

Quick Start Guide

快速启动指南

中文 P16



WARNING
注意事项

-
1. Do not remove the wrapping around the nozzle.
 2. Hot! Avoid touching the heating nozzle in operation.
 3. Moving parts in printer may cause injury. Do not wear gloves or other sources of entanglement in operation.
1. 切勿去除包裹在喷嘴处的耐高温材料。
 2. 高温危险！打印机喷嘴在工作时会被加热，操作时请避免接触！
 3. 可动部件可能会造成卷入挤压和切割伤害。操作机器时请不要配带手套或缠绕物。
-

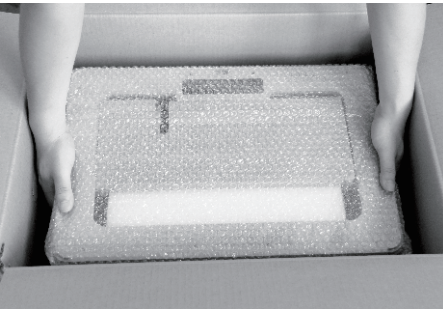
Unpacking



1. Open the carton and take out lid of top of the printer. On the lid, there is one quick start, one after-sales service, one SD card, one leveling card and one build tapes.



2. Take the power cable and two top foam sheets out.



3. Firmly grasp the two sides handles, lift it out from the carton and place it on a stable surface.



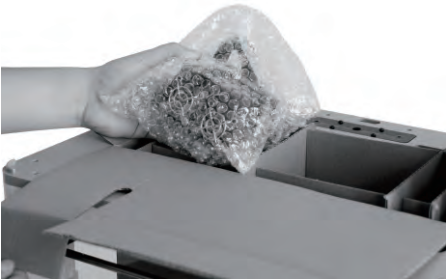
4. Notice that there is a tool bag and a USB cable at the bottom of the box.



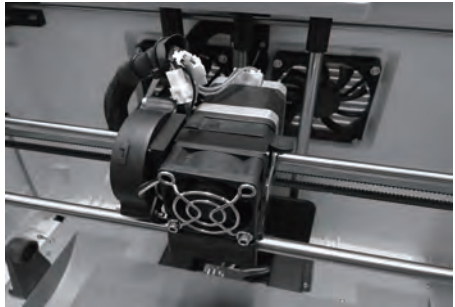
5. Tear off tapes at the printer bottom, remove bubble bag outside the printer.



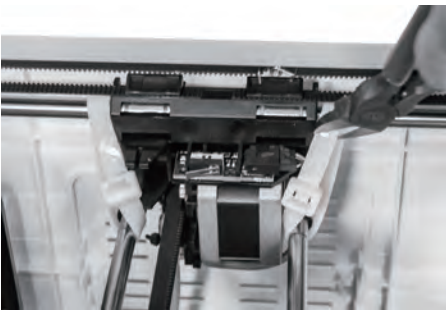
6. Take out the foam on the top of the printer.



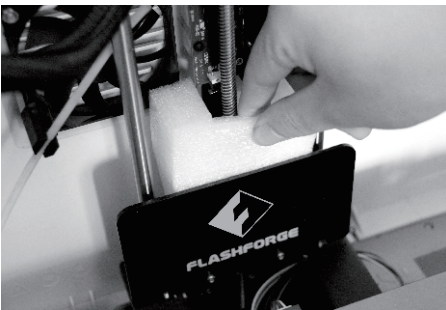
7. Open the paper box on the top of the printer, there is an extruder, two side panels and an extruder's accessory kit inside. Take the extruder out, notice that the cable bunch connected with extruder is short, do not hang the extruder in the air.



8. Remove bubble bag outside the extruder, put extruder on the extruder mounting base.
Notice: The extruder should be put as is shown (extruder fan should towards the front of the printer)



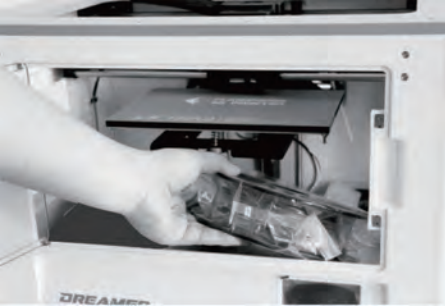
9. Shear three ties off on both sides of X-axis guide rod.



10. Remove the foam from the back of the logo board.



11. Hold both sides of the printer, lift up the printer plate slowly, thus removing filament under build plate easily. Do not make build plate collide with extruder.



12. Take out filament and spool holder first and then remove foam.

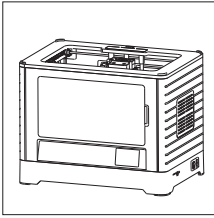


13. Finally press build plate slowly to printer bottom.

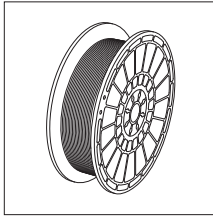


14. Dreamer NX unboxing completed. Suggest keeping packing materials well for follow-up storage and shipping.

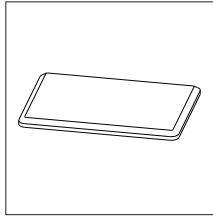
Kit Contents



3D Printer



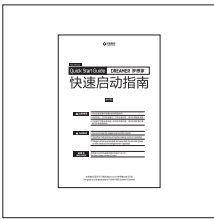
Filament Spool



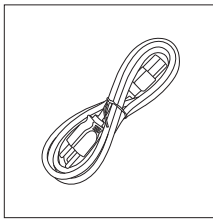
Lid



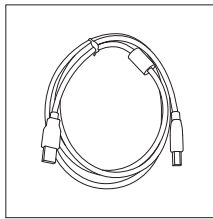
After-sales Service Card



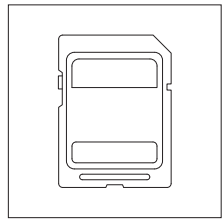
Quick Start Guide



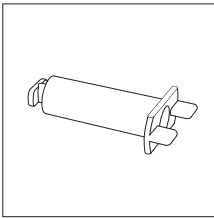
Power Cable



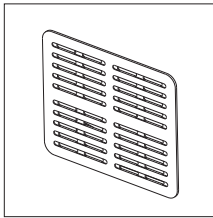
USB Cable



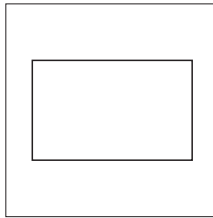
SD Card



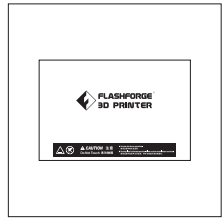
Spool Holder



Side Panel x 2



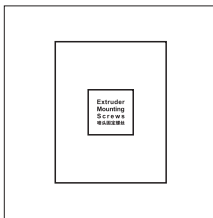
Tool Bag



Build Tape



Leveling Card



Extruder's
Accessory Kit

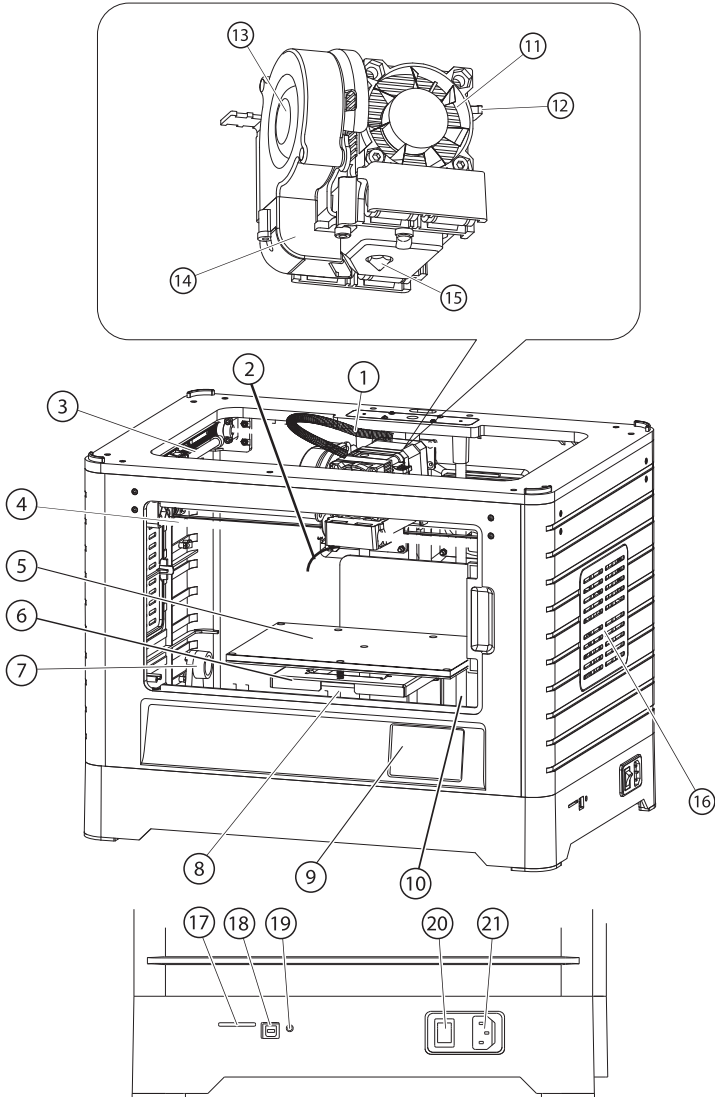
Tool Bag Contents:

