

# ***i-mate s***

This guide only applies to i-mate s 3D printer



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# ***i-mate s***

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## **Caution**

1. Do not remove the yellow tap warpping around the nozzle.
2. Please remove the top cover,side panels and open the front door,in order to keep air flowing to get a better printing quality,except ABS printing.

## **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 removing them from the magnetic build plate.
2. Loose clothes, jewelry and long hair can be caught in moving parts. Please keep away from them.


## **Slicer**

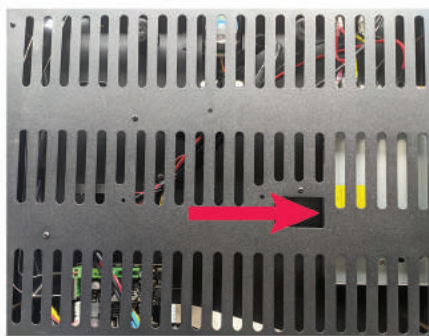
The electronic version of user manual is in the USB flash drive that came with printer.

# 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



-  If other countries, please observe the voltage then decide whether you need to switch or not. Please contact our technical support if you met 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 nozzles and 2 pieces of blue platform sticker for free as compensation.

## Contact:

E-mail: [mateb@qd3dprinter.com](mailto:mateb@qd3dprinter.com)

[matec@qd3dprinter.com](mailto:matec@qd3dprinter.com)

Skype: [vivi19871987](https://www.skype.com/people/vivi19871987)

If you have any suggestions or complaints, please contact with this **E-mail address:**

CEO: Diqiang Xue (Reply within 24 hours.)

E-mail: [616038502@qq.com](mailto:616038502@qq.com)

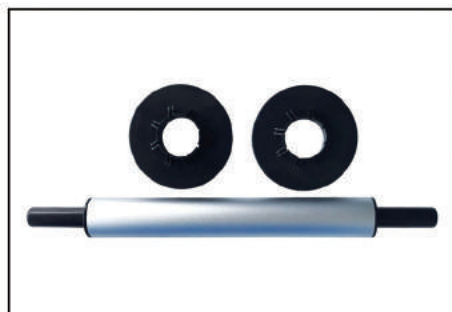
Thank you and regards,  
QiDi Technology Co., Ltd.

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

# Kit Contents



3D Printer×1



Filament Holder & Gasket



Power cord×1



Screw Driver×1



User Guidex1

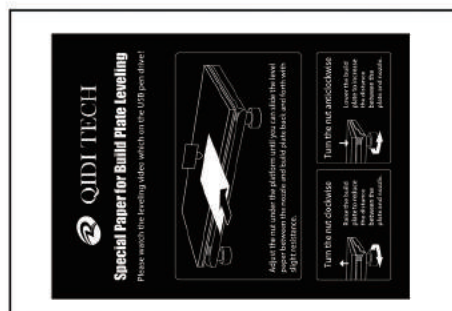


USB Pen Drive ×1

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



# Kit Contents



Leveling Paper x1



Spare Part x1



Top cover x1

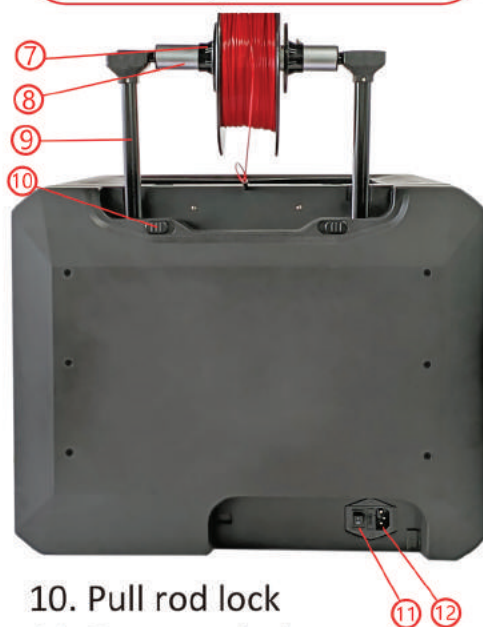
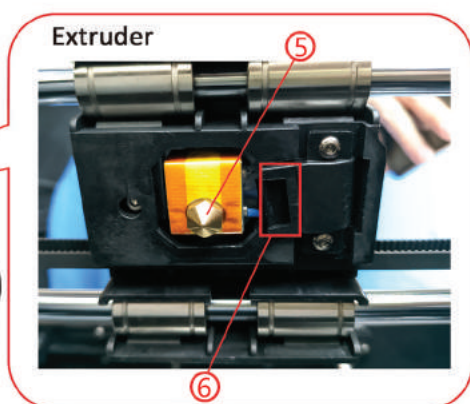


