

X-maker

This guide only applies to X-maker 3D printer



X-maker

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



-  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: may@qd3dprinter.com

lisa@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×1



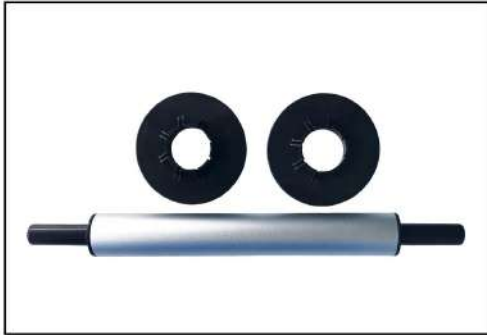
User Guidex1



USB Pen Drivex1

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

Kit Contents



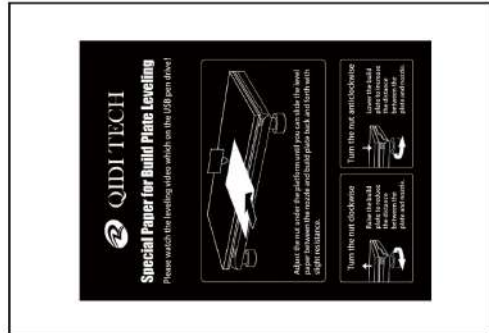
Filament Holder & Gasket



Spare Part Box ×1



Filament×1



Leveling Paper×1

Getting To Know Your 3D Printer



Unpacking



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. Firmly grasp the two side handles of X-smart 3D Printer. Lift it out from the carton and place it on a stable surface.



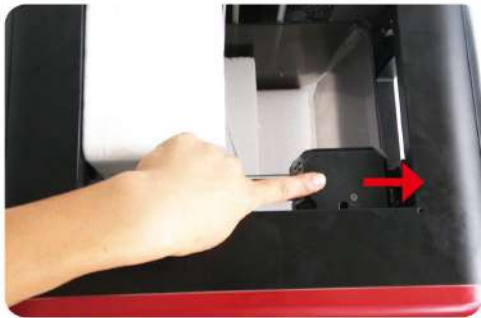
4. Remove the packing material.



5. Cut off the packing belt.



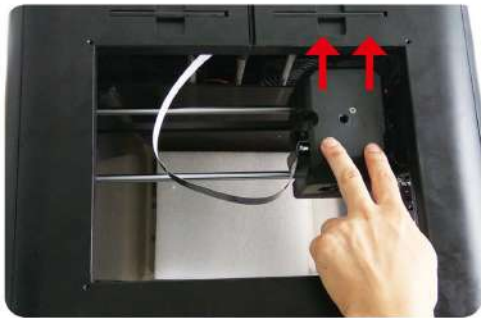
6. Pull up the foam buckle.



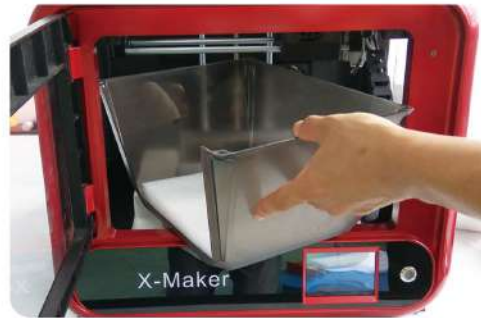
7. Move the extruder to the front corner.



8. Push the extruder cables out of the foam and take out the foam slowly. (Pay attention to: Do not pull the foam.)



9. Push the X-axis backwards.



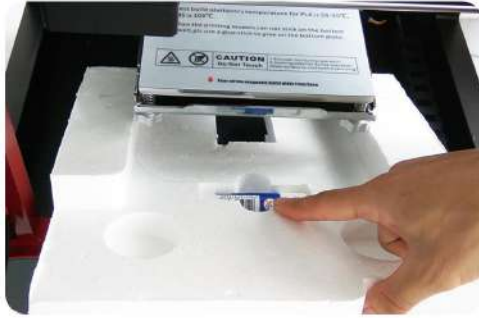
10. Take out the printer's cover.



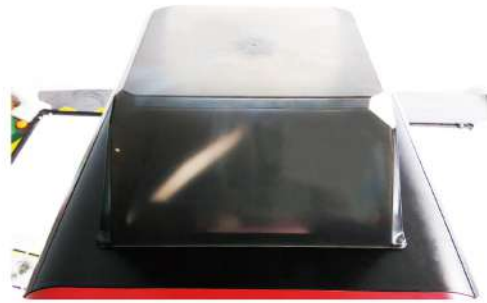
11. Left rotating the z axis screw to make the build platform higher than the foam.