Graver / Tweezer / Scraper / Accessories box
(contents: Leveling screw / PTFE tubes*2 /
M3x16 Bolt / Nut) / Tool bag (contents:
Allen wrenches*2 / Phillips screwdriver /
Unclogging pin tool / Wrench / Grease)

Extruder's Accessory Kit Contents:

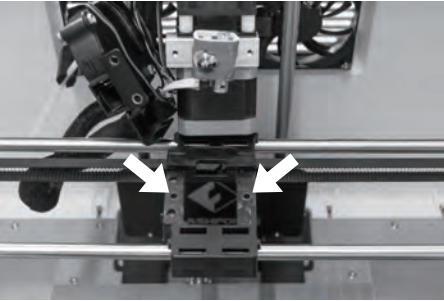
M3x8 Bolts*2 / M3x6 Bolts / Turbofan baffle

Getting to Know Your Dreamer NX

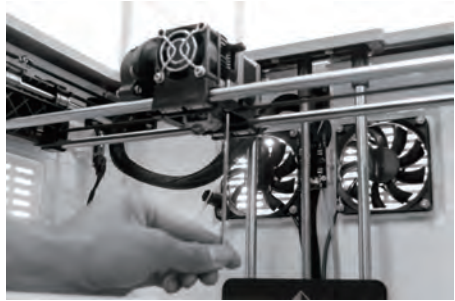


- | | | | |
|-------------------------|------------------------|---------------------|---------------------|
| 1. Extruder Cable Bunch | 2. Filament Guide Tube | 3. Y-Axis Guide Rod | 4. X-Axis Guide Rod |
| 5. Build Plate | 6. Platform Support | 7. Bracket | 8. Leveling nut |
| 9. Touch Screen | 10. Z-Axis Guide Rod | 11. Cooling Fan | 12. Spring Presser |
| 13. Turbofan | 14. Turbofan Baffle | 15. Nozzle | 16. Side Panel |
| 17. SD Card Slot | 18. USB Input | 19. Reset Button | 20. Power Switch |
| 21. Power Input | | | |

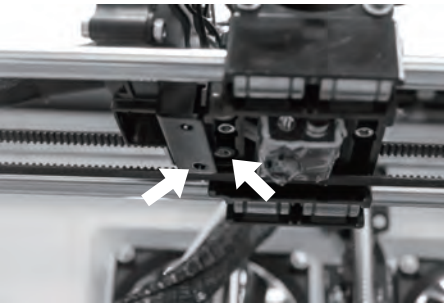
Hardware Assembly



1. Lay the extruder module on the top of the extruder support with the extruder fan facing the front.



2. Use the M2.5 Allen Wrench to screw two turbofan bolts.



3. Align the turbo fan with the screw holes as showed in picture, and tighten the screws.



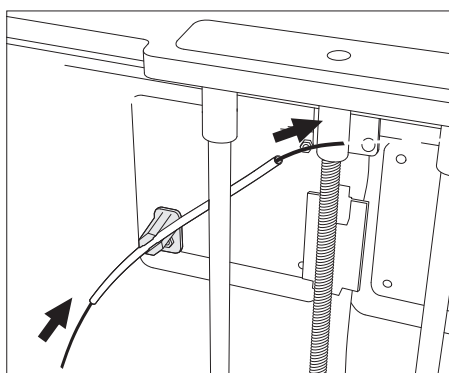
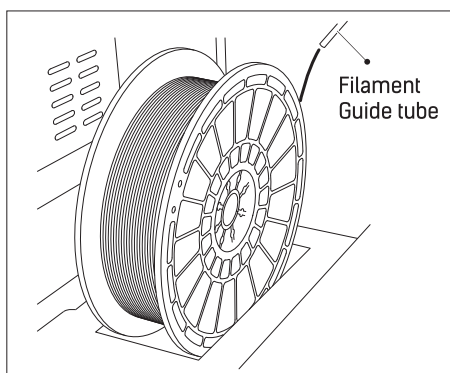
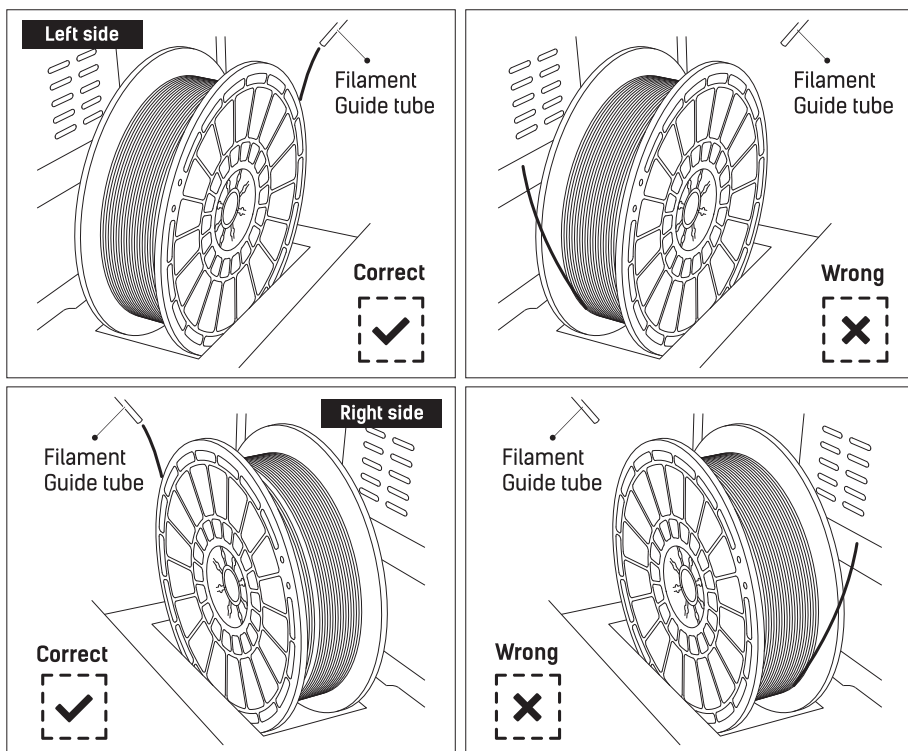
4. Mount the turbofan baffle to turbofan and tighten the set screws indicated in following arrow.



Install Filament

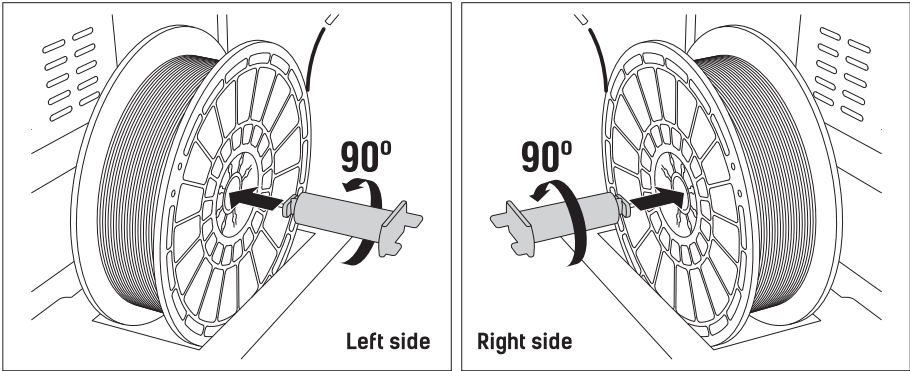
1. Take out PLA filament, remove vacuum packing and put it beside the left fixed seat of the build plate.

