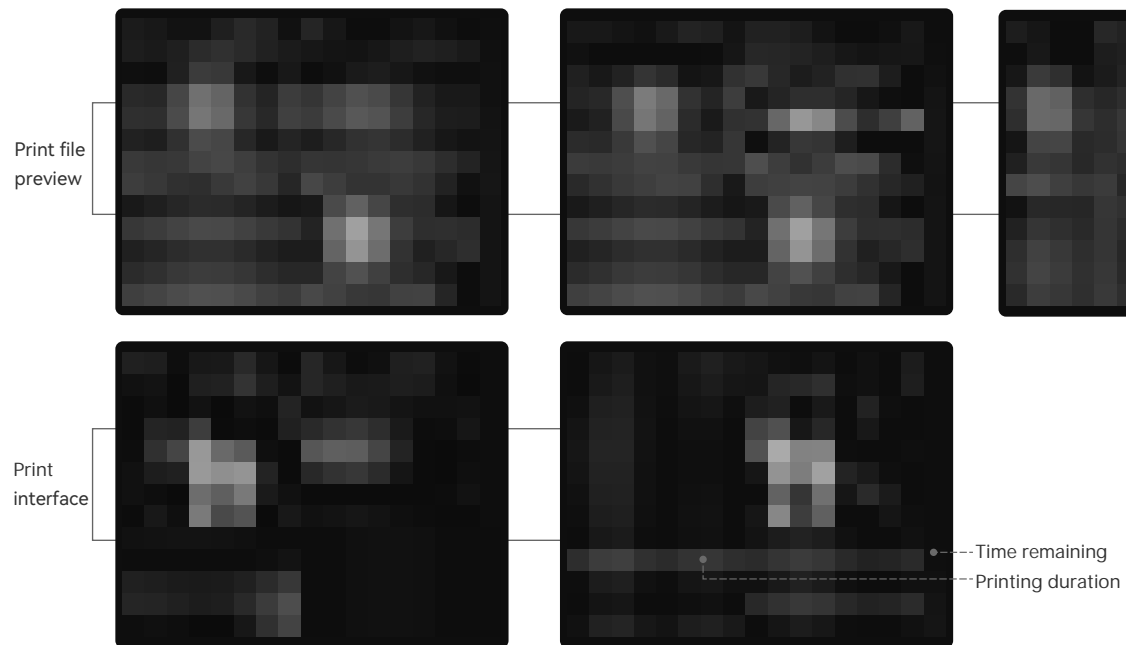


\*Functions such as axis movement, filament editing/extrusion/retraction, cooling, etc., can be set via the preparation interface.



The current interface is for reference only. Due to the continuous upgrading of functions, it shall be subject to the latest software/firmware UI published on the official website.

