

Quick Start Guide



SIMAX3D

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Ver 1.0

Model: Iron-M1

Version Record

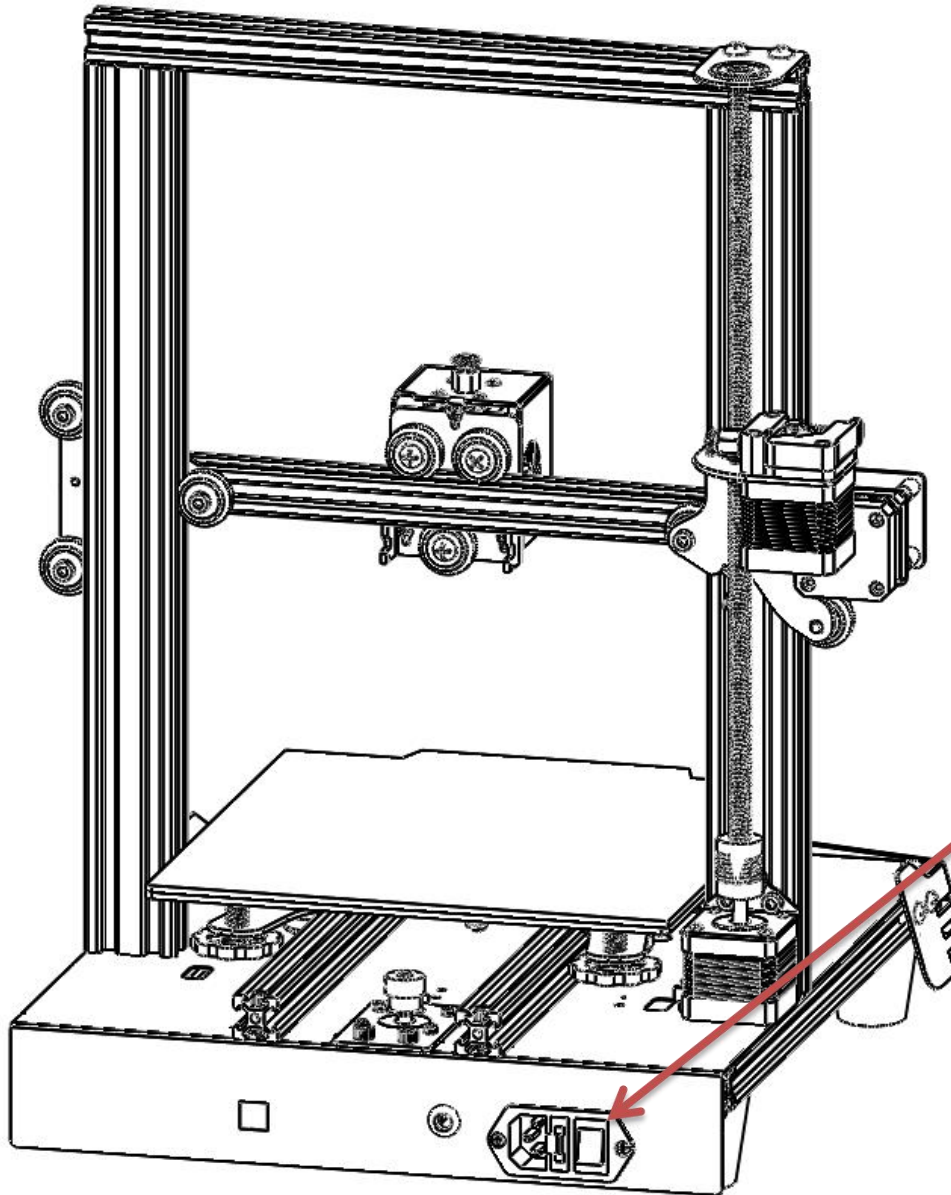
Version	Date	Author	Check	Remark
1.0	2020.4.22	Felix		

- Detailed user manual is stored in the SD card, please copy to your PC before using the SD card.
- If you have any problems with the Quick Start Guide, please feel free to contact us, we will reply to you ASAP!
- Email: contact@simax3dp.com
- If you are interested in translating our documents into the language you are familiar with, please contact us and we will pay for this.
- Email: contact@simax3dp.com

