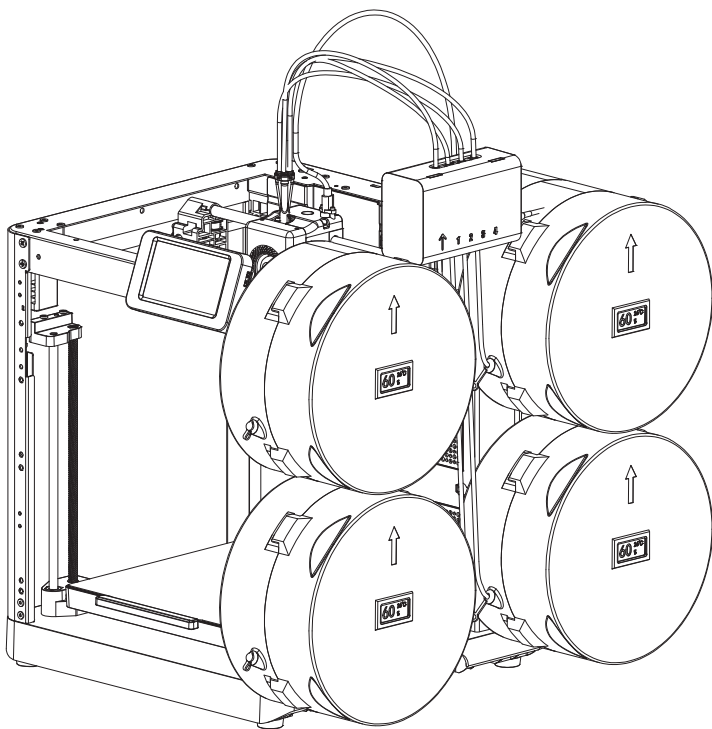


How to Install Dry Boxes on Your AD5X

≡ AD5X干燥盒安装说明 ≡



This Guide is only applicable to FLASHFORGE AD5X 3D printer.
本手册仅适用于 FLASHFORGE AD5X 3D打印机

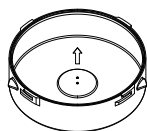


Scan to get the installation tutorial

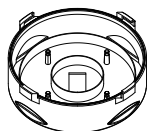


扫码获取安装教程

3D Printed Parts List



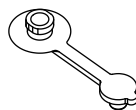
Dry Box Base*4



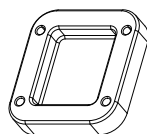
Dry Box Top *4



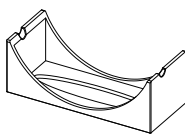
Dry Box Tray *4



Sealing Plug *8



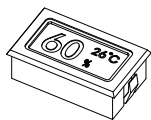
IFS Bracket Spacer *1
(Required for
Installation Option 1)



Dry Box Stand *4
(Required for
Installation Option 2)

Note: Download the listed parts from the Flashforge Download Center (<https://www.flashforge.com/pages/download-center>) to print them.

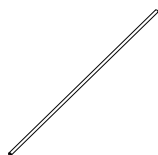
Accessory Package Contents



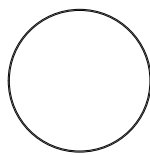
Thermo-
Hygrometer *4
(batteries not included)



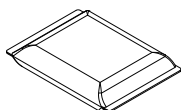
Short Filament
Guide Tube *2



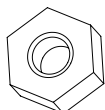
Long Filament
Guide Tube *2



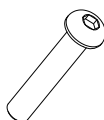
Sealing Ring *4



Desiccant *16



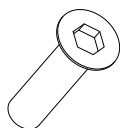
M3 Nut *8



Screw M3x14 *4



Screw M3x10 *8

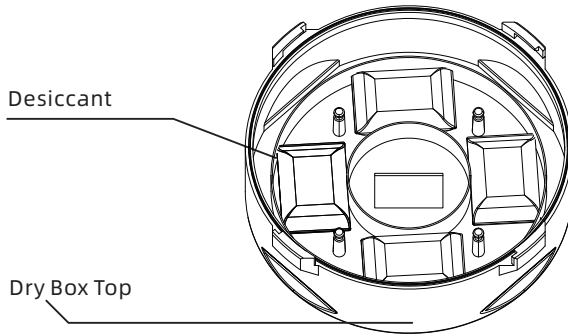


Screw M3x12 *8
(For AD5X's Enclosed Version)

Step 1

Install the Desiccant

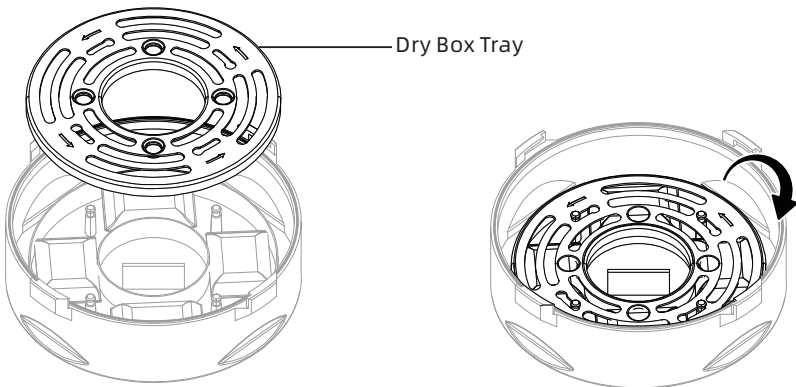
Place four packs of desiccant into the recesses inside the dry box top.



Step 2

Install the Dry Box Tray

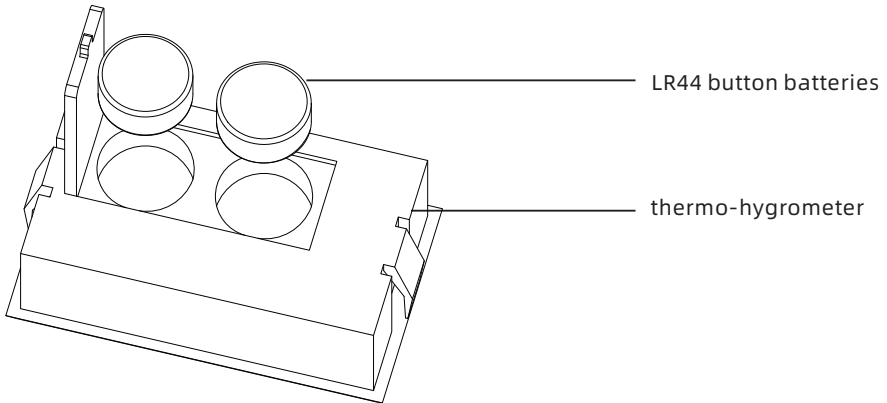
Align the dry box tray with the four posts of the dry box top. Press down and rotate it clockwise to secure it.