Side Panel x2

# Getting To Know Your 3D Printer



1. Touch screen
2. Magnetic build plate
3. Build platform
4. USB flash drive port



10. Pull rod lock
11. Power switch
12. Power cord port



# Unpacking



1. Place the box on the clean and flat floor. then open the box.



2. Take out the user manual and take out the foam.



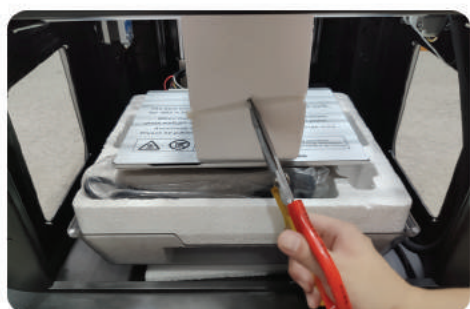
3. Please lift the printer out of the box with another person holding the other side of printer.



4. Remove the protective film on the outside of the machine.

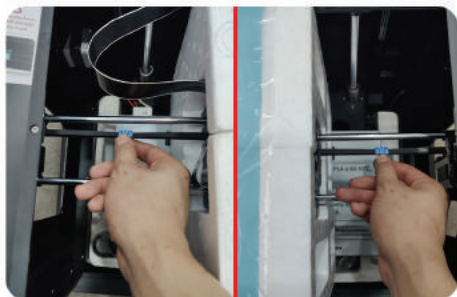


5. Cut off the packing tape on both sides of the Y axis.



6. Cut off the packing tape on the foam.

# Unpacking



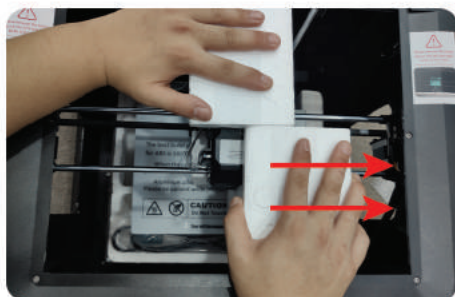
7. Remove the belt fixing clip of the X axis.



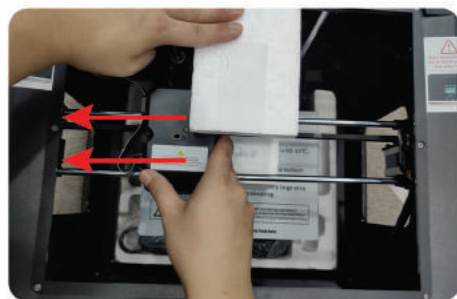
8. Remove the belt fixing clip of the right Y-axis.



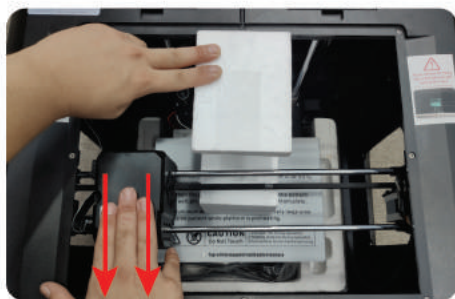
9. Remove the belt fixing clip of the left Y-axis.



10. Move and take out the foam as arrow direction showed in picture.



11. Move the extruder out to the left.



12. Move the extruder out to the front and take out the foam.

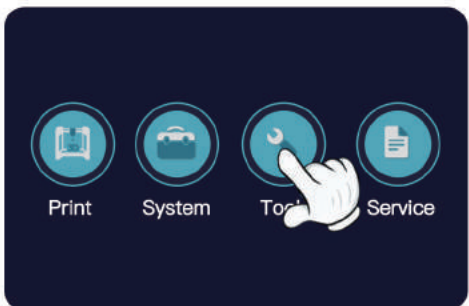
# Unpacking



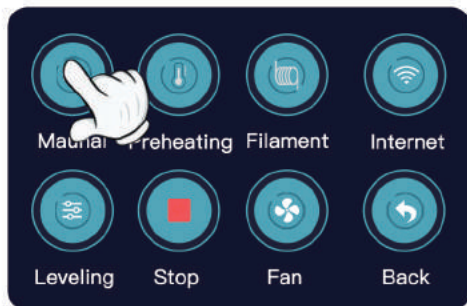
13. Open the front door of the machine and take out the power cord.



