i-fast

This guide only applies to i-fast 3D printer

CONTENTS

About Hardware

About Software

i-fast

Caution

1. Do not remove the wrapping around the nozzle.

2. Please take down the top cover and open the front door, keep air flow for getting better printing quality.

Warning

1. High Temperature! The extruder and build bed generates high temperature during the printing. Please do not reach inside of the printer during operation. After printing finished,wait for model to cool down before remove them from the magnetic bed sticker.

2. Loose clothes, jewelry and long hair can be caught in moving parts. Please keep away from them.

Slicer

The electronic version of user manual is in the USB flash drive that came with printer.

Power supply setting

STOP-READ FIRST

⚠️ **Caution**

⚠️ We have switched to the correct voltage if you are in those countries or regions below:
1. USA/Canada/Japan 115V   2. Europe 230V

⚠️ There are two power sources at the bottom of the machine. Please adjust both power sources.

MAIN POWER

HOT BED POWER

⚠️ If other countries, please observe the voltage then decide whether you need to switch or not.Please contact our technical support if you have any questions.

⚠️ Failure to set the power supply setting correctly will damage the 3D printer electronics.

Customer Service Support:

Thank you for purchasing our QIDI Technology 3d printer.

If you are experiencing any problems with the printer,please feel free to contact us!

We will reply to you within **12 hours.**

If not,our company will offer you 2 nozzle and 2 pieces of blue platform sticker for free as compensation.

Contact:

E-mail: Afast@qd3dprinter.com
         Bfast@qd3dprinter.com
Skype ID : afast@qd3dprinter.com

If you have any suggestion or complaints,please contact with this **E-mail address:**
CEO:Diqiang Xue (Reply within 24 hours.)
E-mail:616038502@qq.com

Thank you and regards,
QiDi Technology Co.,Ltd.

Due to the time difference, if we could not reply in time, please understand!

Kit Contents

3D Printer×1

Acrylic Cover ×1

Power Cable×1

Screw Driver×3

User Guide×1

USB Pen Drive ×1

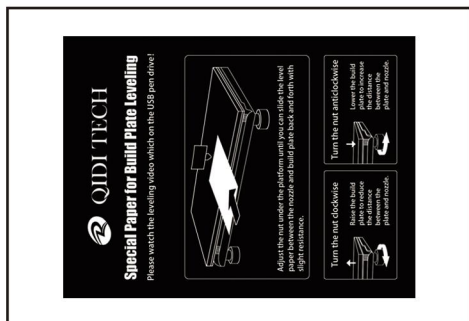（Please read the Guide before you start to use the 3D printer.）

4

Kit Contents

Filament Holder＆Gasket

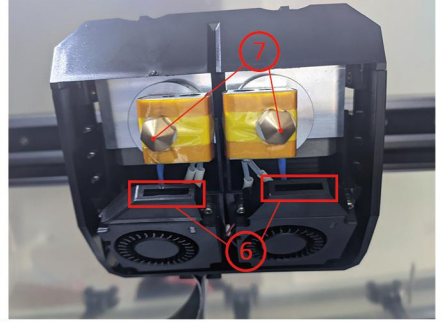Spare Part Box ×1
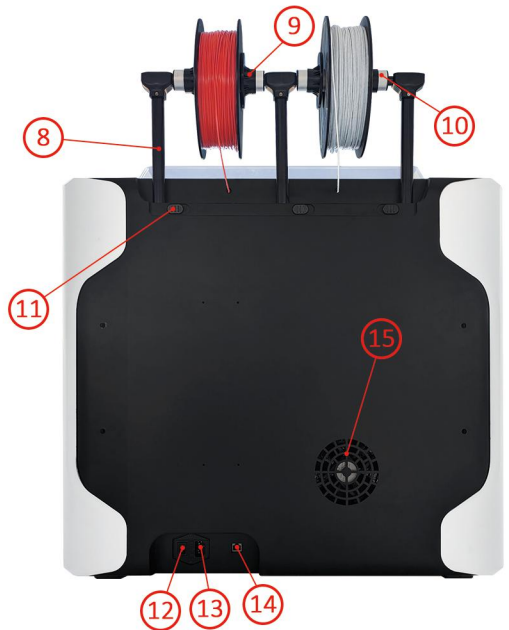