Step 3

Prepare the Thermo-Hygrometer

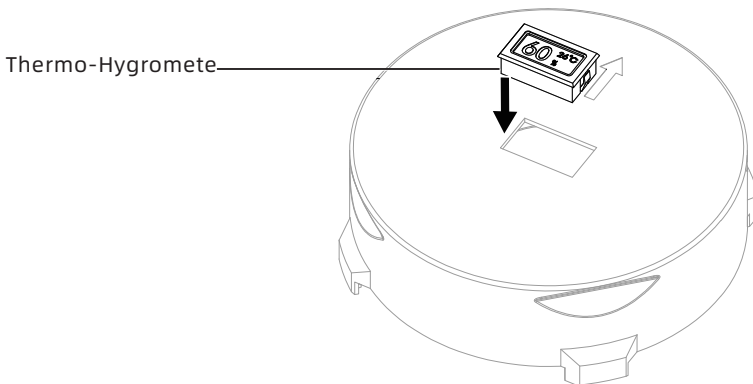
1. Prepare two LR44 button batteries.
2. Open the battery cover on the back of the thermo-hygrometer, insert the two button batteries, and then close the cover.



Step 4

Install the Thermo-Hygrometer

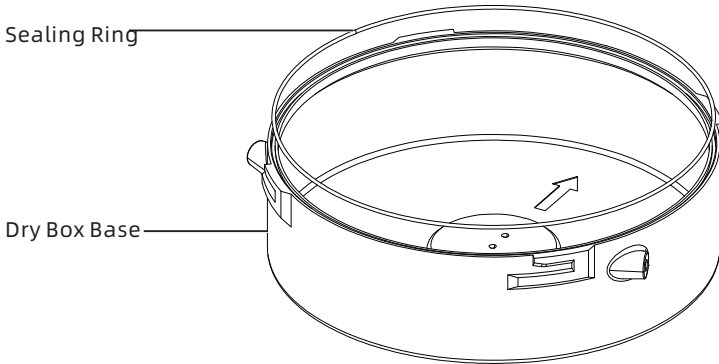
Press the thermo-hygrometer down into the slot on the dry box top.



Step 5

Install the Dry Box Base

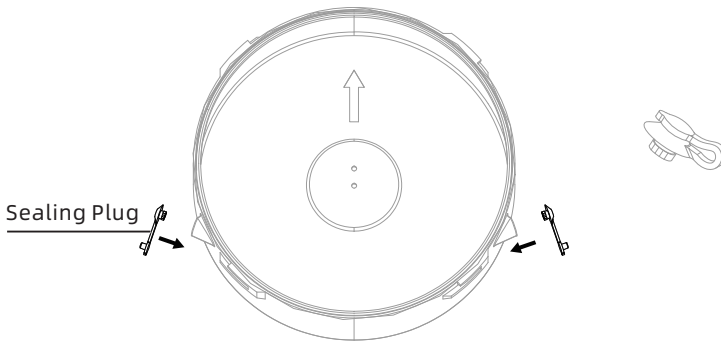
Press the sealing ring into the groove along the edge of the dry box base.



Step 6

Install the Dry Box Base

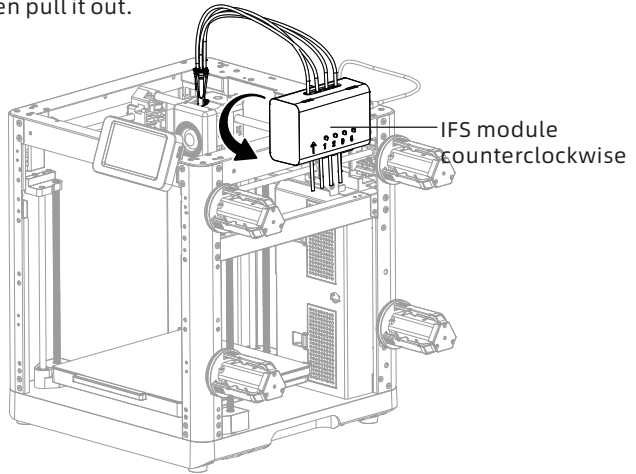
Insert the sealing plugs into the holes on both sides of the dry box. Then, snap the plug caps into place.



Step 7

Remove the IFS Module

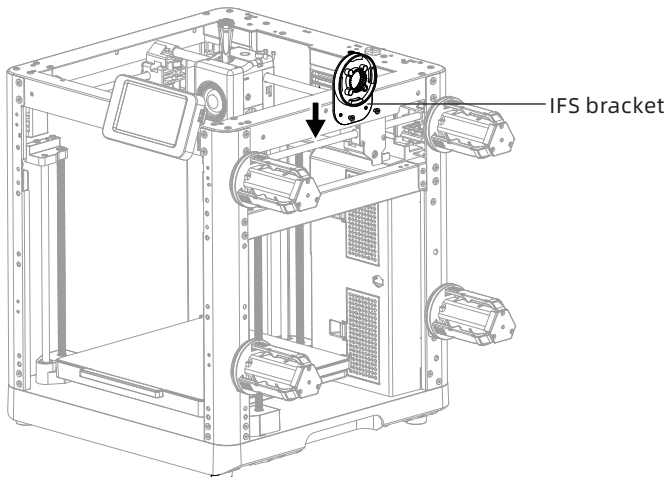
Rotate the IFS module counterclockwise until you hear a "click", and then pull it out. Set it aside.



Step 8

Remove the IFS Bracket

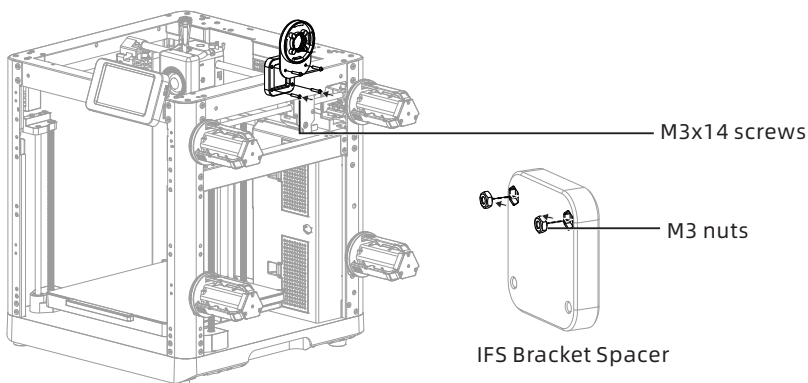
Remove the IFS bracket.