! For putting filament through guide tube easily, please install filament in a proper way.



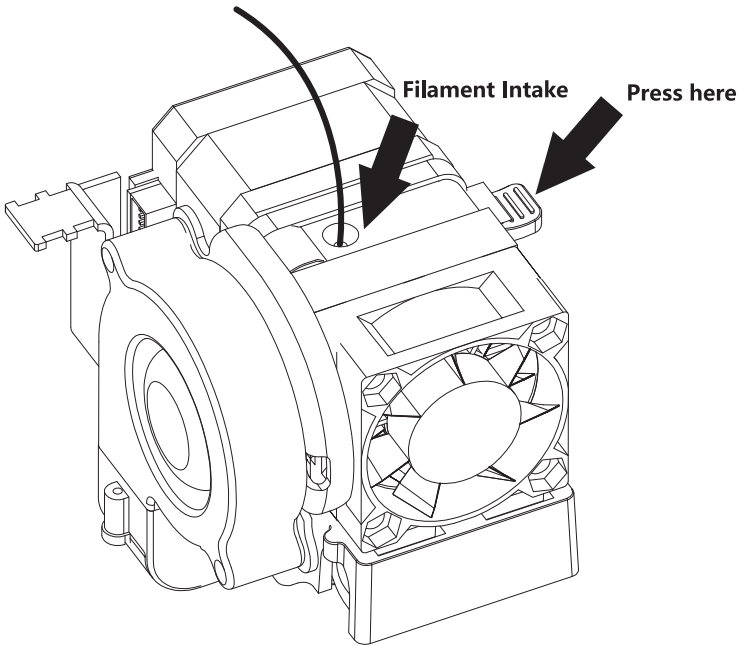
2. For putting PLA filament through guide tube easily, please install filament in a proper way.

3. After filament goes through guide tube, insert filament into filament intake.



4. Take out filament spool holder. As is shown above, put spool holder through round hole, and insert it into fixed seat. Rotate the spool holder 90° to fix it.

**Attention: Lock filament on the left side, rotate spool holder anticlockwise 90°
Lock filament on the right side, rotate spool holder clockwise 90°**



5. Press the spring presser, put filament vertically into the filament intake to the bottom.

Leveling






1. Take power cable out and plug it into power input on the right side of the printer.











2. Plug the other end of power cable into socket turn on the power switch.

How to change language


01

 Print	 Preheat	 Tools
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02

 Filament	 Level	 HOME	 Manual
 Settings	 Status	 About	

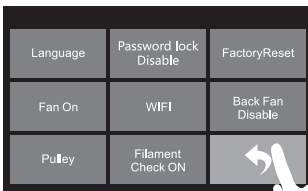
03

Language	Password lock Disable	FactoryReset
Fan On	WIFI	Back Fan Disable
Pulley	Filament Check ON	

04

简体中文	
English	
繁體中文	
日本語	
Français	
Deutsch	

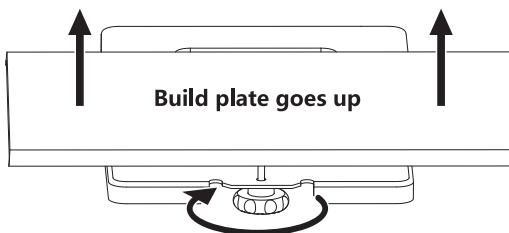
Follow steps above if you need to do language setting.



3. After language setting completed, tap return arrow to go back.

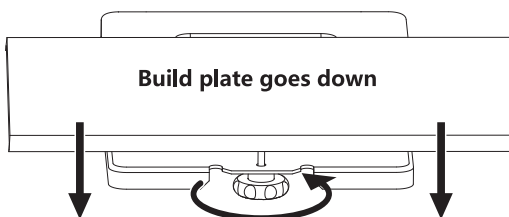
Before leveling, let's learn the function of leveling nuts.

How to use the leveling nuts



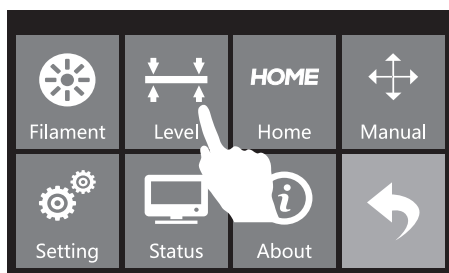
Rotate nut clockwise

Raise the build plate to reduce the distance between the nozzle and build plate.

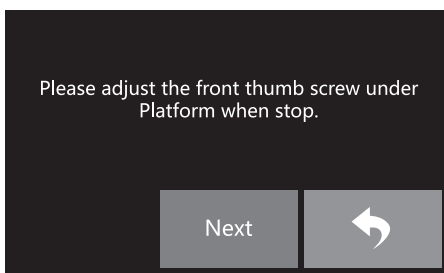


Rotate nut anticlockwise

Lower the build plate to increase the distance between the nozzle and build plate.

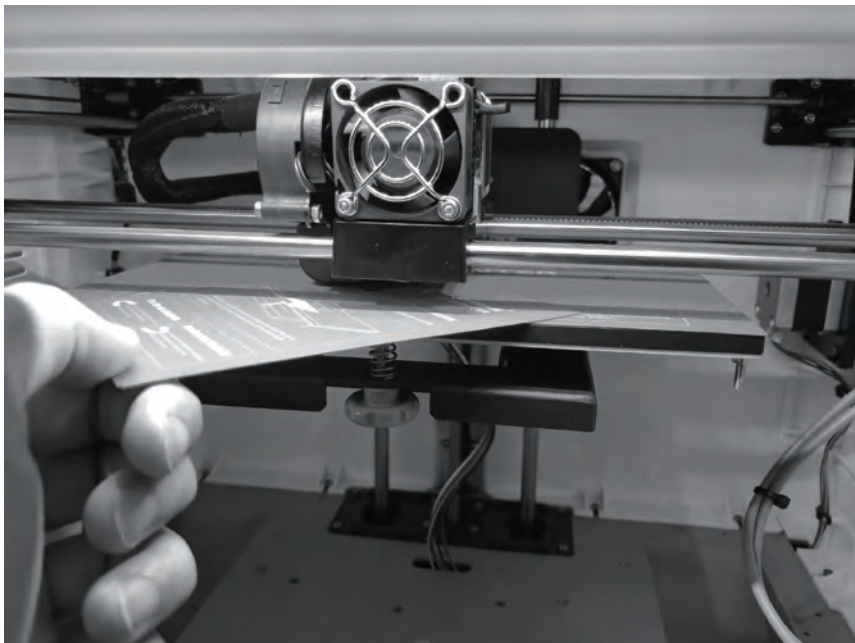


4. Tap [Level].



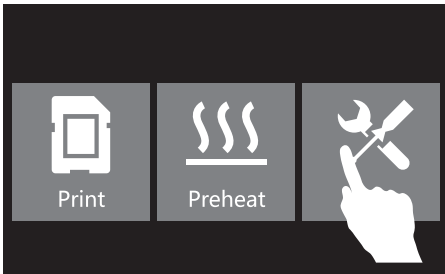
5. Extruder starts to move to the first leveling point. When moving stops, level the first leveling point.

Attention: Leveling would affect print effect directly, if print result is unsatisfactory, please do leveling again.

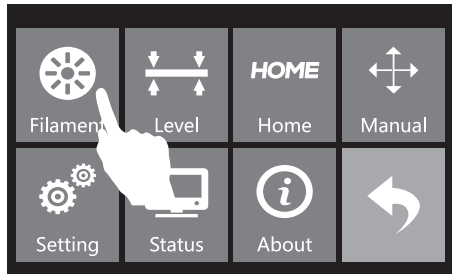


6. Take leveling card out, put leveling card between nozzle and build plate. Slide leveling card back and forth and adjust leveling knobs in the meantime.
 - If you can move leveling card easily, please rotate leveling knobs clockwise to reduce the distance between build plate and nozzle. Otherwise, rotate leveling knobs anticlockwise to increase the distance between build plate and nozzle.
 - If you feel slight friction when moving leveling card, the distance between extruder and leveling card is proper, thus adjustment completed.
7. After the first leveling point completed, tap [Next]. The extruder will move to the second leveling point. Adopt same method to adjust. After three leveling points (above knobs of three leveling points) completed all, leveling completed. Tap [Finish] to end leveling process, tap return arrow to go back to home screen.
8. Press build plate slowly to printer bottom.

