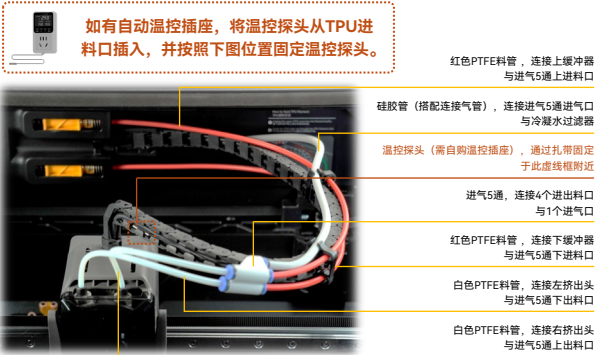


H2 系列适配（需搭配H2进气5通组件安装）

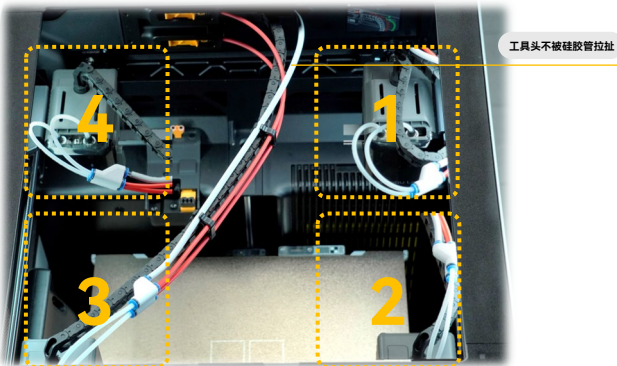
H2D/H2C适配安装示意图

连接与使用步骤

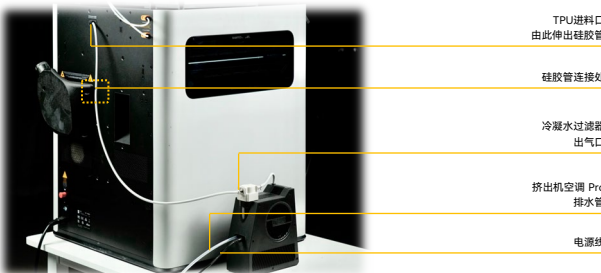
1、取下打印机内的2根PTFE料管，按照图示连接管路 with 进气5通组件。



2、移动工具头，确定工具头移动到打印机的四个边角不被硅胶管拉扯。



3、连接挤出机空调 Pro排水管。通过打印机的TPU进料口将连接气管和硅胶管连接至冷凝水过滤器（出气口），并使用扎带固定连接气管与硅胶管连接处。

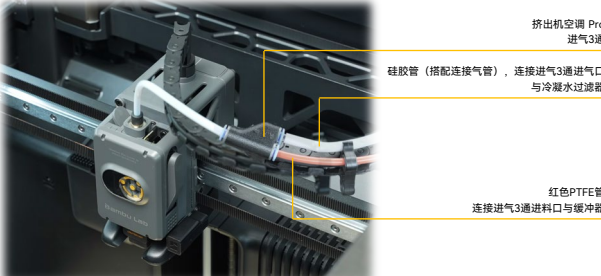


4、接通电源适配器，开启挤出机空调 Pro，开始打印。

H2S适配安装说明（无需使用进气5通）

连接与使用步骤

1、取下打印机内的2根PTFE料管，按照图示连接管路 with 进气3通。



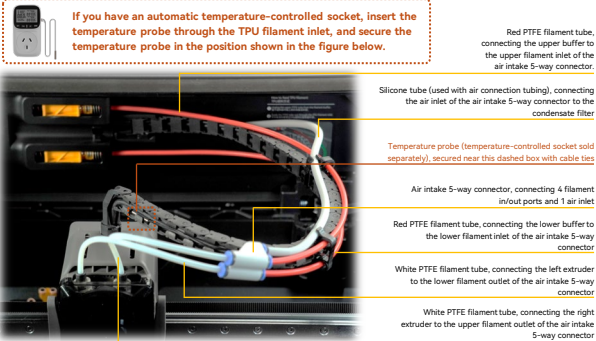
2、其他步骤与H2D安装相同。

H2 Series Compatibility (requires installation with the H2 air intake 5-way connector)