Attention

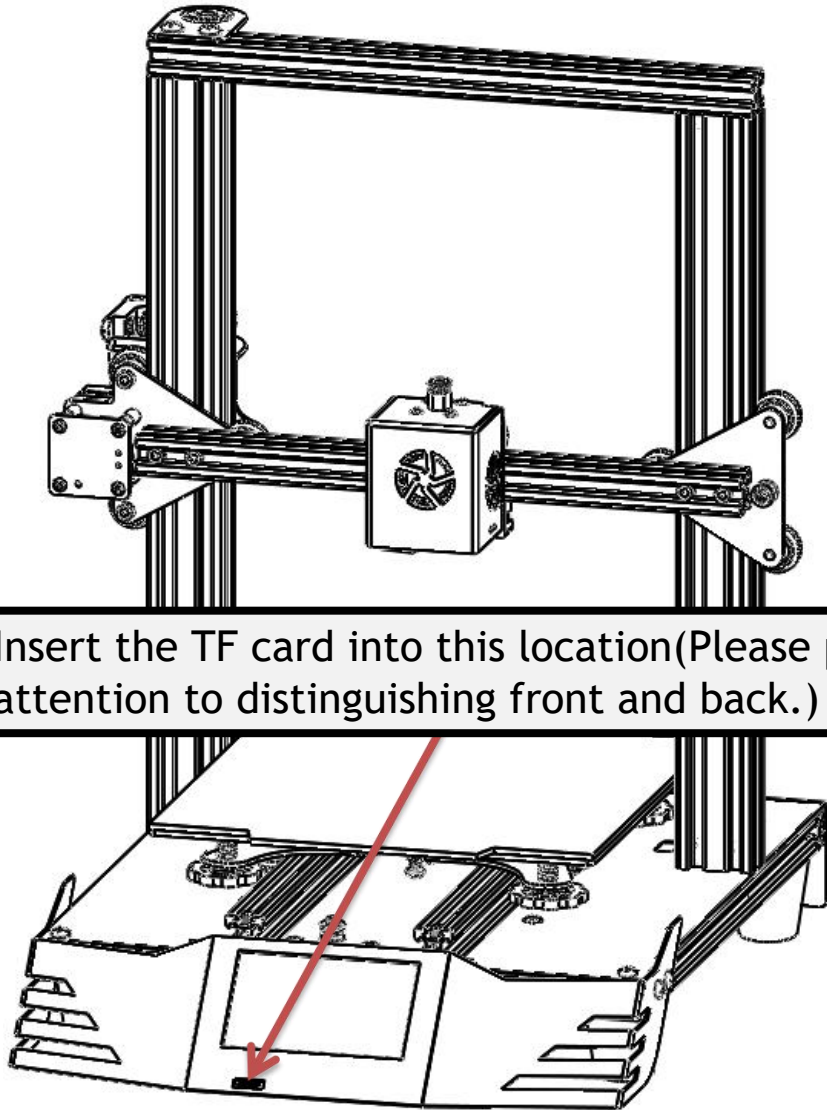
1. Please follow step by step; otherwise, the quality of installation may be somewhat affected.
2. Distinguish the type and length of the screws, if using wrongly, some type may be lack while other type may be surplus.
3. The machine should be placed on a worktable while installing so that the bottom of the machine could be flat.
4. Aluminum profile should be horizontal and vertical. And the connections between them should be tight.
5. Pay attention to the direction of each parts, DO NOT REVERSE.
6. Thoroughly check below points after installation:
 - (1) if the screws fully tightened or not;
 - (2) if the bottom of the machine is flat or not;
 - (3) if the orbital motion of X/Y/Z-axis is smooth or not.
 - (4) if the plug is loose or not.

Step 1: Power on



The power socket is on the back of the machine. Plug in the power cord and turn on the switch.