Step 9

Install the IFS Bracket

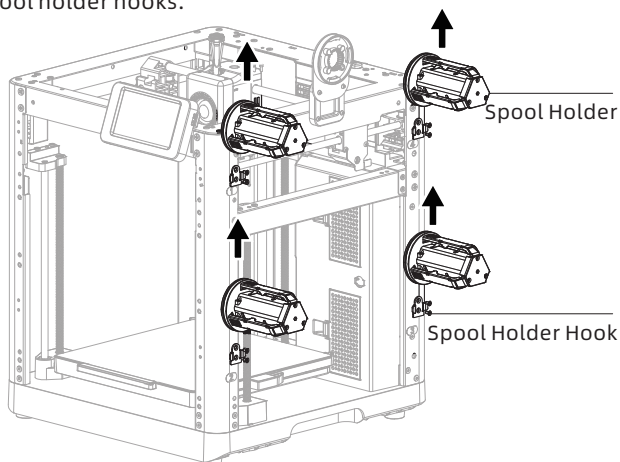
1. Press two M3 nuts into the holes on the IFS bracket spacer.
2. Secure the IFS bracket to the spacer using two M3x14 screws.
3. Secure the IFS bracket spacer onto the printer using two M3x14 screws.



Step 10

Remove the Spool Holder Hook

1. Lift and remove the four spool holders.
2. Remove the four spool holder hooks.

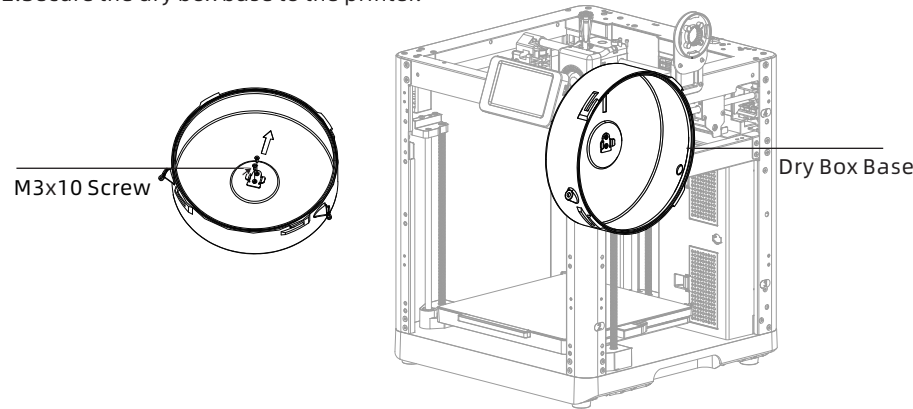


Installation Option 1: Side-Mounted Setup

Step 11

Install the Dry Box Base

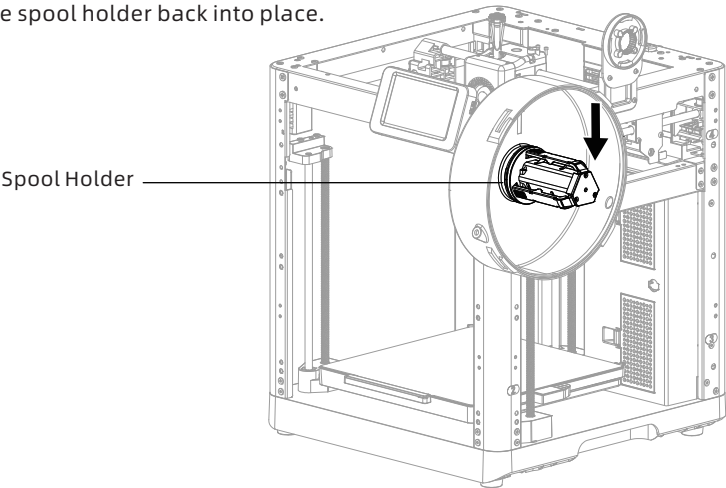
- 1.Align the spool holder hook with the holes on the dry box base and secure it with two M3x10 screws.
- 2.Secure the dry box base to the printer.



Step 12

Install the Spool Holder

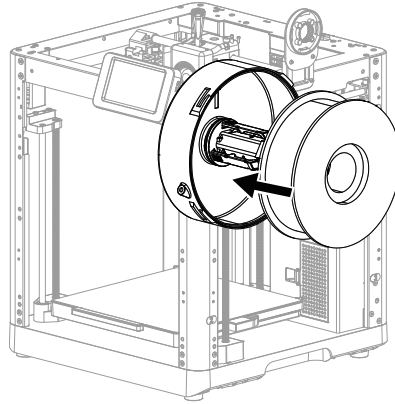
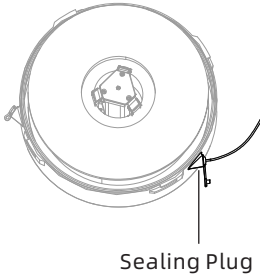
Snap the spool holder back into place.



Step 13

Install the Spool Holder

1. Open the sealing plug and thread the filament through it from the inside out.
2. Place the spool onto the spool holder.

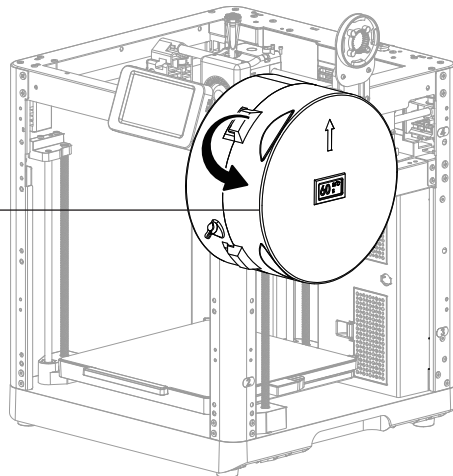


Step 14

Install the Spool Holder

Install the dry box top onto the base by rotating it counterclockwise.

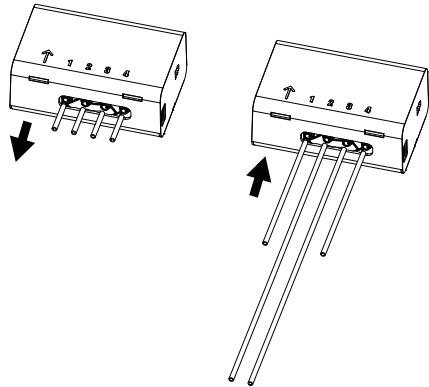
Dry Box Top



Step 15

Install the Filament Guide Tubes

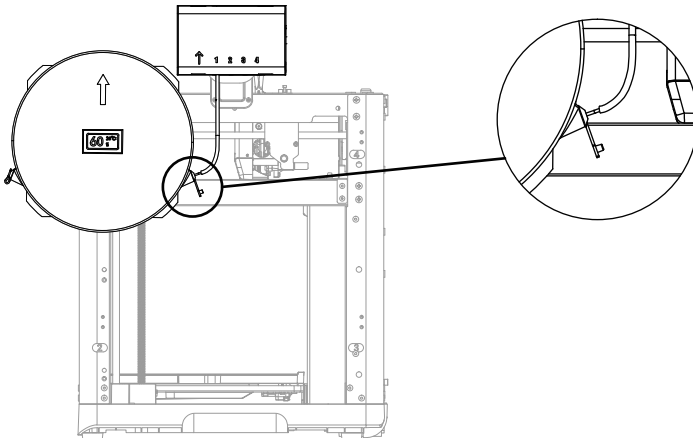
1. Press the filament guide tube clips with your hand, and use pliers to pull out the old guide tubes.
2. Install the new short guide tubes in Holes 1 and 4, and the long guide tubes in Holes 2 and 3.