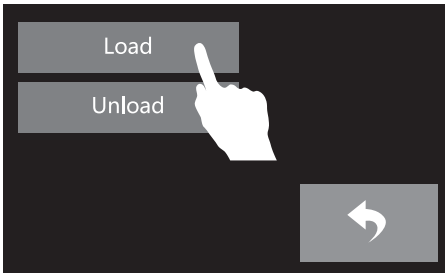
Filament Loading



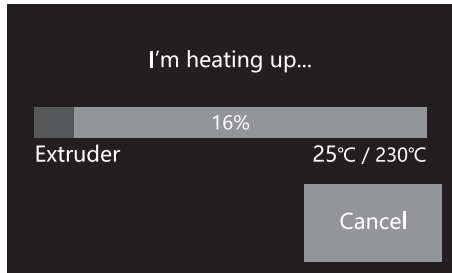
1. Tap [Tools].



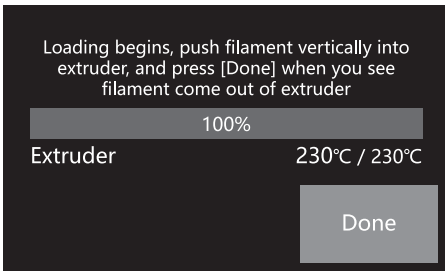
2. Tap [Filament].



3. Tap [Load].



4. Extruder starts to heat.



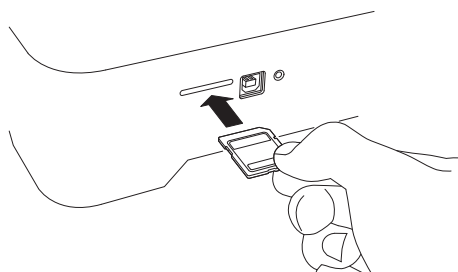
5. Once heated, filament will be drawn through the extruder. Continue extruding until the extruder provides a steady flow of filament. Tap [Done], go back. Tap return arrow to go back to home screen.

Attention: If extruder can not unload in a long time, please check if you have inserted filament into the bottom of extruder.

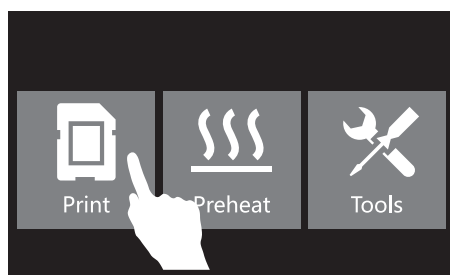
First Print

Suggestions

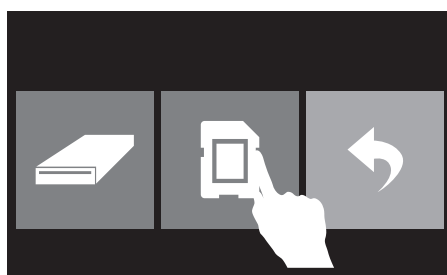
1. Ensure that the build plate has been leveled before printing.
2. Ensure that the filament has been loaded in an appropriate approach.
3. Load the filament for a while to extrude all the melted filament you printed last time out of the extruder.
4. Print with ABS filament, install top cover, close the front door. Print with PLA filament, remove top cover, open the front door.
5. Please clean extruder before printing.
6. Do not leave the printer unattended during operation.



1. Insert SD card into SD card slot on the right side of the printer.



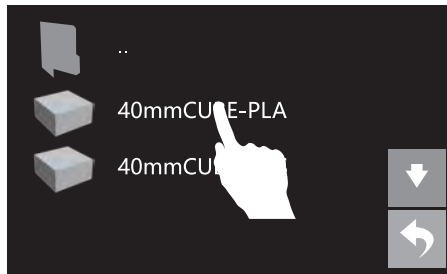
2. Tap [Print].



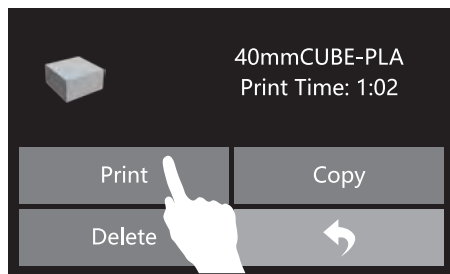
3. Tap [SD card].



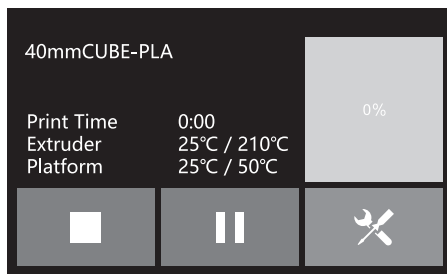
4. Tap [Test Files].



5. Choose [40mmCUBE-PLA].
Attention: Make sure that PLA filament installed on the extruder.



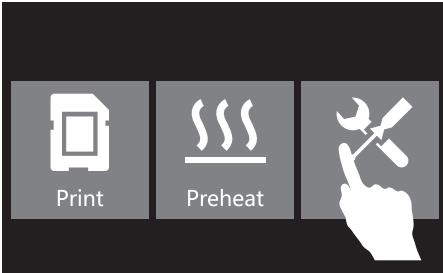
6. Tap [Print].



7. The extruder starts to heat, once heated, the printer will start to print.

Unloading Filament

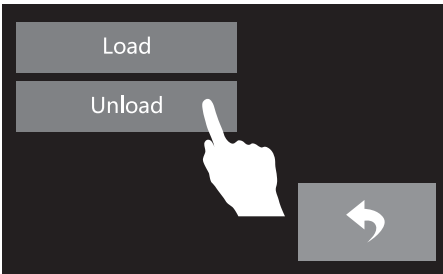
Please follow steps below if you need to unload filament in daily use.



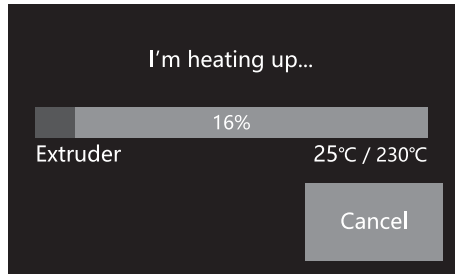
1. Tap [Tools].



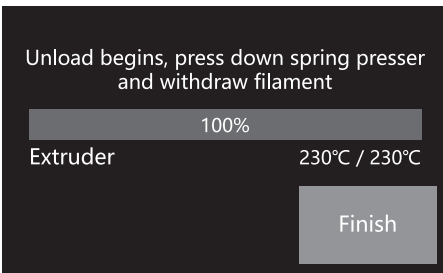
2. Tap [Filament].



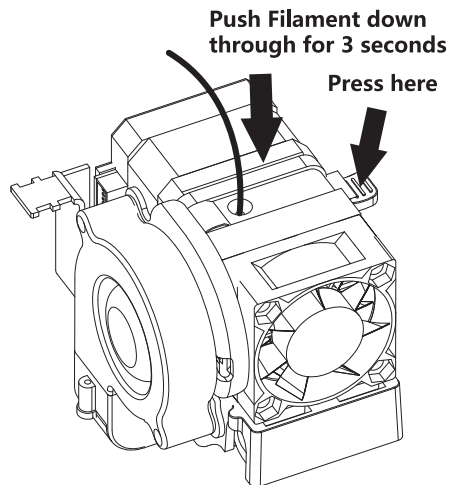
3. Tap [Unload].