Step 2: Insert SD card



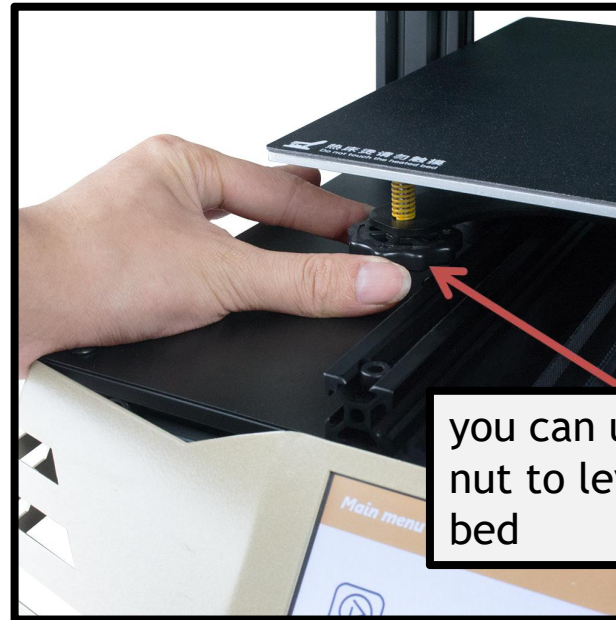
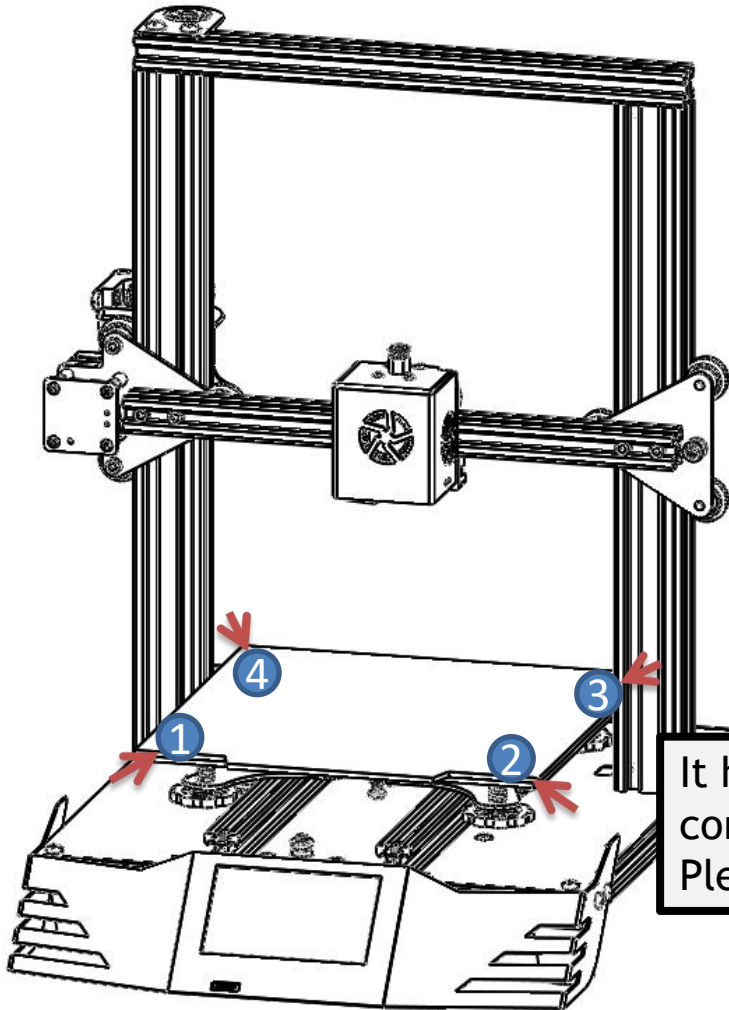
Insert the TF card into this location(Please pay attention to distinguishing front and back.)