Step 16

Install the Filament Guide Tubes

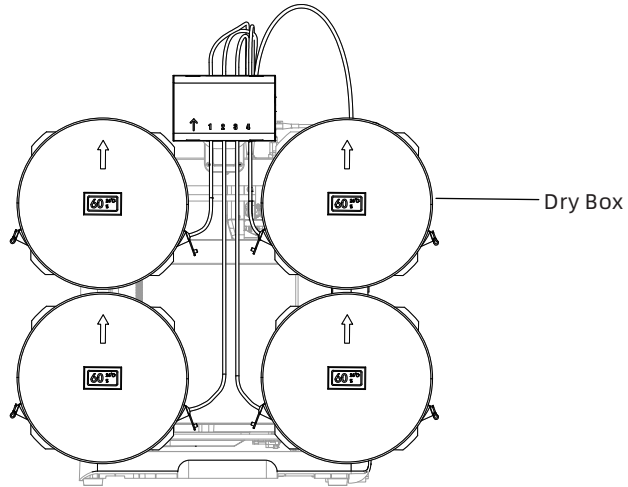
1. Install the IFS module back.
2. Thread the filament through the guide tube and feed it into the printer.
3. Insert the guide tube into the sealing plug to complete the installation of Dry Box 1.



Step 17

Assemble the Remaining Dry Boxes

Repeat the same steps to assemble Dry Boxes 2, 3, and 4.

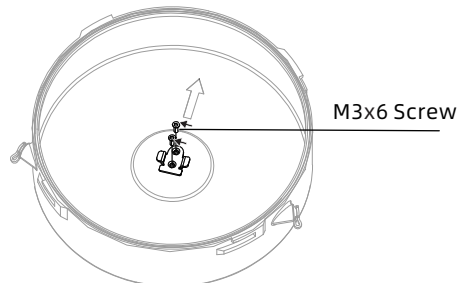
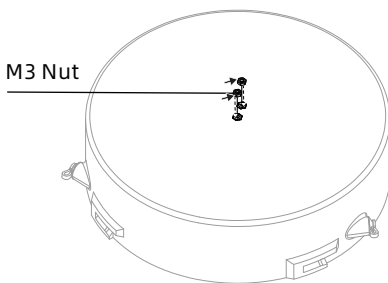


Installation Option 2: Desktop Setup

Step 18

Install the Spool Holder Hook

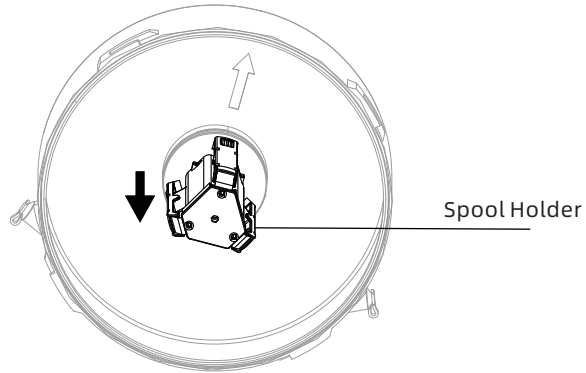
1. Press two M3 nuts into the holes on the dry box base.
2. Align the spool holder hook with the holes on the dry box base and secure it with two M3x6 screws.



Step 19

Install the Spool Holder

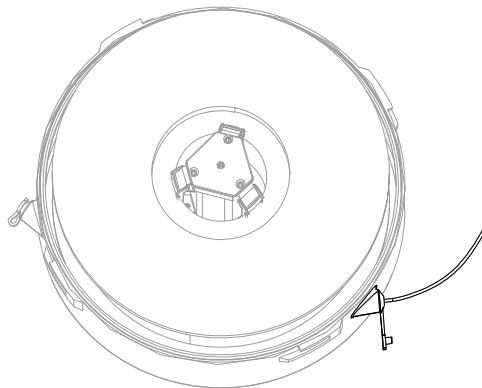
Install the spool holder back.



Step 20

Install the Filament Spool

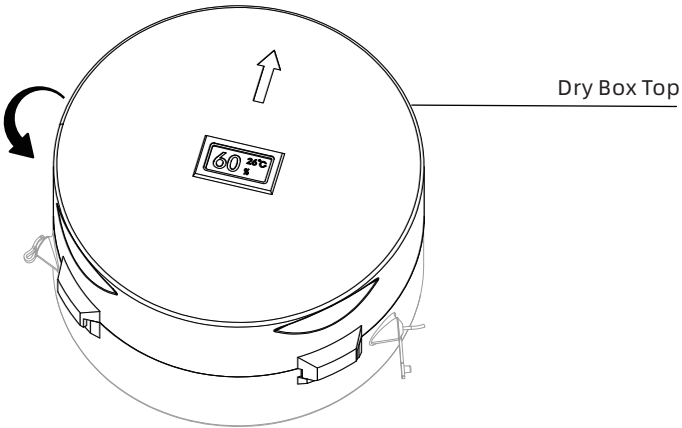
Open the sealing plug, thread the filament through it from the inside out, and then place the spool onto the spool holder.



Step 21

Install the Dry Box Top

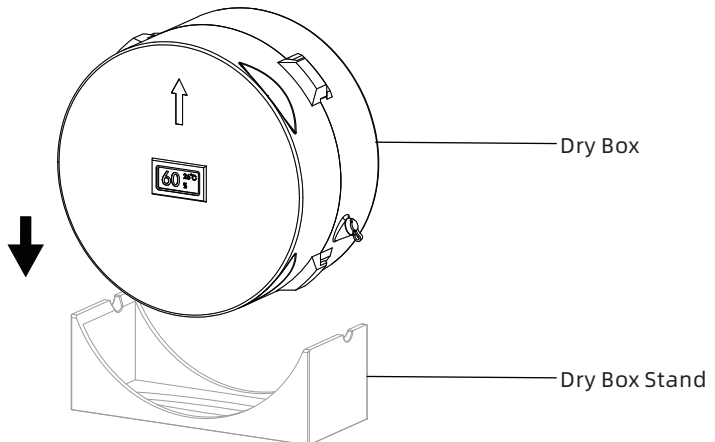
Install the dry box top onto the base by rotating it counterclockwise.