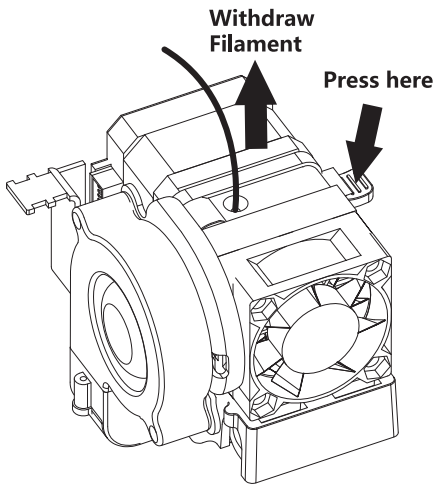


4. Extruder starts to heat.



5. When heating to target temperature, press spring presser and push filament down through for 3 seconds, until you see steady filament coming out from nozzle.





6. Then pull out vertically quickly and release spring presser.
Tap [Finish], go back. Tap return arrow to go back to home screen.

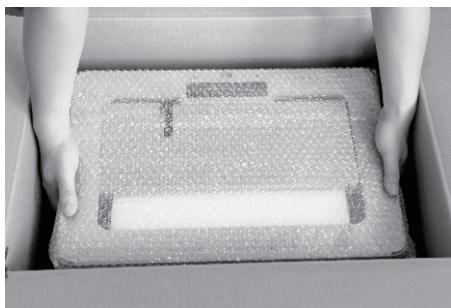
开箱



1. 打开纸箱取出顶部的打印机顶罩。顶罩上放置有一本《快速启动指南》、一张《售后维修卡》、一张SD卡、一张调平卡片和一张平台贴纸。



2. 取出电源线和顶部两侧的泡沫。



3. 抓住机身两侧的把手，将打印机从纸箱中提出。



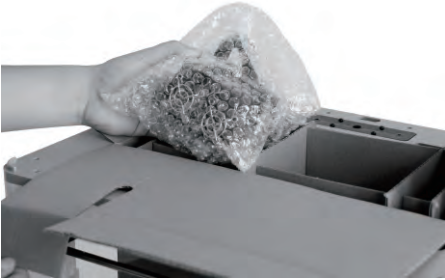
4. 注意箱子底部还有工具袋和USB线。



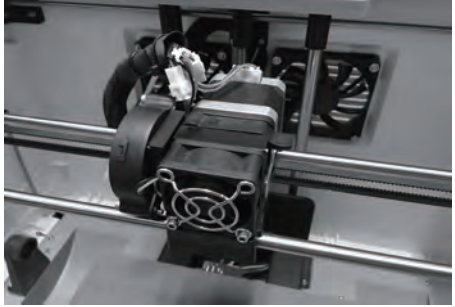
5. 撕开打印机底部的胶带，去除包裹打印机的气泡袋。



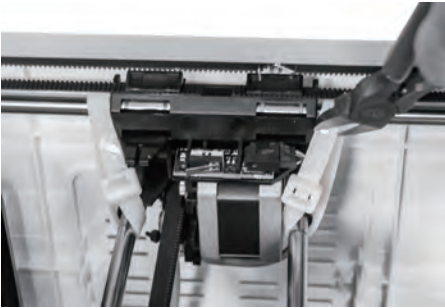
6. 取出打印机顶部的泡沫。



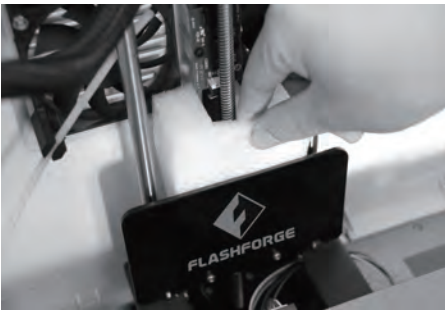
7. 打开打印机顶部的纸盒，纸盒中装有喷头、两块机身侧窗盖板和一个喷头安装包。取出喷头并取出纸盒，注意连接喷头的束线管较短，不要让喷头悬挂在空中。