SIMAX3D

Step 3-1: Leveling the bed

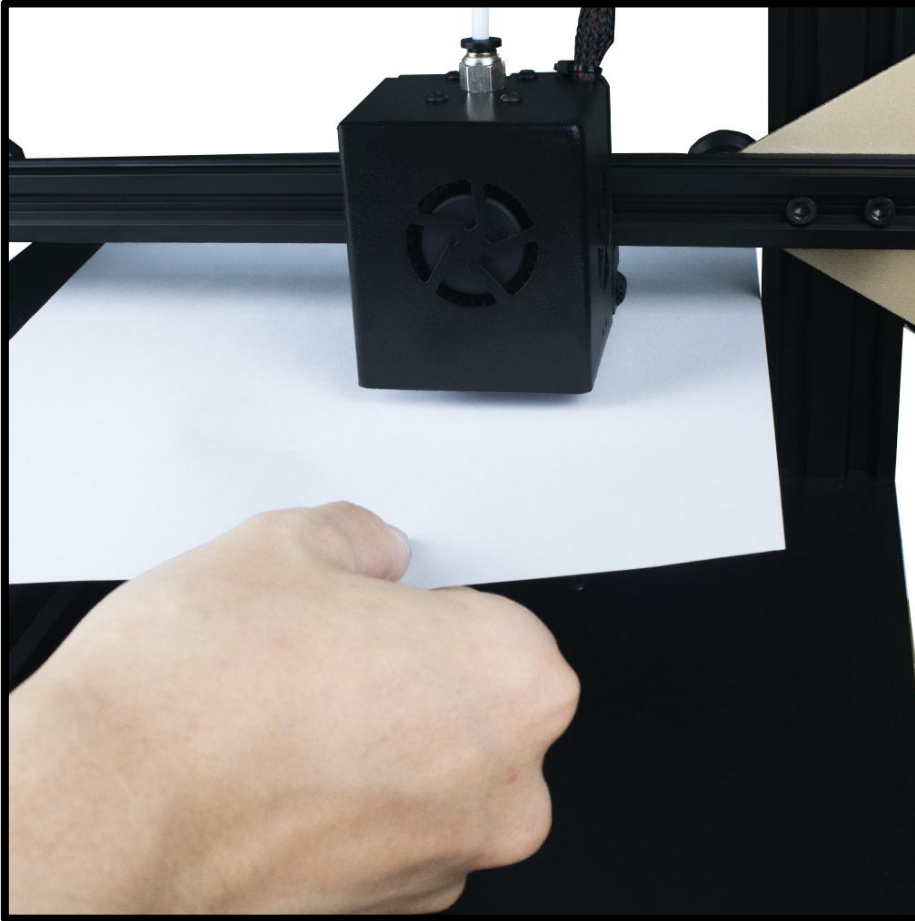
when you use the printer first or you not use it some time, please leveling the bed



you can use the hand nut to leveling the bed

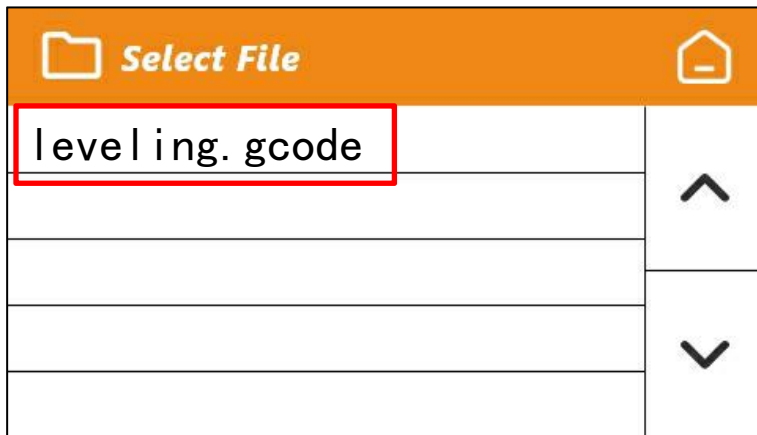
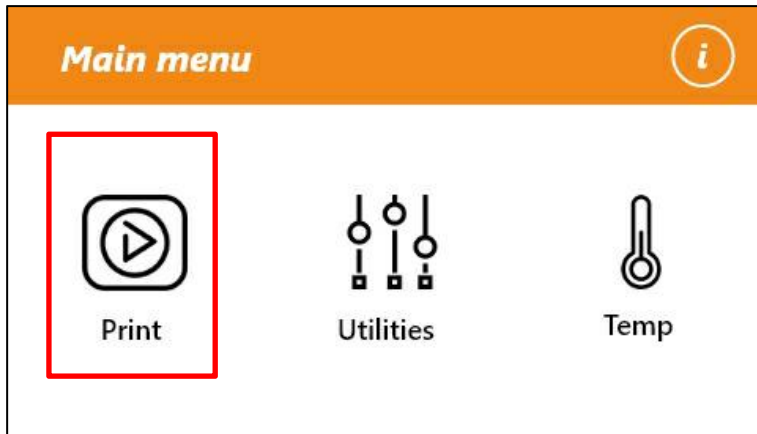
It has four hand screw nut at the four corners of the printer.
Please leveling it in order of 1, 2, 3, 4.

Step 3-2: Leveling the bed



Please place an A4 paper between the nozzle and the bed, then turn the hand screw nut to adjust the tightening. When you can pull A4 paper, and it has slight resistance, this is perfect, you can leveling next point.