Filament×1

Leveling Paper×1

Lan Cable ×1

Getting To Know Your 3D Printer

Extruder

1. Switch
2. Display screen
3. Magnetic bed sticker
4. Build platform
5. USB port
6. Air outlet（2）
7. Nozzle（2）
8. Pull rod
9. Filament wheel
10. Filament holder
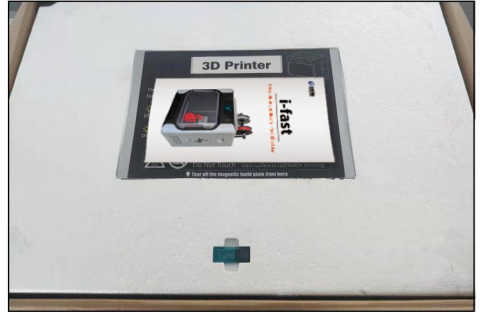11. Pull rod lock
12. Power switch
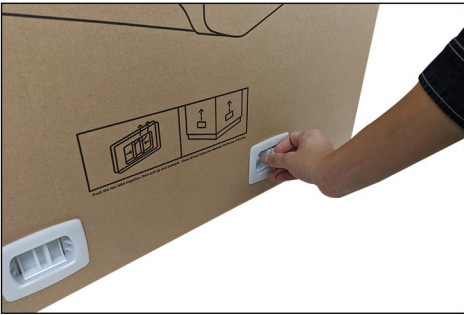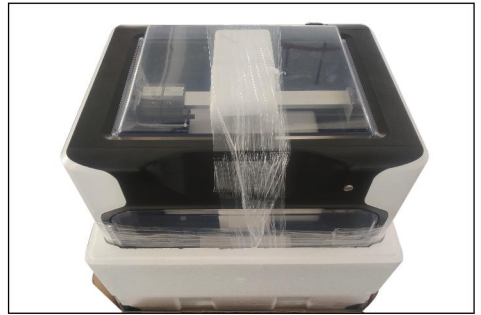13. Power cord port
14. Network port
15. Air filter

1. Place the box on the floor with a clean flat surface.Open the box.

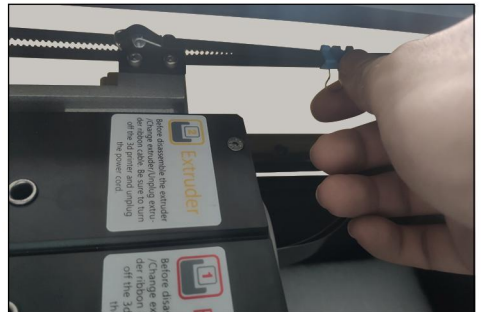2. Move out the foam, take out the accessories.

3. Open and remove the locks in four directions.

4. Take out the printer.

5. Get the parts out.

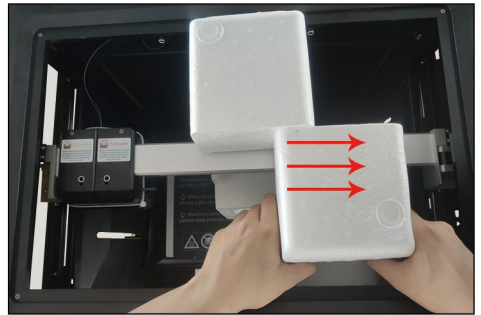6. Remove the clamp on the left Y-axis belt.

7. Remove the clamp on the right Y-axis belt.

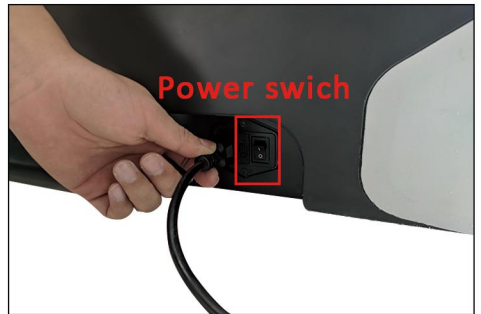8. Cut the extruder fixing tie.
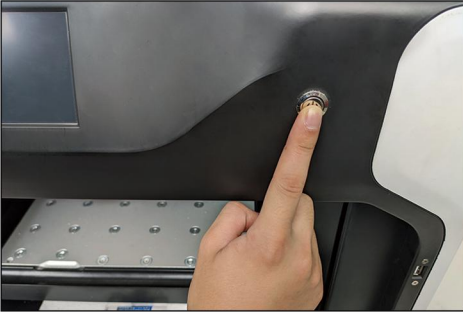

9. Open the door and remove the cotton block.

10. Move out the foam as direction of arrows.

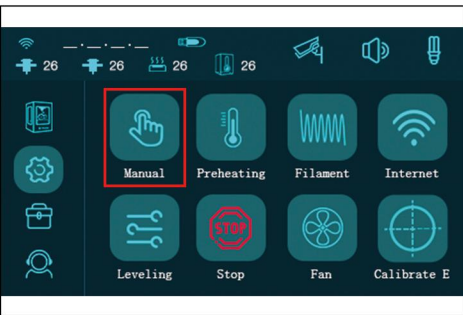11. Move extruder to the front side and take out the foam.