Step 22

Place the Dry Box on the Stand

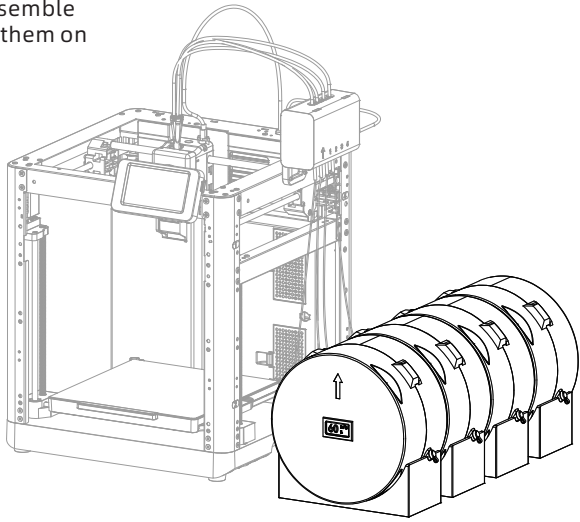
Place the dry box onto the dry box stand.



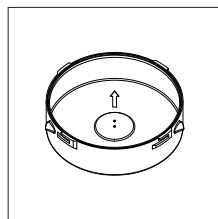
Step 23

Final Placement

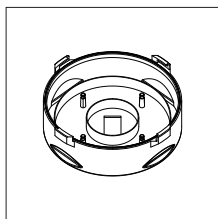
Repeat the same steps to assemble all four dry boxes and place them on the right side of the printer.



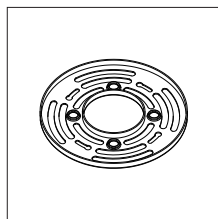
3D打印配件清单



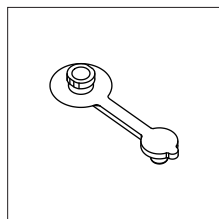
干燥盒底 *4



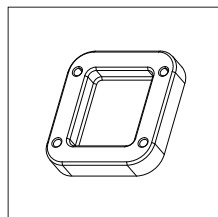
干燥盒顶 *4



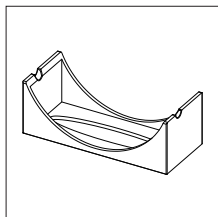
干燥托盘 *4



密封塞 *8



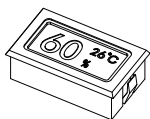
IFS支架垫片 *1
(方案一所需零件)



干燥盒支架 *4
(方案二所需零件)

注：此清单中所列配件需用户至闪铸官网下载中心
<https://www.sz3dp.com/download-center>自行下载文件完成打印。

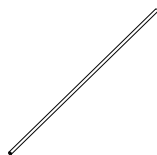
销售配件包清单



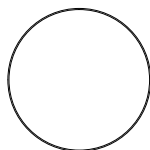
温湿度计 *4
(不含电池)



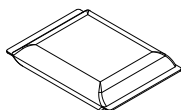
导丝管短 *2



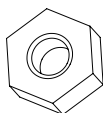
导丝管长 *2



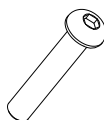
密封圈 *4



干燥剂 *16



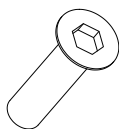
M3螺母 *8



螺钉M3x14 *4



螺钉M3x10 *8

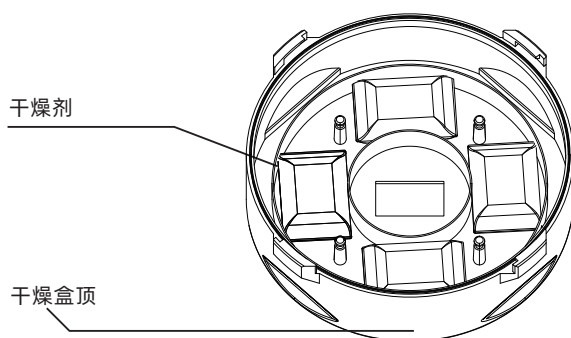


螺钉M3x12 *8
(用于AD5X封箱套件版本)

步骤1

安装干燥剂

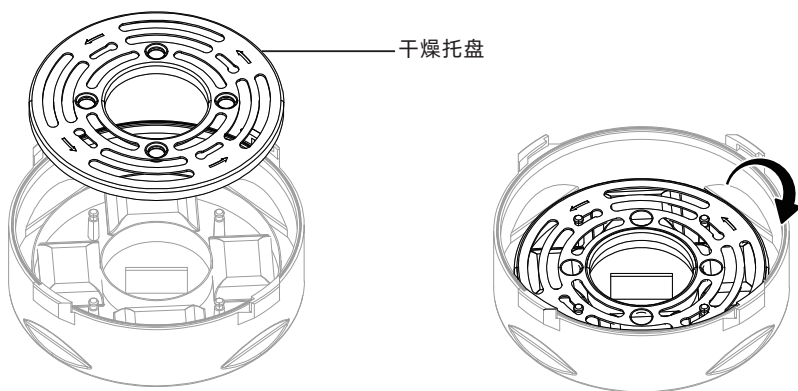
将四包干燥剂放入干燥盒顶凹槽内。



步骤2

安装干燥托盘

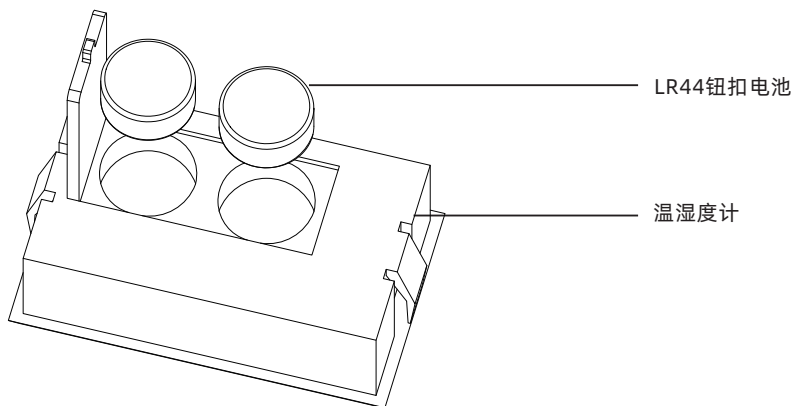
将干燥托盘对齐干燥盒顶四个柱子，装入后顺时针旋转固定。



步骤3

准备温湿度计

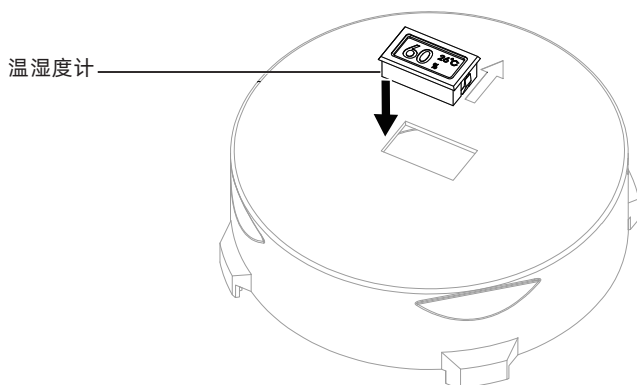
- 1.准备两颗LR44纽扣电池；
- 2.打开温湿度计背后电池盖，放入两颗纽扣电池后关闭电池盖。