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



15. Click on "Tools".



16. Click on "Manual".



17. Click on Z up icon.



18. Take out the top cover and foam under the platform.



# Unpacking



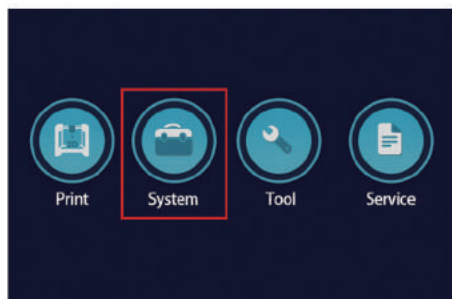
19. Accessories, including solid glue and U disk.



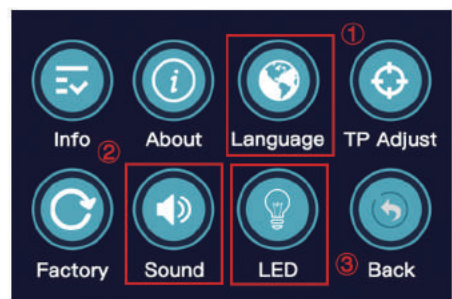
20. Take out the side panels at the bottom of the box.

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

## Display screen operation interface



a. Click “System” icon.

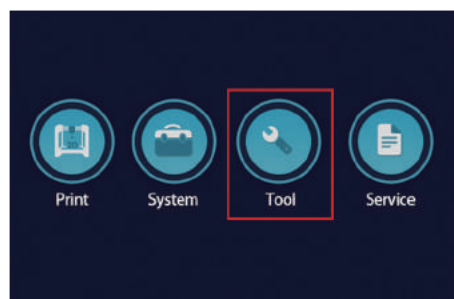


① Language: Multiple languages are available.

② Sound: The sounds can be adjusted.

③ LED Light: The LED light can be turned on / turned off.

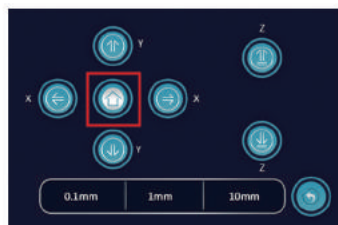
# Display screen operation interface



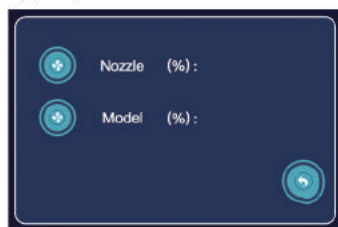
b. Click "Tool" icon.



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 Click the icon to check whether the model fan is working properly.



# Adjusting the build platform

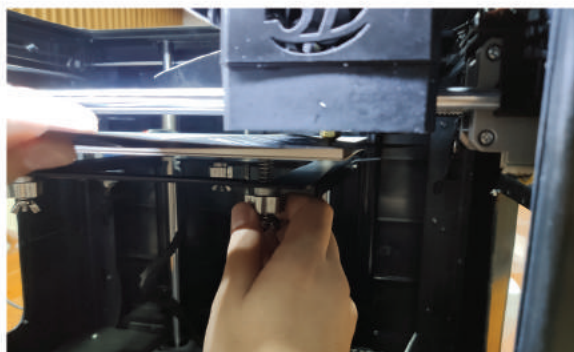
Step 1: Select “Tool” first, then select “Leveling” on the screen.



Step 2: Await the extruder move to left front corner of the build printer, and use the black leveling paper to adjust the distance between the nozzle and build plate.



Step 3: Await the extruder move to right front corner of the build printer, and use the black leveling paper to adjust the distance between the nozzle and build plate.



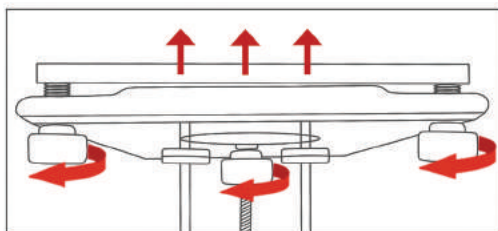


# Adjusting the build platform

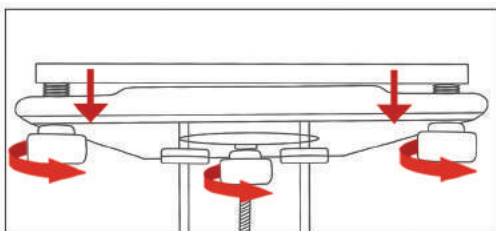
Step 4: Await the extruder move to back center of the build plate, and use the black leveling paper to adjust the distance between the nozzle and build plate.