Step 3-3: Leveling the bed



We made a "leveling.gcode" to assist in leveling. You can click "Print", Then click "leveling.gcode" to start printing. When it starts printing, it goes to the first point, you can leveling it.

Step 3-4: Leveling the bed



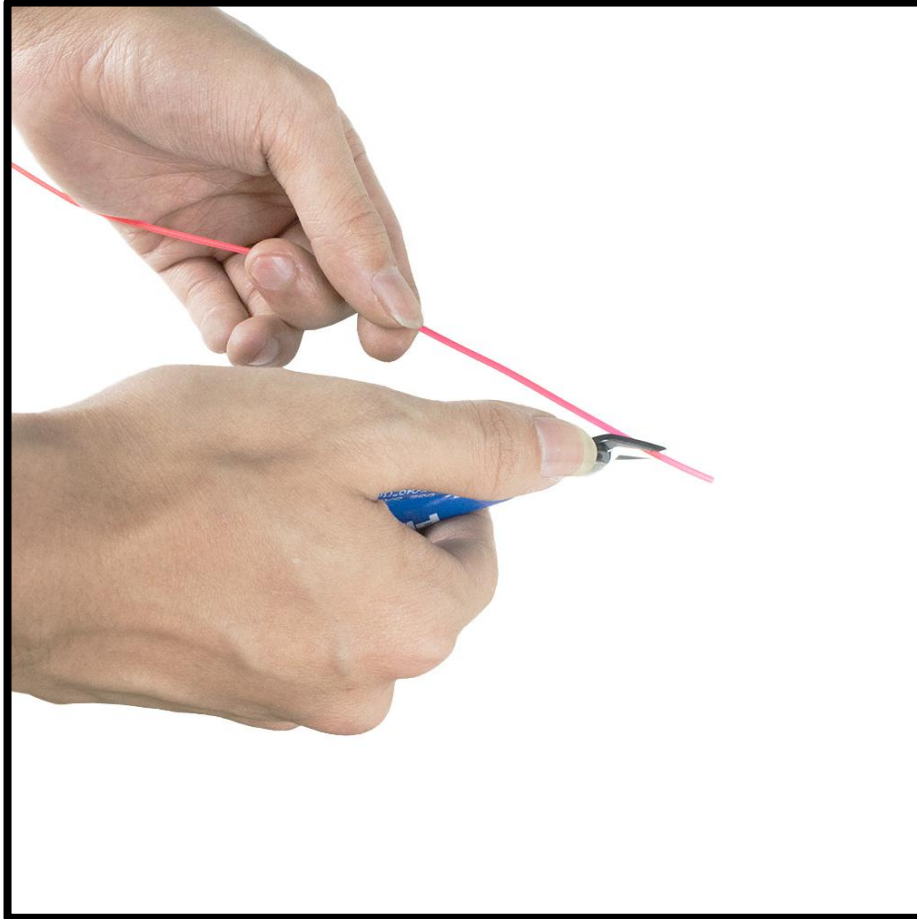
The screenshot shows a control panel for a 3D printer. At the top, an orange header displays a document icon and the text "Printing Filename". Below this, there are several status indicators:

- Two fan speed controls, both set to 0, labeled "Fan0 Speed" and "Fan1 Speed".
- Temperature controls showing "27 | 0" for "Bed Temp" and "27 | 0" for "Extr. Temp".
- A timer showing "0:0:40" with the text "Already Used" below it.
- A progress bar showing 25% completion.

At the bottom, there is a row of four orange buttons: "Resume" (with a left-pointing arrow icon), "Pause" (with a vertical bar icon), "Stop" (with a square icon), and "Tune" (with a gear icon). The "Resume" button is highlighted with a red border.