步骤4

安装温湿度计

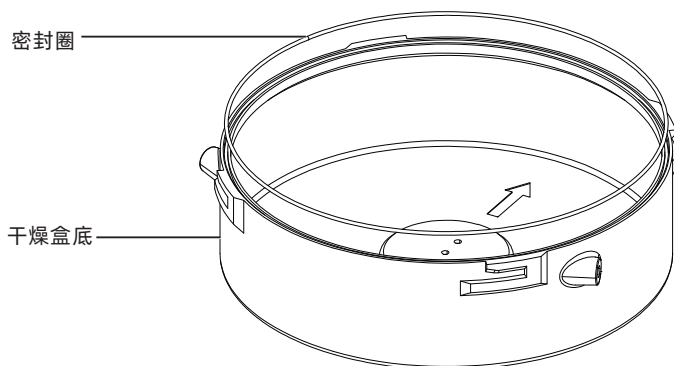
将温湿度计向下压入干燥盒顶卡槽内。



步骤5

安装干燥盒底

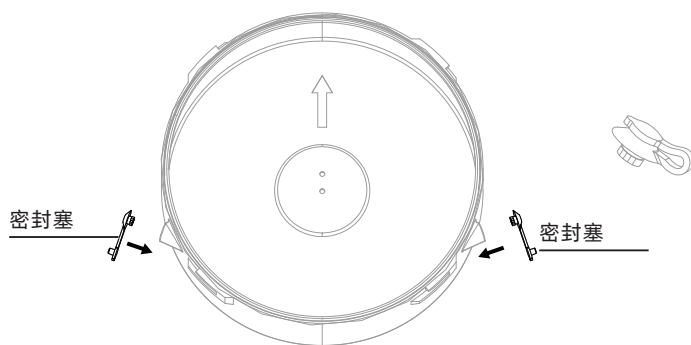
将密封圈沿着干燥盒底边缘压入卡槽内。



步骤6

安装干燥盒底

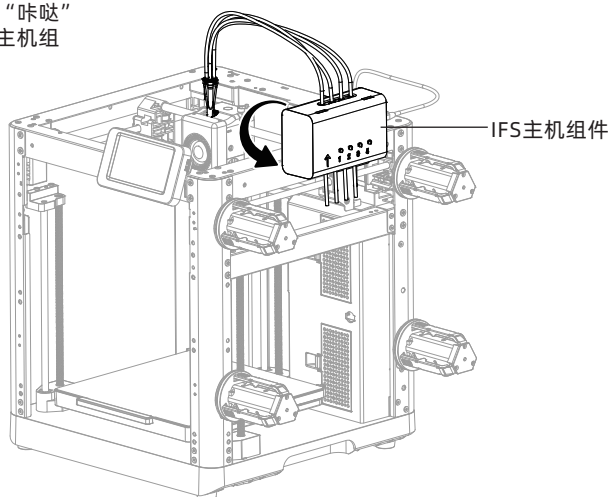
将密封塞压入干燥盒左右两侧孔内，然后将密封塞盖子盖上。



步骤7

拆除IFS主机组件

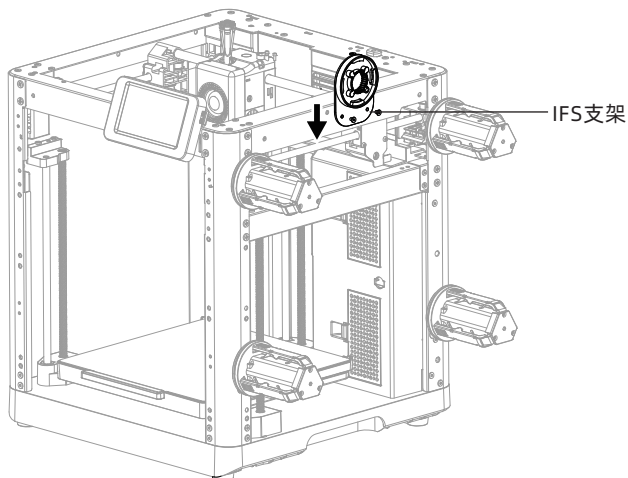
逆时针旋转IFS主机组件，听到“咔哒”声后向外拔出，将拆下来的IFS主机组件放置一边。



步骤8

拆除IFS支架

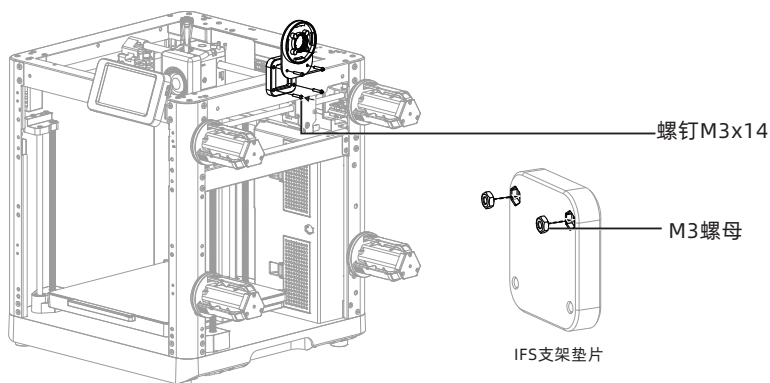
将IFS支架拆下。



步骤9

安装IFS支架

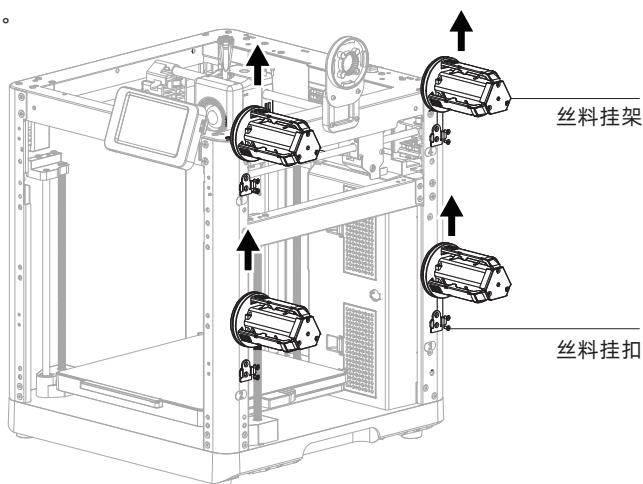
1. 将两个M3螺母压入IFS支架垫片孔内。
2. 将IFS支架用两个螺钉M3x14固定在IFS支架垫片上；
用两个螺钉M3x14将IFS支架垫片固定在机器上。