12. Pull up the build plate slowly by hands.



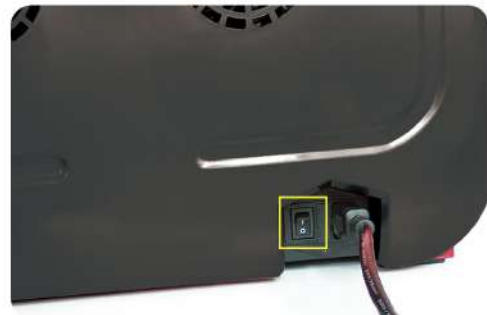
13. Take out the foam, the glue stick is in the center of the foam. In order to facilitate subsequent installation, please press the build platform down to a lower position slowly.



14. The top cover is removable, catch up the screws on the cover with the screws on the printer.



15. Install the magnetic side window.




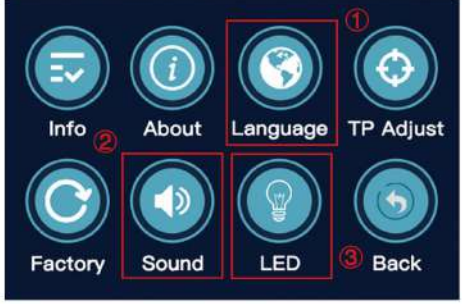
16. Plug in the power cable, then turn on the power switch.





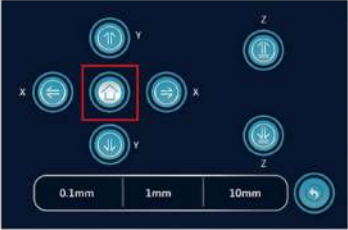


17. Press the power switch.

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

Display screen operator interface

 <p>Print System Tool Service</p>	<p>a. Click “System” icon.</p>
 <p>Info About Language TP Adjust Factory Sound LED Back</p>	<p>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.</p>

Display screen operator interface

	<p>b. Click” Tool” icon.</p>
	<p>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.</p> 
<p>② Internet: Click on this Icon,the network and Wi-Fi setting can be opened.</p> 	<p>③ Click the icons to check if the two fans work properly.</p> 

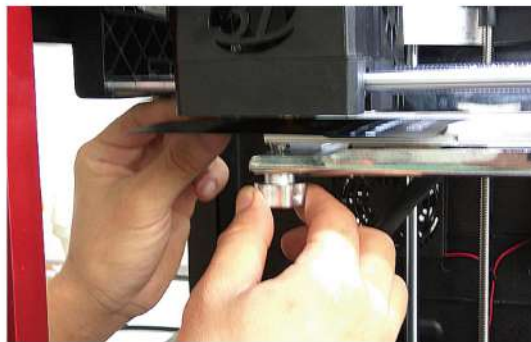
Adjust the build platform

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

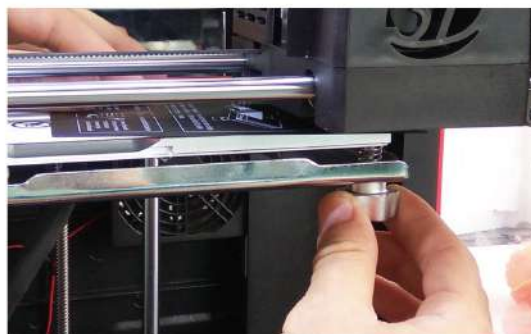


Press this icon after each adjustment

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

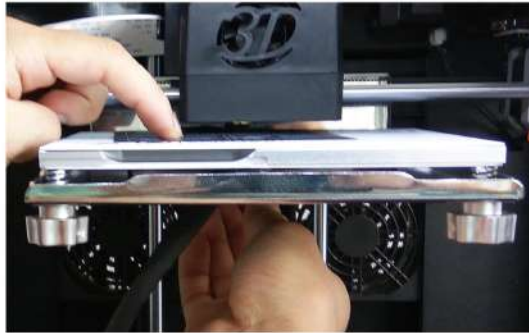


Step 3: Await the extruder move to right front corner of the build plate, and use the leveling paper to adjust the distance between the nozzle and build plate.



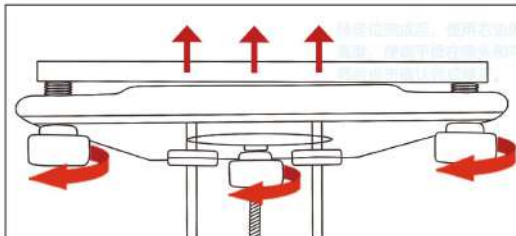
Adjust the build platform

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

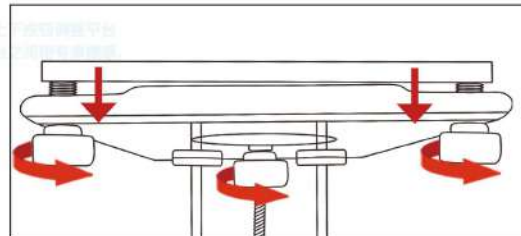


Caution:

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.



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.