12. Plug in the power cord at the back of the 3d printer's lower left corner, then turn on the power.
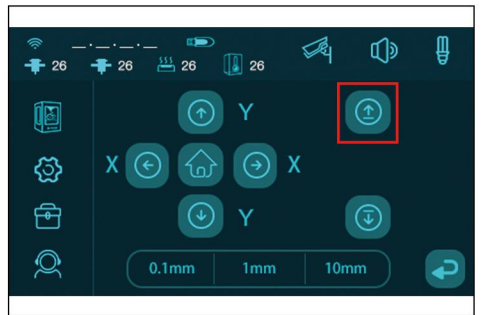
8

13. Click the button to turn on the 3d printer.
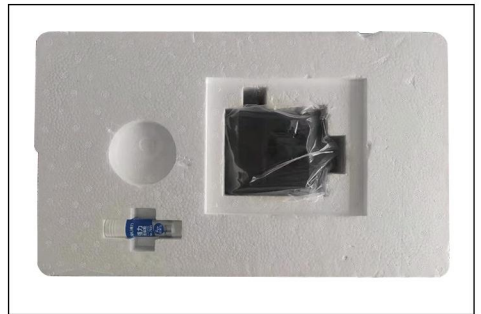

14. Click the " ⚙ " icon .

15. Click the "Manuall" icon .
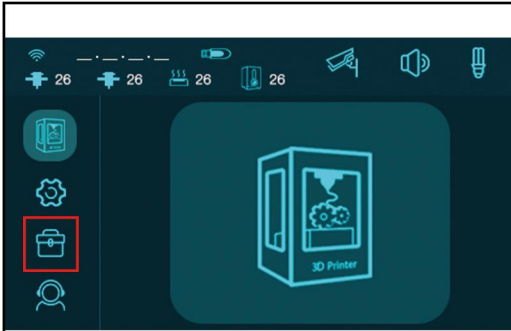

16. Click the " ⬆ " icon .

17. When build platform up to the middle, take out the foam from the bottom of build bed.

18. Take out the glue stick and single extruder drive from the foam.

19. Congratulations! You've finished the unpacking process. (Tip: Save your printer packaging for future transportation and storage.)

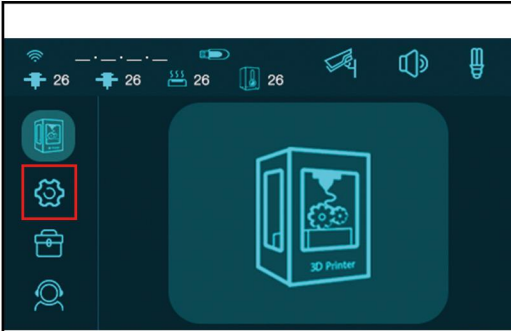# Display screen operator interface

a. Click " 🧰 " icon.
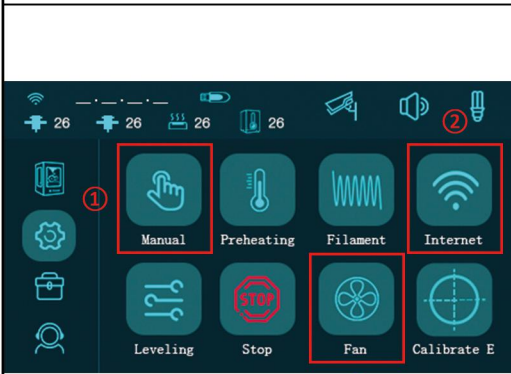
① USB Flash Drive Status : USB flash drive status is inserted or removed.
② Camera : The camera can be turned on / turned off.
③ Sound : The sounds can be adjusted.
④ LED Light : The LED light can be turned on / turned off.
⑤ Language : Multiple languages are available.

Info   About   Language

TPAdjust   Factory   Head change

10

b. Click " ⚙ " icon.