**NOTE:**The distance shall be similar to the thickness of the leveling paper. Before the first printing, please level the build platform for several times to ensure the build platform has been leveled well.



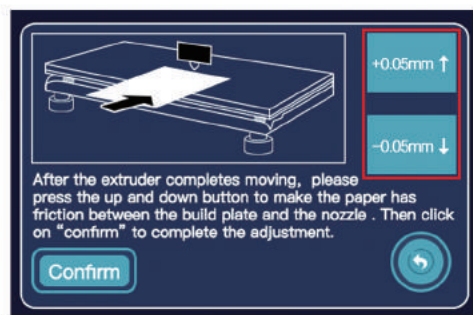
**Turn the knob clockwise**  
Raise the build plate to reduce the distance between the nozzle and build plate.



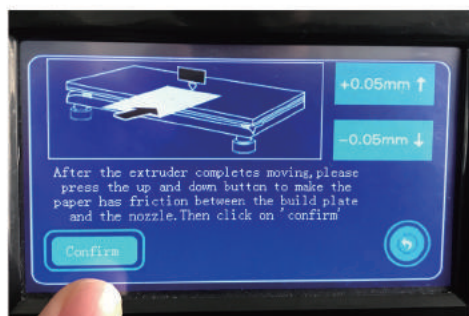
**Turn the knob anticlockwise**  
Lower the build plate to increase the distance between the nozzle and build plate.

# Adjusting the build platform

Step 5: Please press the up and down button to adjust the distance between the nozzle and build plate.



Step 6 : Press the confirm button to finish leveling process.



## Caution:

The best printing distance between the nozzle and build plate is you can feel the friction when you move the leveling paper between the nozzle and build plate.

# Filament Installation:

If you are using a new filament, you can install and print according to the following instructions:



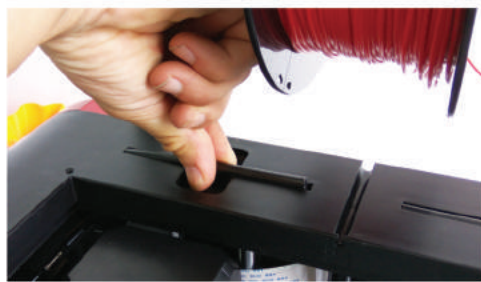
1. Pull up the rod.



2. Make the roll of filament through the spool holder.



3. Tighten the retaining screw of the retainer ring



4. Take out the filament guide.



5. Insert the filament guide tube the 3d printer.

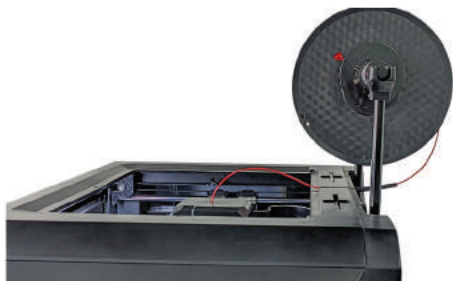


6. Insert the filament into the filament guide tube.

# Filament Installation:



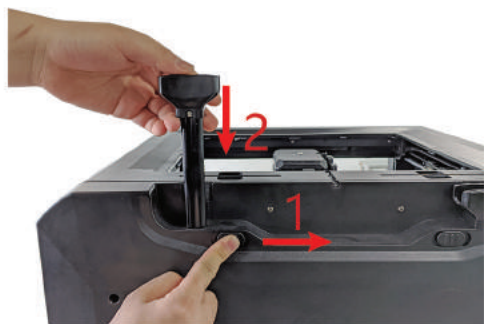
7. Depress the filament into the extruder.



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



9. Install the top cover and side windows.



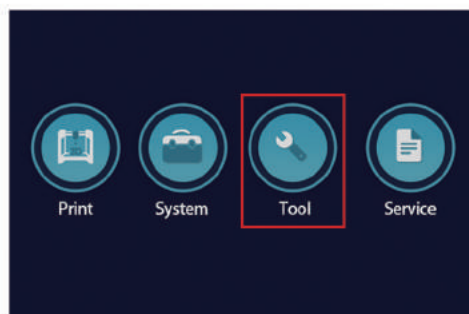
If need to close the pull rod, push the spring button opposite direction firstly, then push down the pull rod.

**Attentions :** To avoid the filament bouncing off during the printing, the filament should pass through the filament tube when printing the PLA and ABS. It doesn't need to pass through the filament tube while printing the TPU filament. Please refer to the file located in the No.7 folder of USB flash drive.