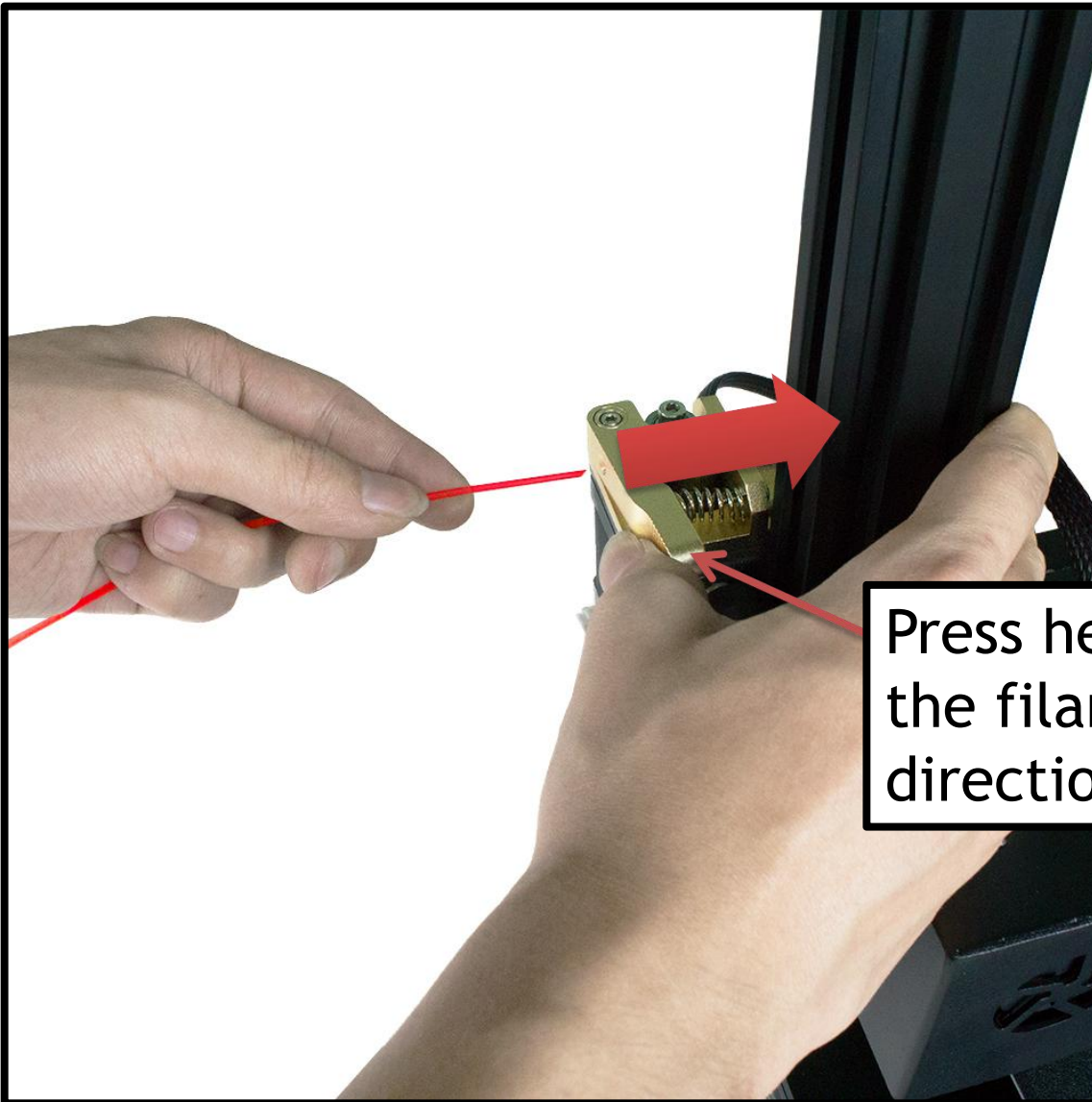
When you have leveled a point, you can click "continue", it will go to the next point, you can level it. Repeat this step until leveling is complete.