8. 去除包裹喷头的气泡袋，将喷头放置在安装喷头的中塑件上。注意，喷头的摆放位置应当如图所示（喷头扇热风扇应当朝向打印机前方）。



9. 剪断X轴两侧的扎带，一共三根。



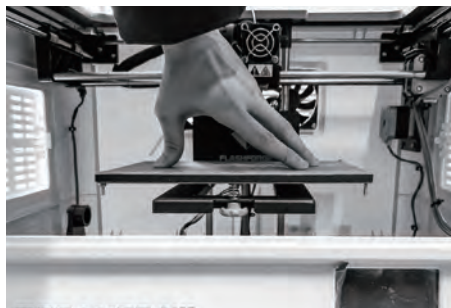
10. 取出logo板后方的泡沫块。



11. 用双手轻轻抬起打印平台。



12. 请取出打印耗材与丝盘轴，然后取出下方泡沫。

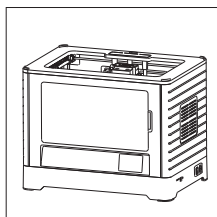


13. 最后缓缓将打印平台下压至打印机底部。

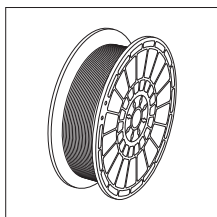


14. 开箱完成。建议您保管好这些包装材料，便于以后的搬运和保存。

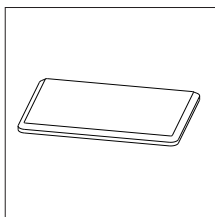
装箱物品



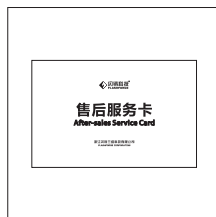
3D打印机



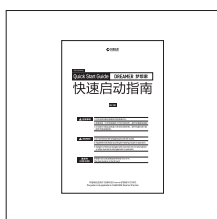
3D打印耗材



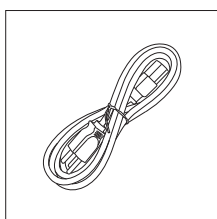
顶罩



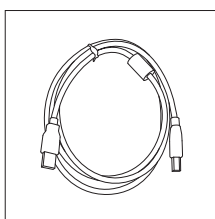
售后服务卡



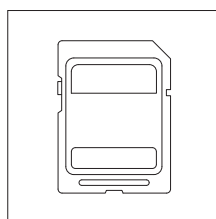
快速启动指南



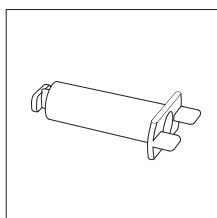
电源线



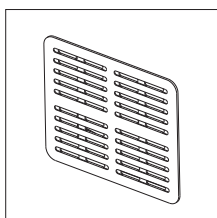
USB线



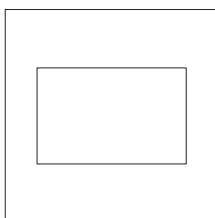
SD卡



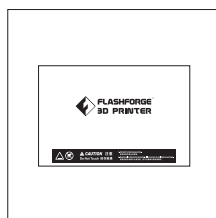
丝盘轴



侧窗板 x 2



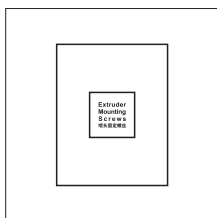
工具袋



平台贴纸



调平卡片



喷头安装包

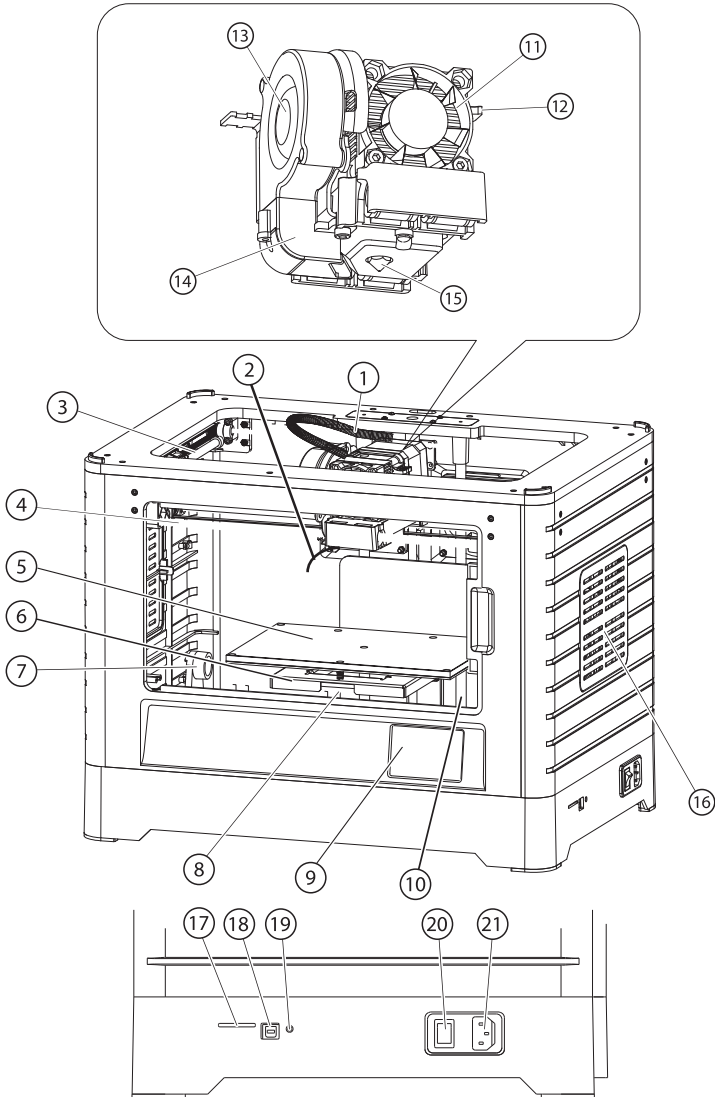
工具袋内含：

刻刀 / 镊子 / 铲刀 / 零件盒 (内含：一颗调平螺母、两根聚四氟管、一颗M3*16螺丝和一颗螺母) / 工具包 (两把内六角扳手、一把十字螺丝刀、一根通针、一把扳手和一袋润滑脂)

喷头安装包内含：

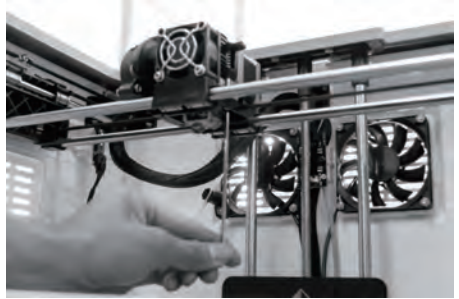
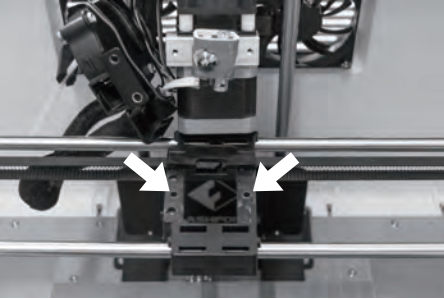
M3*8规格螺丝两颗 / M3*6规格螺丝一颗 / 导风嘴部件

部件介绍



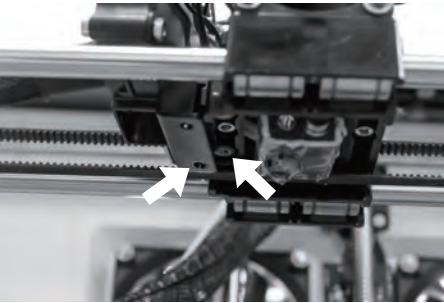
- | | | | | |
|------------|-----------|------------|---------|----------|
| 1. 喷头线束 | 2. 导丝管 | 3. Y轴导轨 | 4. X轴导轨 | 5. 打印平台 |
| 6. 平台支架 | 7. 丝盘轴固定座 | 8. 调平螺母 | 9. 触摸屏 | 10. Z轴导轨 |
| 11. 喷头散热风扇 | 12. 进丝压板 | 13. 涡轮风扇 | 14. 导风嘴 | 15. 喷嘴 |
| 16. 侧窗板 | 17. SD卡插槽 | 18. USB线接口 | 19. 复位键 | 20. 电源开关 |
| 21. 电源线接口 | | | | |

硬件安装



1. 把喷头放在喷头支架上，喷头风扇朝向打印机前方。

2. 用M2.5的内六角扳手安装图1中箭头所示的两颗螺丝。



3. 如图所示，对齐箭头所示的螺丝孔，然后用螺丝固定。

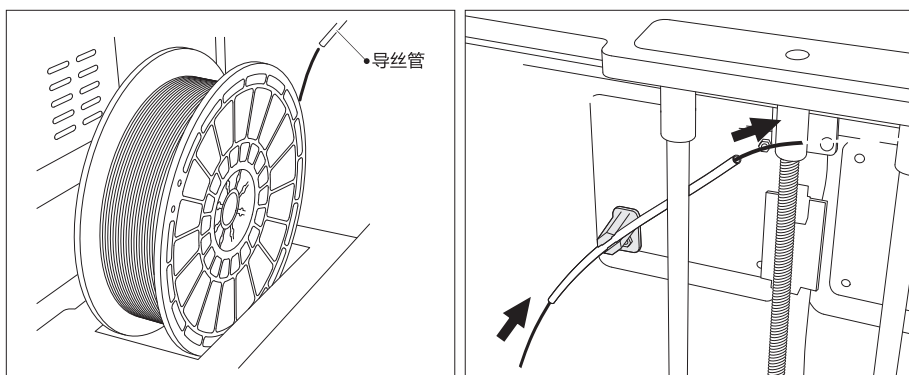
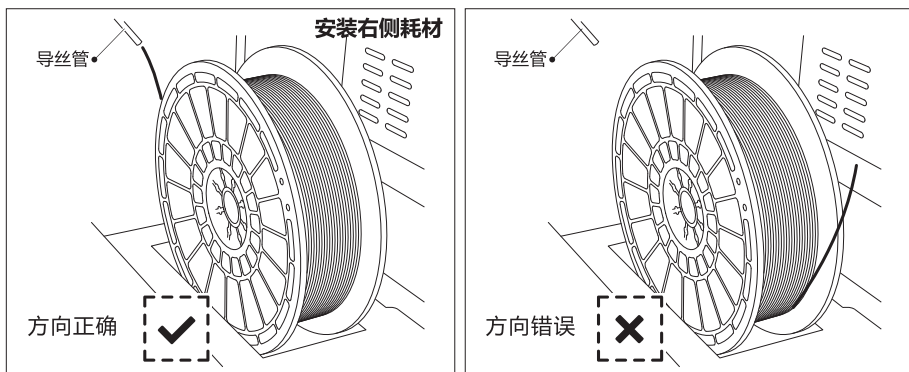
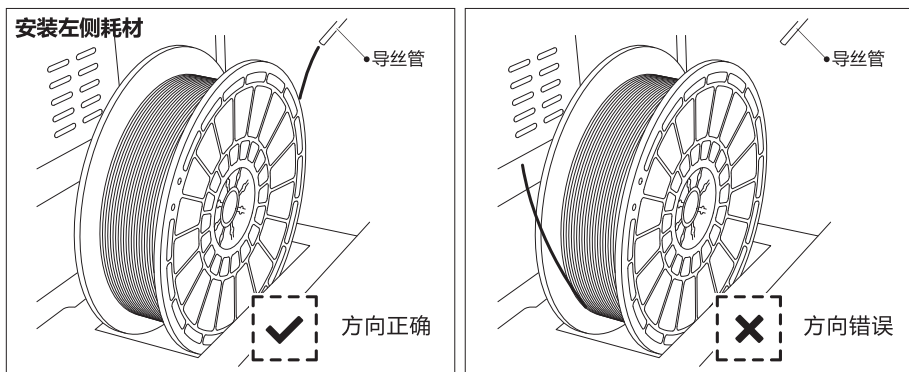