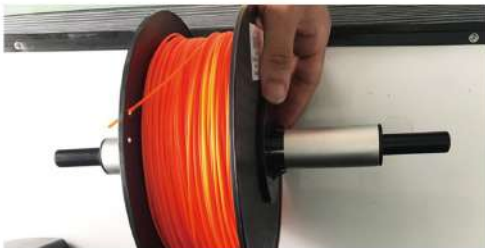
Filament Installation



1. Pull up the rod.



2. Open the clasp which on the rod.



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



4. Put the gasket left and right to fix the filament.



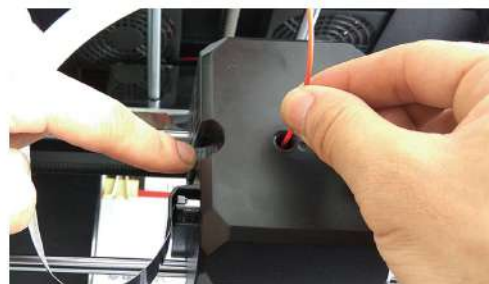
5. Take out the filament guide .



6. Insert the filament guide into the 3d printer.

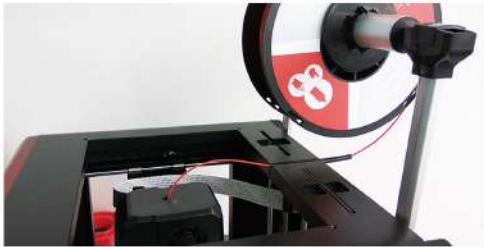


7. Insert the filament into the filament guide.



8. Press down the plastic part,insert the filament into the extruder.

Filament Installation



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



10. 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 avoid the filament bounce 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 number 7 in the USB flash drive.

- 1. X-maker 3D Printer Start-Up Guide
- 2. 3D Slicer
- 3. Test file
- 4. LAN print
- 5. Breakpoint printing video
- 6. The solution videos of common iss
- 7. The steps of pass through the filam

Loading Filament



1. Click "Tool" icon.




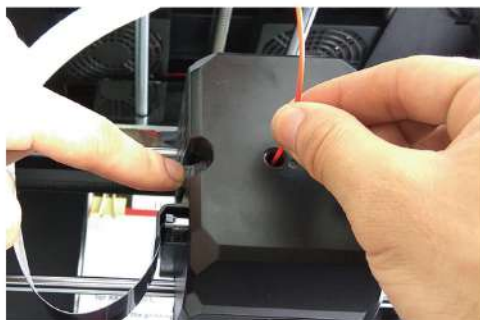
2. Click "filament" icon.



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.

Unload the filament

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



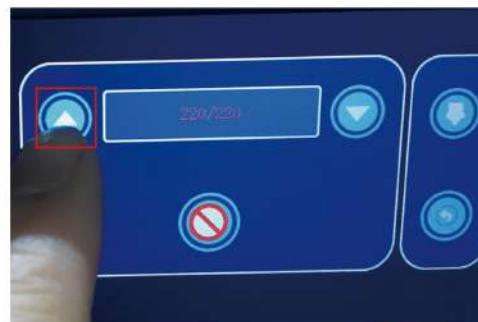
1. Click "Tool" icon.




2. Click "filament" icon.



3. Wait for the temperature to reach 220°C, 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 on the Up icon  and the filament will start to unload, pull the filament out as fast as possible.

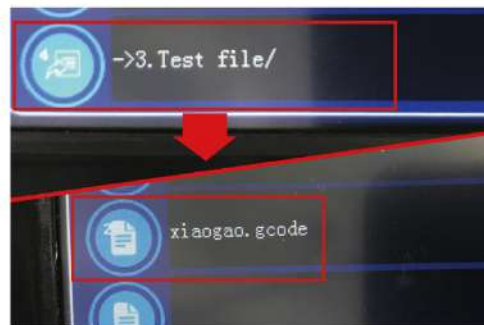
⚠ Attention : Please follow the instructions above. First load the filament, then unload the filament. You must follow the correct operation to exchange the filament.

First printing

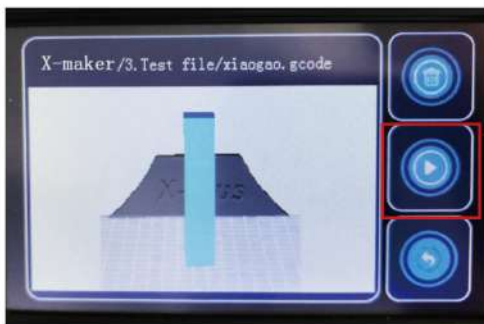
After finished leveling the build platform and loaded the filament, the user can print the test file “xiaogao.gcode” .



1. Click “Print” icon.



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



Automatic shutdown after printing

Click on the settings icon  in the lower right corner when the model starts printing, then click on icon , when 'x' change to 'v', setup complete.