步骤10

拆下丝料架挂扣

- 将四个丝料挂架向上取下；
将四个丝料挂扣拆下。

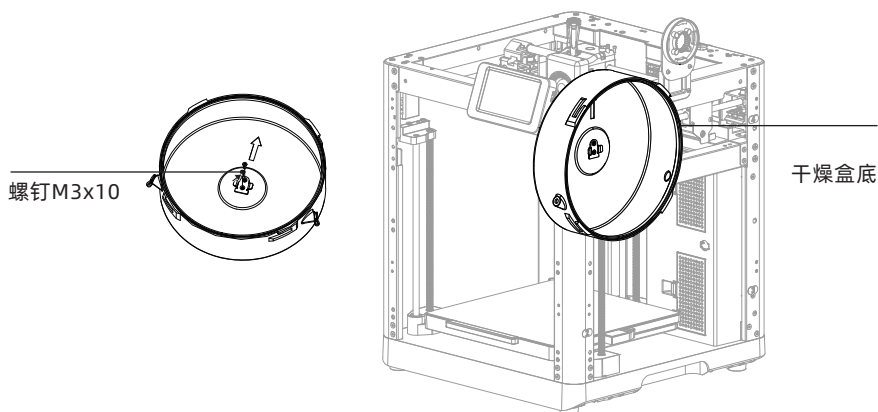


安装方案一：侧边摆放方案

步骤11

安装干燥盒底

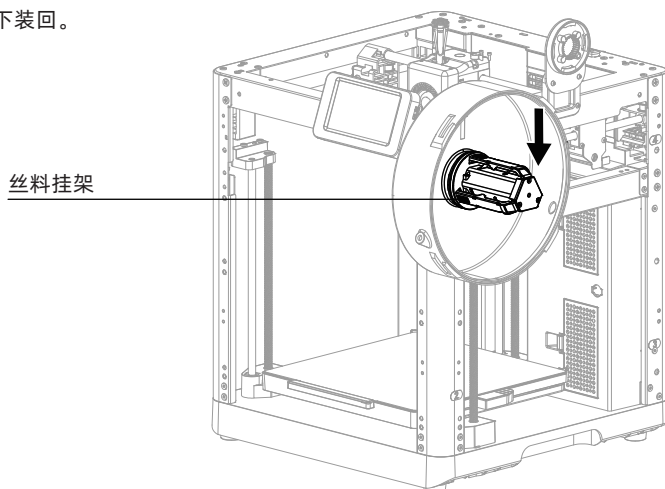
- 1.将丝料挂扣对齐干燥盒底孔位并装入两个螺钉M3x10。
- 2.然后将干燥盒底固定在机器上。



步骤12

安装丝料挂架

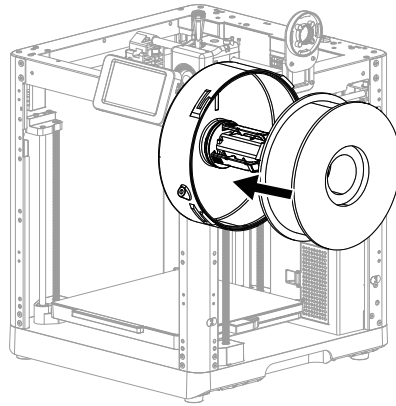
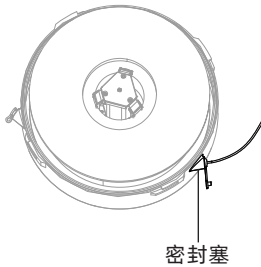
将丝料挂架向下装回。



步骤13

安装丝料挂架

1. 打开密封塞，将丝料由内向外穿过密封塞。
2. 将料盘装入丝料挂架。

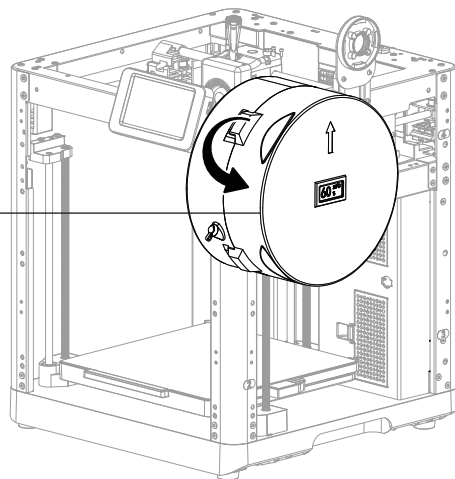


步骤14

安装丝料挂架

将干燥盒顶逆时针装入干燥盒底。

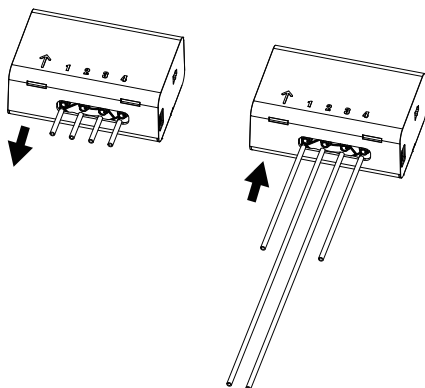
干燥盒顶



步骤15

安装导丝管

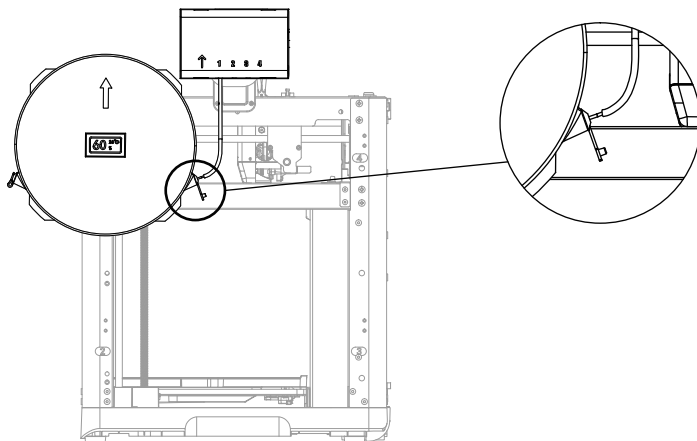
- 1.用手按压导丝管接头卡扣，用老虎钳将旧的导丝管拔出。
- 2.将新的导丝管短装在1、4孔，导丝管长装在2、3孔。