① Manual: User can move the X,Y,Z axis separately, click the "house" icon which on the center, the axis will move to home position.

② Internet: Click on this Icon,the network and Wi-Fi setting can be opened.

Start operation ✓

IP "0. 0. 0. 0"

"3dprinter-287B4C"

" "

③ Click the icons to check if the four fans work properly.

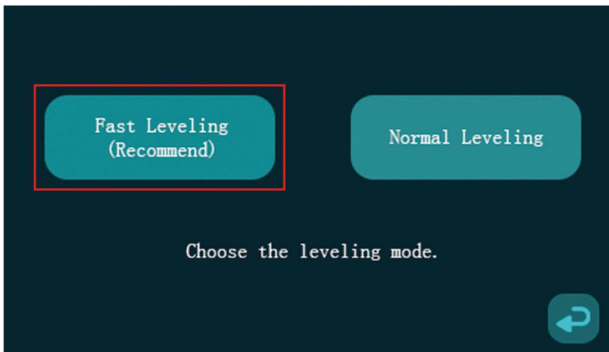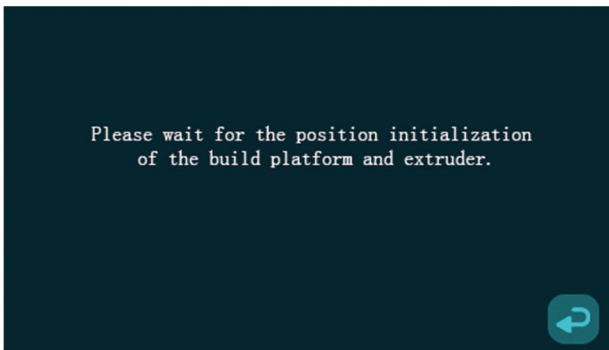|		(%):	
Turbine 1		(%):	0
Turbine 2		(%):	0
Air Circulation		(%):	0
Build Volume		(%):	0
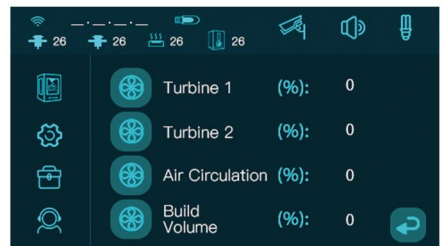
Adjust the build platform

Step 1: Select " ⚙ " first, then select "Leveling" on the screen.

Step 2: Highly recommend to click the fast leveling at the first time.

Fast Leveling
(Recommend)

Normal Leveling

Choose the leveling mode.

Step 3: Awaiting the extruder and Z-axis to reset.

Please wait for the position initialization
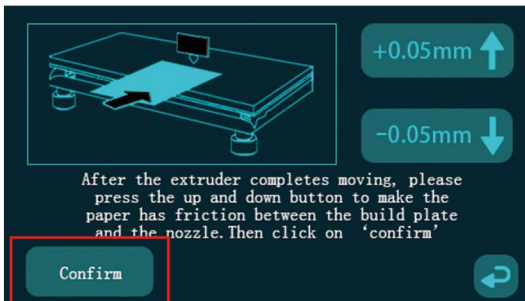of the build platform and extruder.

Adjust the build platform

Step 4: Please press the up and down button to adjust the distance between the extruder and build plate.
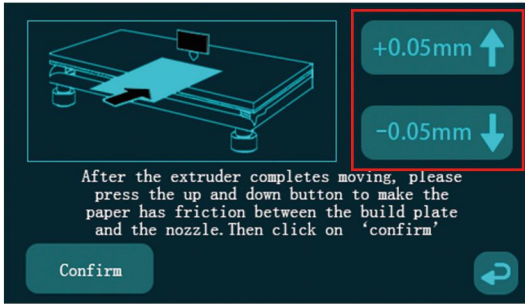
Step 5: Click "Confirm".

Caution : The printing platform should be about 1mm above the platform base plate when leveling.
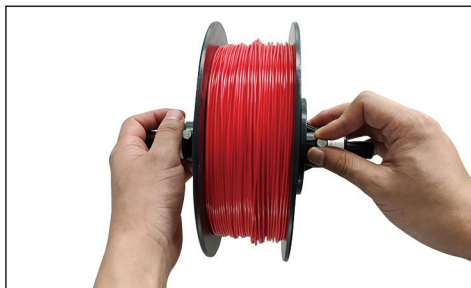
Filament Installation

1. Pull up the rod.

2. Put in the filament and filament wheel.

3. Lock the screws on both sides when the filament wheel is in place.
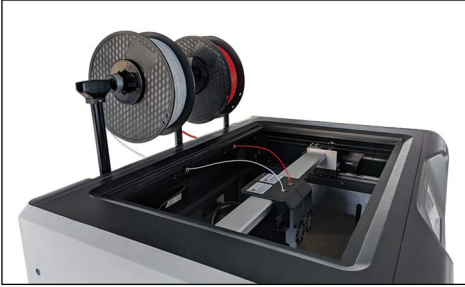
4. Insert the filament into the filament guide.