1.i-mateS 3D Printer Start-Up Guide	2020/12/22 20:04
2.3D slicer software	2020/12/22 10:52
3.Test file	2020/12/22 11:25
4.Plate Leveling	2020/12/22 10:53
5.The solution videos of common iss...	2020/12/22 10:53
6.The video of how to use and clean ...	2020/12/22 10:53
7.The steps of pass through the filam...	2020/12/22 10:53
8.Wifi print	2020/12/22 10:53
9.Breakpoint printing video	2020/12/22 10:53
10.i-mate printer profile for Simplify ...	2020/12/22 10:53
11.Replace the 0.2MM nozzle	2020/12/22 10:54



# Loading Filament



1. Click “Tool” icon.




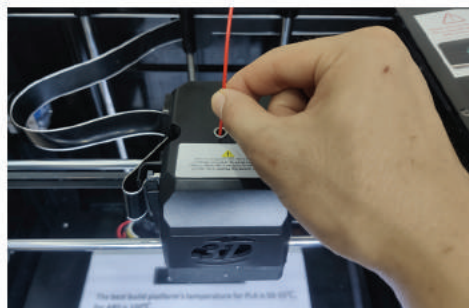
3. Click on the number and when the colour changes to red, it shows that temperature is rising .



2. Click “filament” icon.



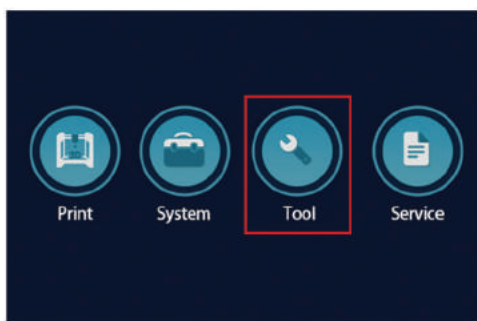
4. When the temperature reaches to 220 degrees celsius,click  icon.



5. Pressing filament slowly through the extruder, while waiting for the filament to flow out of the extruder.

# Unloading the filament

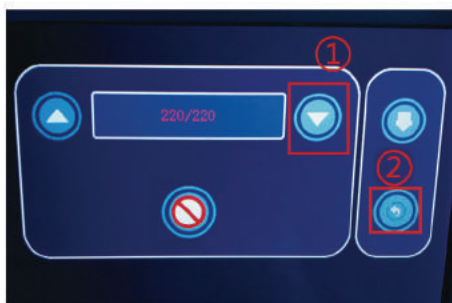
When the user is exchanging the filament, the user needs to use the unloading function as described below:



1. Click "Tool" icon.



2. Click "Filament" icon.



3. Waiting for the temperature to reach  $220^{\circ}\text{C}$ , and then click the down icon①. When the filament starts to come out from the extruder click on the return icon②.



4. Click "Stop" icon.



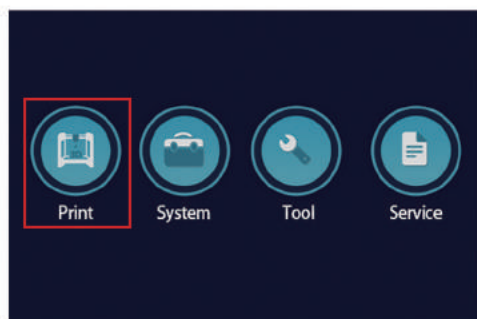
5. Hold down the filament buckle and slowly pull out the filament.

**⚠ Attention: Please follow the instructions above. Firstly, loading the filament, then unload the filament. You must follow the correct operation to exchange the filament.**

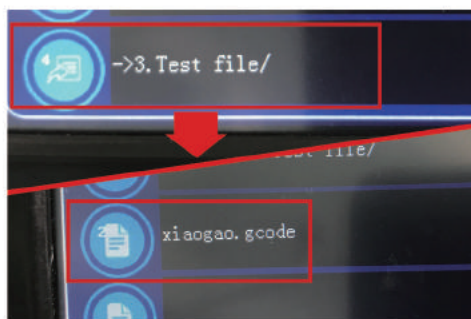


# First printing

After finished leveling the build platform and loading the filament, the user can print the test file “xiaogao. gcode” .



1. Click “Print” icon.



2. The user has to find the “xiaogao.gcode” file and click on it to enter into the printing screen.



3. Click the icon, start to print.



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

**Friendly Reminder :** When printing the large size model, the thermal barrier shrinkage of the model may cause the build plate to warp up, please use the clips.