步骤16

安装导丝管

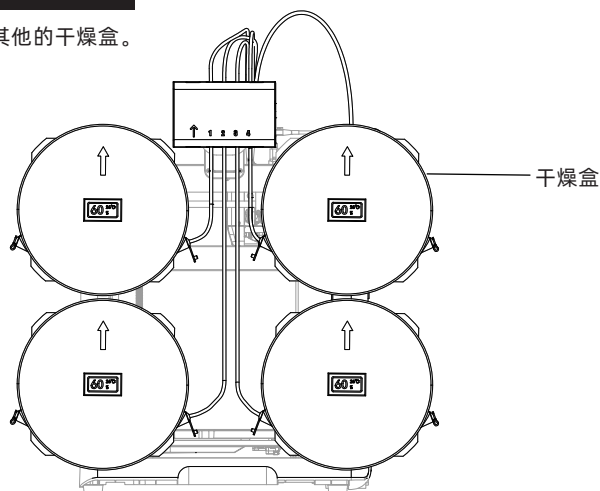
- 1.将IFS主机组件装回。
- 2.将丝料穿过导丝管后送入机器。
- 3.将导丝管插入密封塞，完成干燥盒1的安装。



步骤17

完成其他干燥盒的组装

用同样的方法依次组装其他的干燥盒。

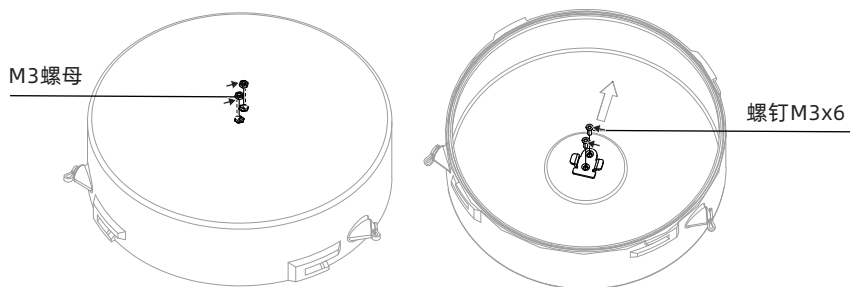


安装方案二：桌面摆放方案

步骤18

安装丝料挂扣

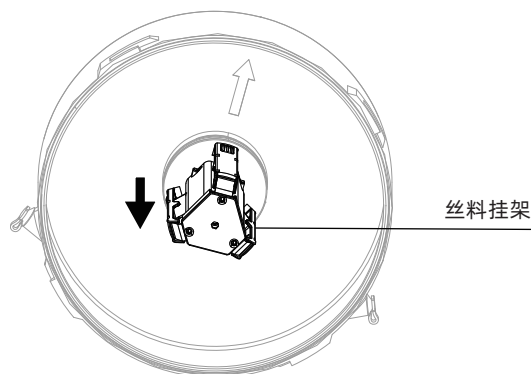
1. 将两颗M3螺母压入干燥盒底槽内。
2. 将丝料挂扣对齐干燥盒底孔位并用两个螺钉M3x6锁紧。



步骤19

安装丝料挂架

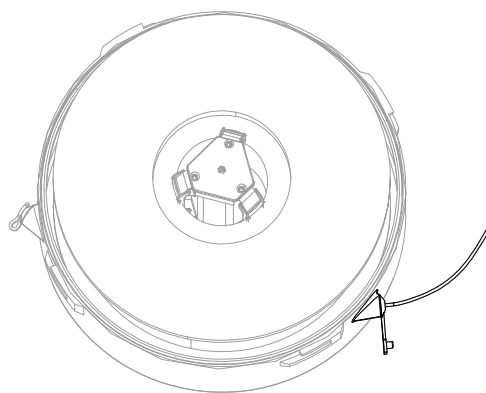
将丝料挂架装回。



步骤20

安装料盘

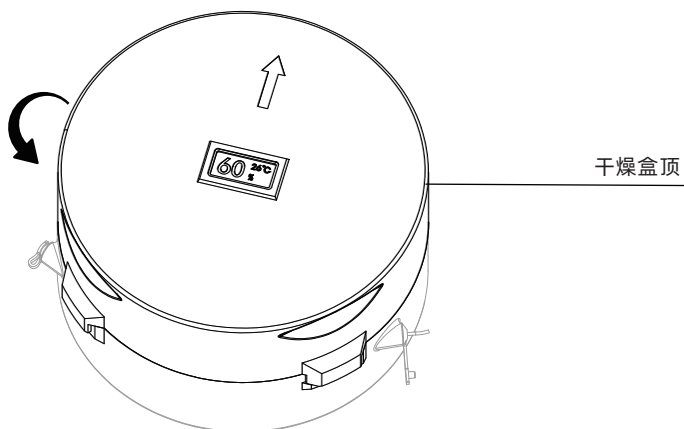
打开密封塞，将丝料由内向外穿过密封塞，并将料盘装入料架。



步骤21

安装干燥盒顶

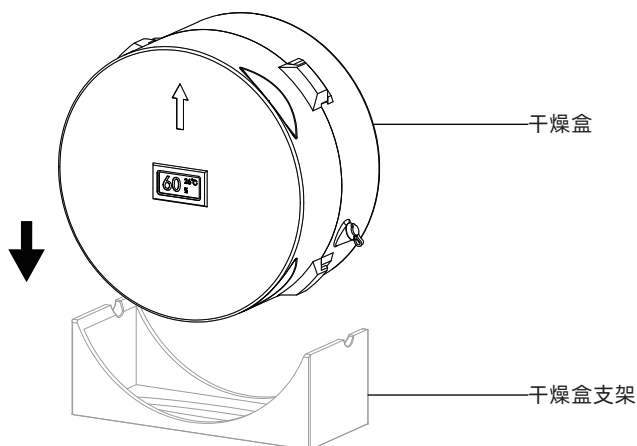
将干燥盒顶逆时针装入干燥盒底。



步骤22

干燥盒摆放到支架上

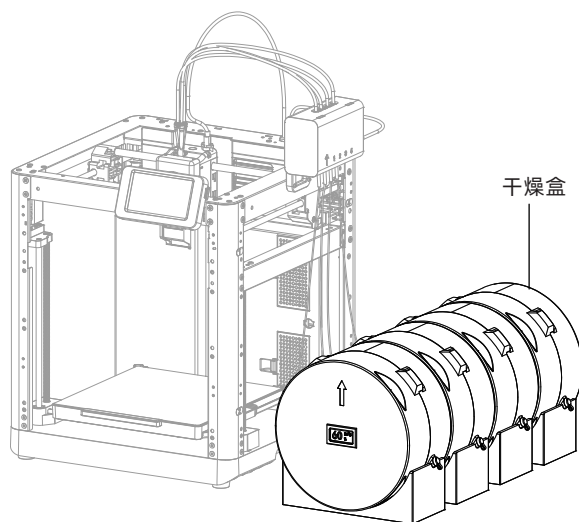
将干燥盒摆放到干燥盒支架上。



步骤23

摆放

用同样的方式组装四套干燥盒，并将其摆放在机器右侧。





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