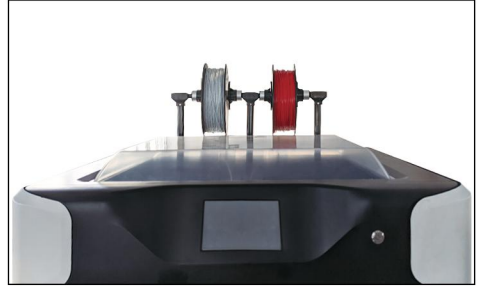5. Please check whether the Teflon tube is inserted.

6. insert the filament into the extruder.

14

Filament Installation

7. The installation is completed as shown in the picture.

8. Put the top cover, complete the installation.

If need to close the pull rod, push the spring button opposite direction firstly, then push down the pull rod.

Attentions : To aviod the filament bounce off during the printing, the filament should pass through the filament tube when printing the PLA and ABS.It doesn't needs pass through the filament tube while printing the TPU filament. Please refer to the file number 5 in the USB flash drive.

1.Start-Up Guide
2.Slicer software
3.Test file
4.Leveling
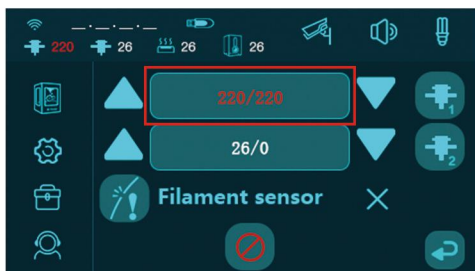5.The step of pass through the filament
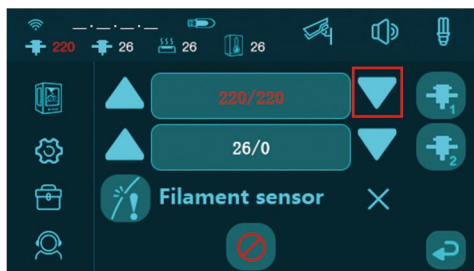6.Extruder calibration

15

Loading Filament

1. Click " ⚙ " icon.
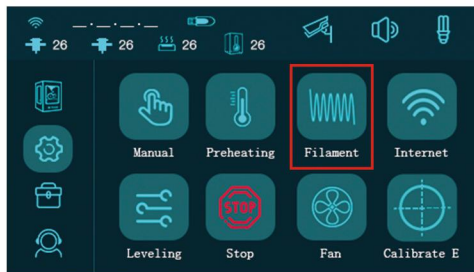
2. Click "Filament" icon.

3. Click on the number and when the colour changes to red, it shows the temperature is rising.

4. When the temperature reaches to 220℃, click " ▼ " icon.

5. Press down slowly on the filament, while waiting for the filament to flow out of the extruder.

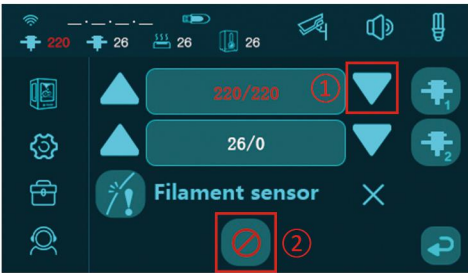**6.** In the same way, repeat steps 3-5 to insert the filament into extruder 2.

16

Unload the filament

When the user is exchanging the filament, the user needs to use the unload function as described below:

1. Click " ⚙ " icon.

2. Click "Filament" icon.

3. Wait for the temperature to reach 220℃, and then click the down icon ①. When the filament starts to come out from the extruder click on the stop icon ②.