4. 如图所示，装上导风嘴，对齐箭头所示的螺丝孔，然后用螺丝固定。硬件安装完成。

3. 安装耗材

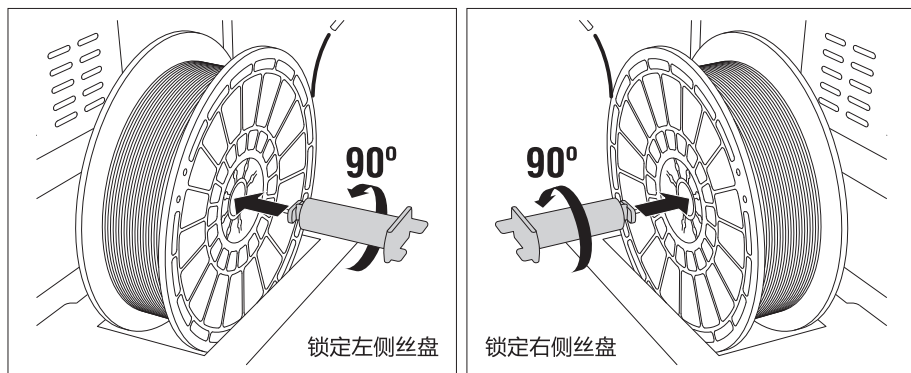
1. 取出PLA耗材，去除真空包装后放入打印平台左侧的丝盘轴固定座旁。

! 为了方便耗材穿过机身内部的导丝管，请确保耗材的安装方向正确。



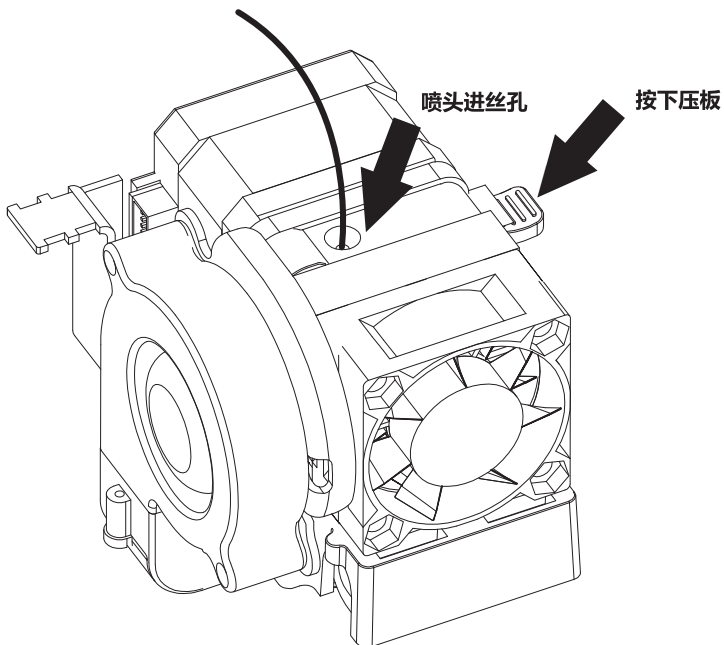
2. 将PLA耗材丝盘安装在打印机左侧，然后将耗材穿入导丝管。

3. 让耗材从导丝管穿出，准备将耗材插入喷头进丝孔中。



4. 取出丝盘轴，如下图所示，将丝盘轴穿过耗材丝盘中间的圆孔后插入丝盘轴固定座。将丝盘轴旋转90度将其锁定。

**注意：锁定左侧耗材时，请将丝盘轴逆时针旋转90度；
锁定右侧耗材时，请将丝盘轴顺时针旋转90度。**



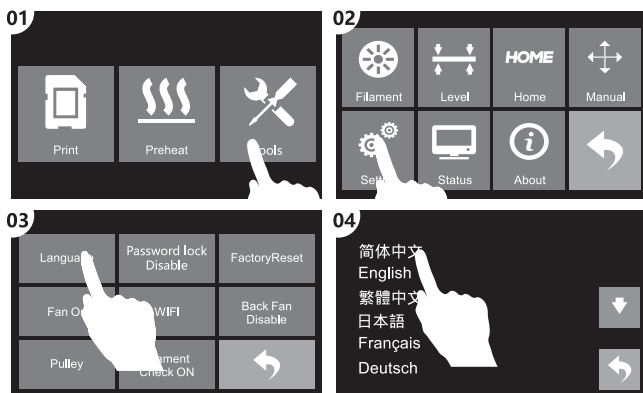
5. 按下喷头旁边的压板，将从导丝管另一头穿出的耗材垂直插入喷头进丝孔中。

调平



1. 取出电源线，插入打印机右侧的电源接口中。
2. 将电源线的另一头插入电源插座。按下电源线接口旁边的电源开关开机。

如何将液晶屏语言设置为中文



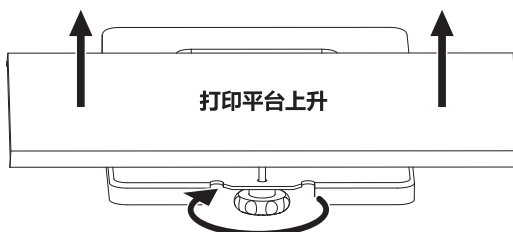
梦想家在出厂时默认操作语言为英文，请根据以上步骤切换至中文：在触摸屏上依次点击 [Tools]、[Setting]、[Language]、[简体中文]。语言设置完成后，点击返回键返回上一界面



3. 语言设置完成后，点击返回键返回上一界面。

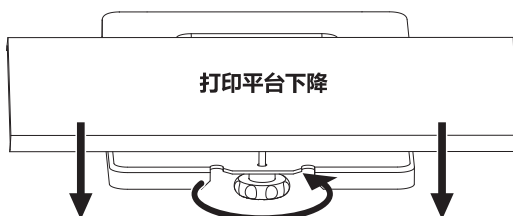
在调平开始前，让我们先了解一下调平螺母的作用。

如何通过调平螺母调节打印平台



顺时针旋转螺母

打印平台上升，喷嘴与平台之间间距变小

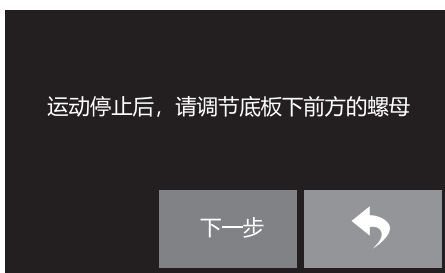


逆时针旋转螺母

打印平台下降，喷嘴与平台之间间距变大

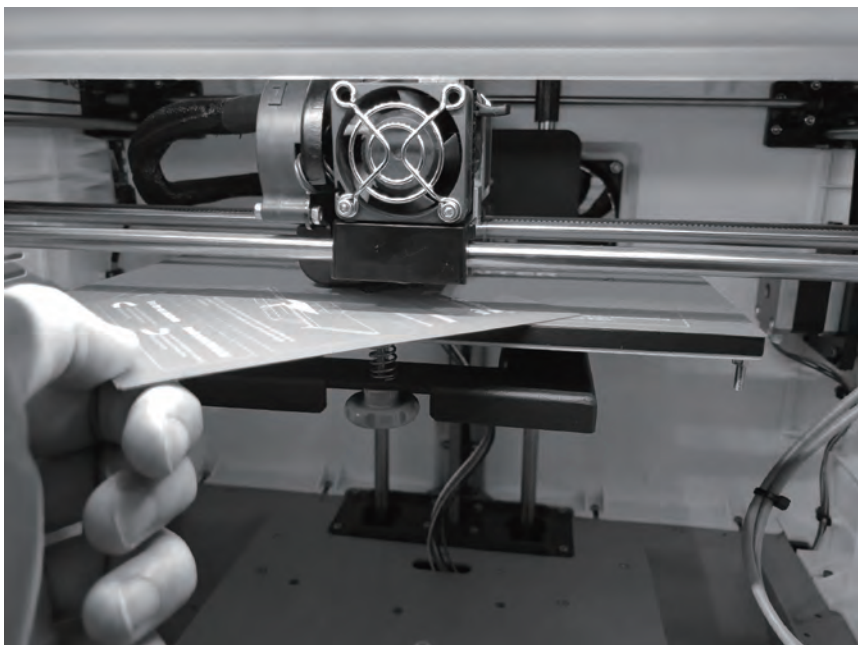


4. 点击[调平]开始调平程序。



5. 喷头开始向第一个调平点移动，运动停止后开始调平操作。

注意：调平效果会直接影响到打印效果，如果打印效果不理想，请再次对平台进行调平。



6. 取出调平卡片，将调平卡片放入喷嘴与打印平台之间。一手调节调平螺母，一手来回滑动调平卡片感受摩擦力。
 - 若卡片可以轻松抽动则表示喷嘴与平台的间距过大，需要顺时针旋转下方的调平螺母来缩小平台与喷嘴的间距。
 - 若抽动卡片时阻力较大，表示喷嘴与平台的间距过小，需要逆时针旋转下方的调平螺母来增大平台与喷嘴的间距。
 - 若抽动卡片时感到有轻微的摩擦感，表明此时喷嘴与平台的间距比较合适，可以停止调节。
7. 第一个点调平完成后，按[下一步]，喷头会移动到第二个调平点上方。采用同样的方法对该点进行调节。以此类推，当三个调平点都调平完成后（三个调平螺母上方），调平完成，点击[完成]结束调平程序，按返回键返回首界面。
8. 将打印平台缓慢地压回打印机底部。