#### 4. About the Power-on Guide and User Interface

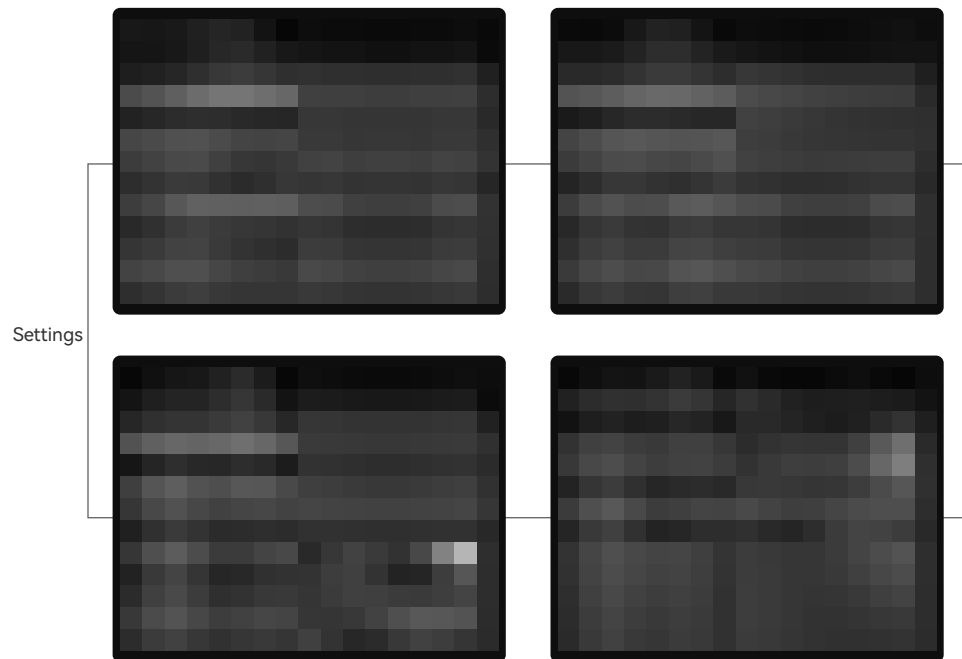


- \* Click on the model file to access its details
- \* Checking "Print calibration" can improve print quality



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#### 4. About the Power-on Guide and User Interface

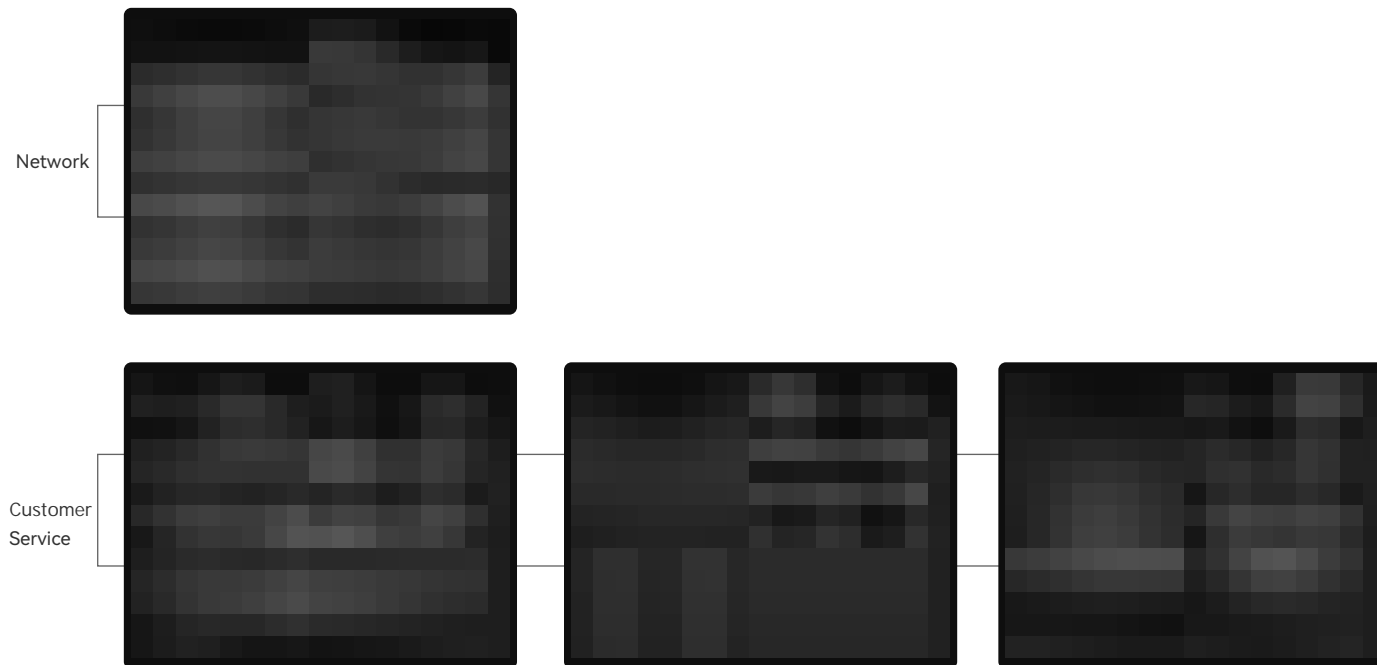


\* System functions can be set and machine information can be accessed through the settings interface.



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#### 4. About the Power-on Guide and User Interface



\* FAQs, manuals, error history, upload logs, etc. can be viewed through the customer service interface.



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