4. Click the up icon ③ and the filament will start to unload, pull the filament out as fast as possible.

5. In the same way, repeat steps 3-4 to discharge filament.
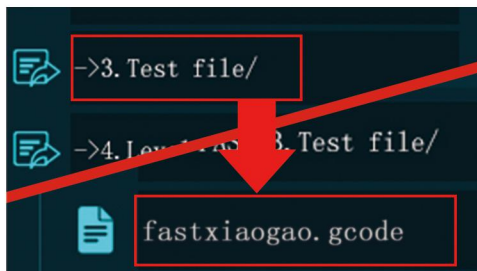
⚠ Attention : Please follow the instructions above. First load the filament, then unload the filament. You must follow the correct operation to exchange the filament.
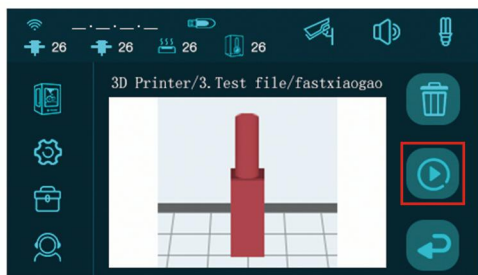
17

First printing

After finished leveling the build platform and loaded the filament, the user can print the test file "fastxiaogao.gcode".
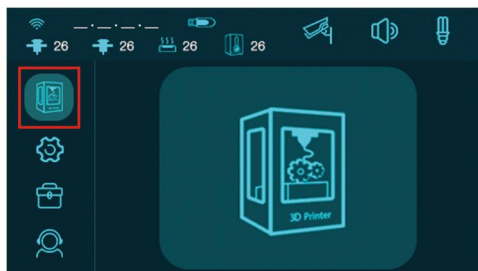
1. Click " " icon.

2. Find the "fastxiaogao.gcode" file and click on it to enter into the print screen.
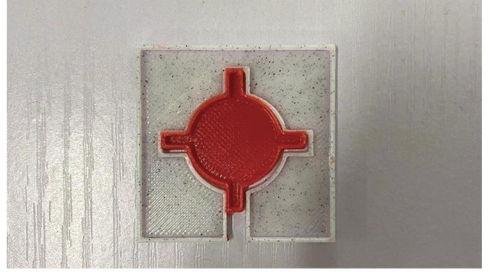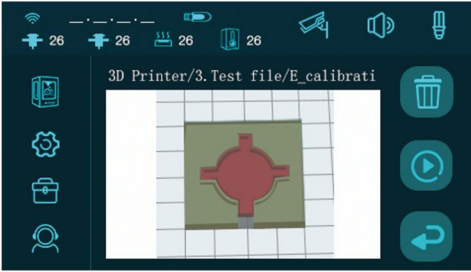

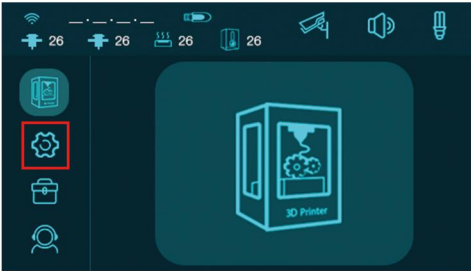**3.** Click the icon, start to print.

4. In the pop-up interface, user can see the progress.
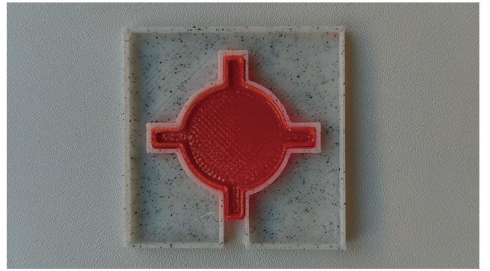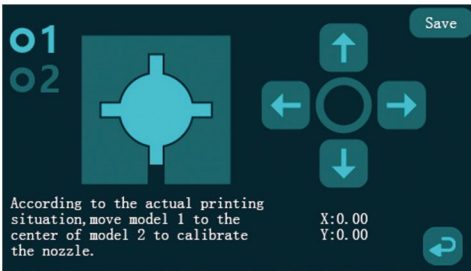
Double extruder calibration

1. Print E_calibration.gcode.

2. There is an offset between the two models and the extruder needs to be calibrated.

3. Click " ⚙ " icon.

4. Click "Calibrate E" icon.

According to the actual printing situation,move model 1 to the center of model 2 to calibrate the nozzle.

X:0.00
Y:0.00

5. According to the actual printing situation,move model 1 to the center of model 2 to calibrate the nozzle.

6. After calibration,print E_calibration.gcode again.And the model 1 is in the center of the model 2,calibration is complete.If there still is an offset,repeat steps 5 to fine tune it.