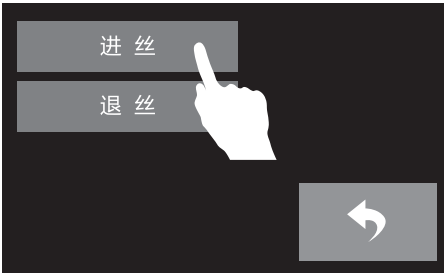
填装耗材



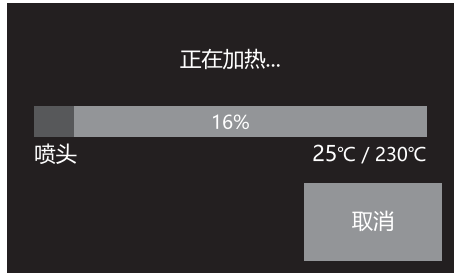
1. 点击[工具]。



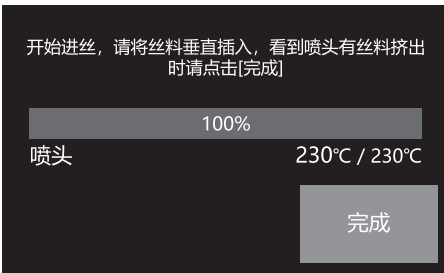
2. 点击[换丝]。



3. 点击[进丝]。



4. 喷头开始加热。



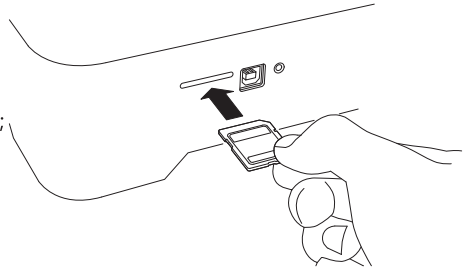
5. 喷头加热到预定温度后开始进丝，看到喷嘴开始出丝时请勿立即停止进丝，直到耗材均匀出丝为止。点击[完成]返回上一界面，然后点击返回键返回首界面。

注意：若长时间喷头未出丝，请检查填装耗材时是否正确将耗材插入喷头底部。

首次打印

打印建议

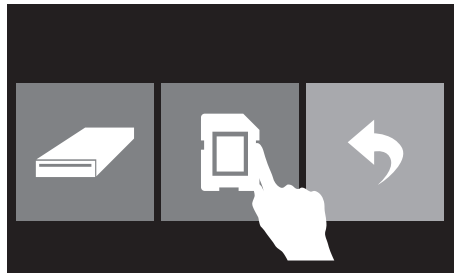
1. 打印开始前请确保打印机已经完成调平；
2. 打印开始前确保耗材安装正确，没有打结或卡住；
3. 喷头内可能残留有少量耗材，请进丝一段时间，确保上一次打印的耗材已经全部挤出；
4. 使用ABS耗材打印时，请装上顶罩，关闭前门；使用PLA耗材打印时，请移除顶罩，打开前门；
5. 打印开始前请将喷头耗材清理干净；
6. 不可在长时间无人看守的情况下使用3D打印机；



1. 取出SD卡，将SD卡插入打印机右侧的SD卡插槽中。



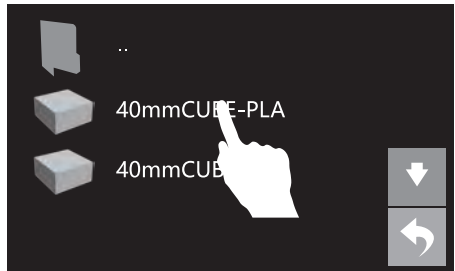
2. 在触摸屏上点击[打印]。



3. 点击[SD卡]。



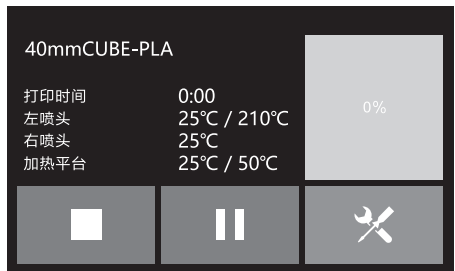
4. 点击[Test File测试文件]。



5. 选择[40mmCUBE-PLA]测试模型。
注意：请确认PLA耗材是否已正确安装。



6. 点击[打印]。



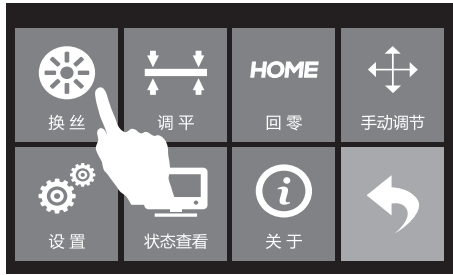
7. 喷头和打印平台开始加热，加热到预定温度后开始打印。

退丝操作

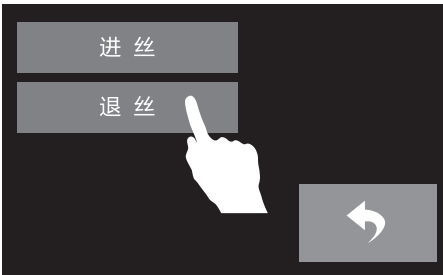
在日常使用中，如果需要更换耗材，建议按下列步骤操作。



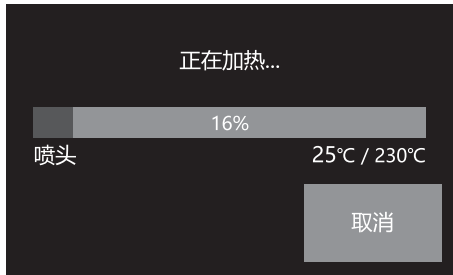
1. 点击[工具]。



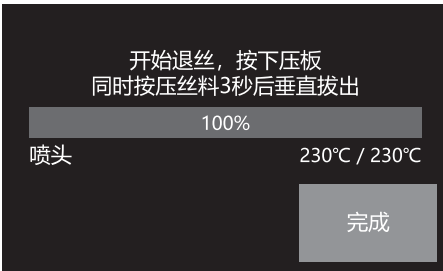
2. 点击[换丝]。



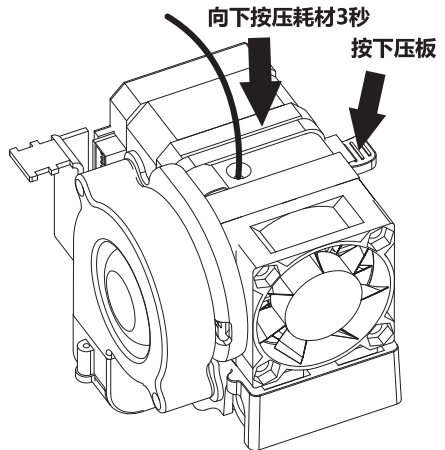
3. 点击[退丝]。

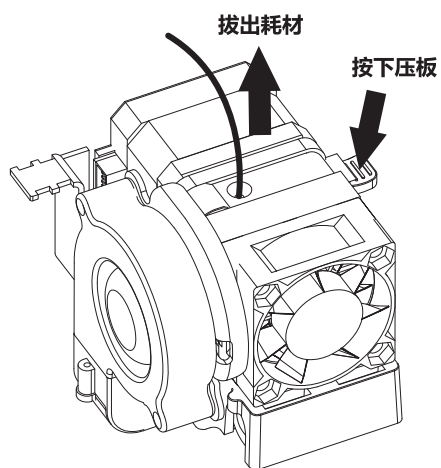


4. 喷头开始加热。



5. 喷头加热到预定温度后开始退丝，按下喷头侧边的压板，同时向下按压耗材3秒，直到看到耗材从喷嘴被挤出。





6. 快速垂直拔出。点击[完成]返回上一级，
点击返回键返回首页面。



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