Step 4-1: Load filament



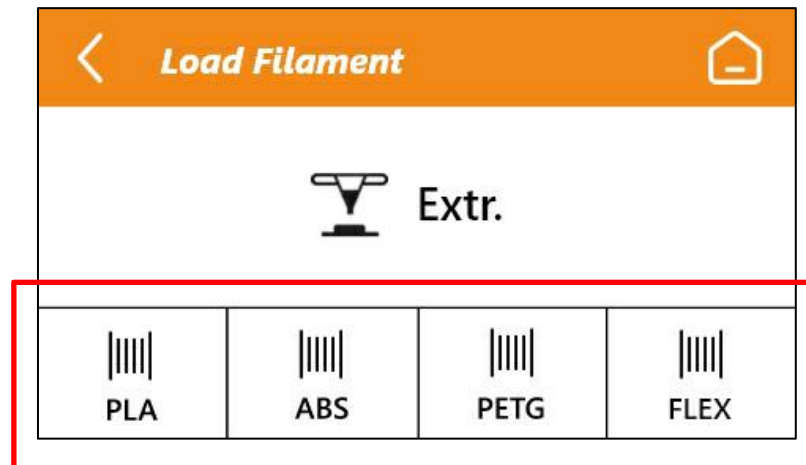
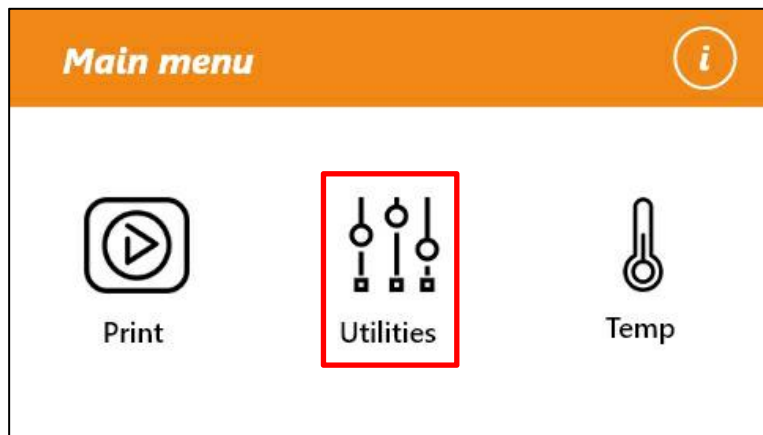
In order to load the filament better, please cut the filament at an oblique angle

Step 4-2: Load filament



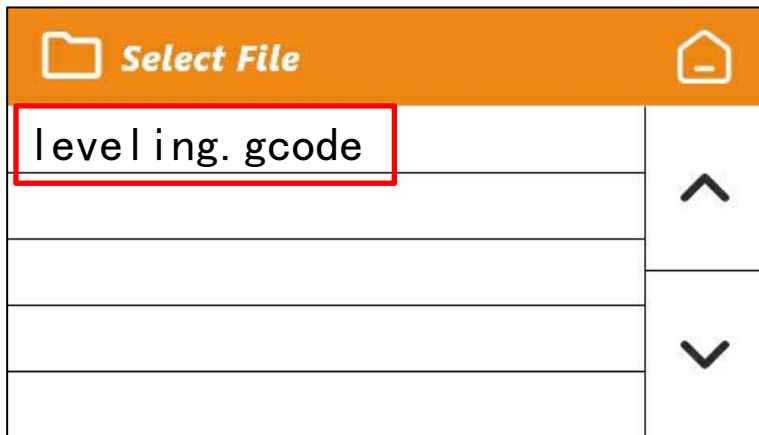
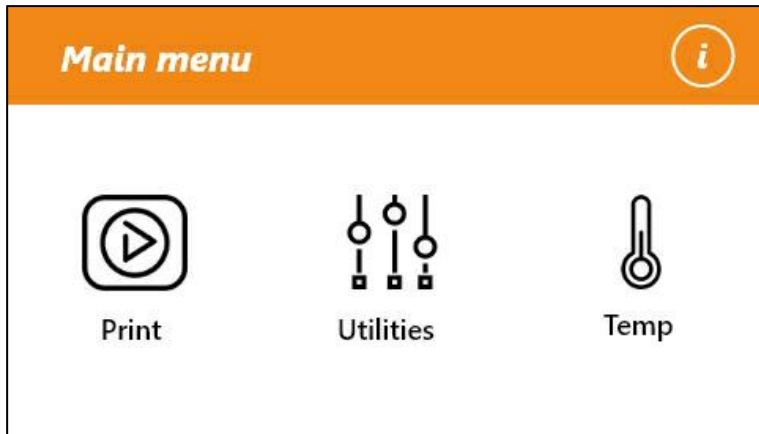
Press here, then insert the filament in the direction of the arrow

Step 4-3: Load filament



Click "Utilities", "Filament", "Load Filament" in turn.
Then select the corresponding option according to your filament

Step 5: Print your model



Similar to what we did in leveling, you can click Print, and then click the file you want to print to start printing.
If you want to know how to slice, please refer to "How to slice by Cura"



Congratulations

Now I think you already know how to use your 3D printer.

Enjoy it.

If you have any problems with the Quick Start Guide, please feel free to contact us, we will reply to you ASAP!

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