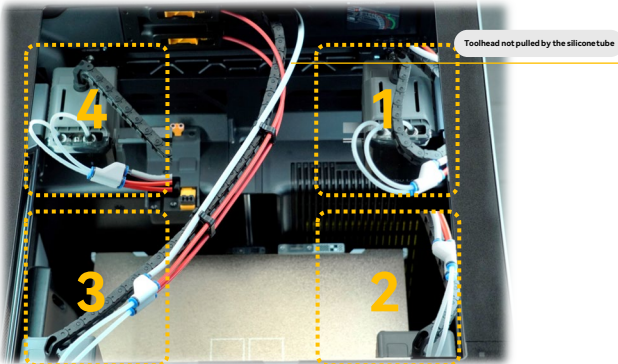
H2D/H2C Compatibility Installation Diagram

Connection and Usage Steps

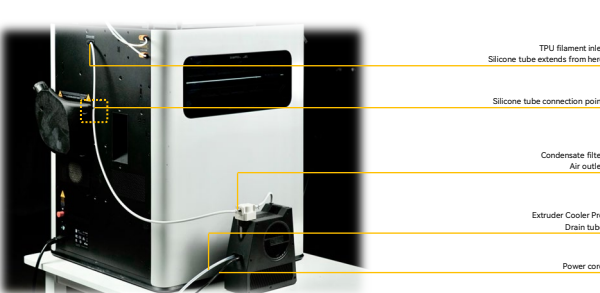
1. Remove the 2 PTFE filament tubes from the 3d printer, and connect the tubing to the air intake 5-way connector as shown in the illustration.



2. Move the toolhead and ensure that the toolhead is not pulled by the silicone tube when moving to all four corners of the printer.



3. Connect the drain tube of the Extruder Cooler Pro. Route the air connection tubing and silicone tube through the printer's TPU filament inlet, connect them to the condensate filter (air outlet), and secure the connection between the air connection tubing and silicone tube with cable ties.

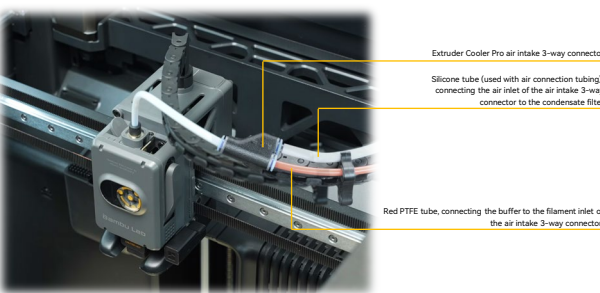


4. Connect the power adapter, turn on the Extruder Cooler Pro, and start printing.

H2S Compatibility Installation Instructions (No air intake 5-way connector required)

Connection and Usage Steps

1. Remove the 2 PTFE filament tubes from the 3d printer, and connect the tubing to the air intake 3-way connector as shown in the illustration.



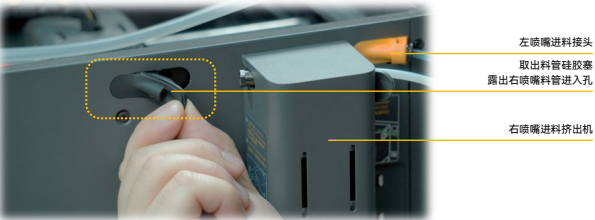
2. Other steps are the same as the H2D installation.

X2D 适配（需搭配X2D进气5通组件安装）

X2D 适配安装示意图

连接与使用步骤

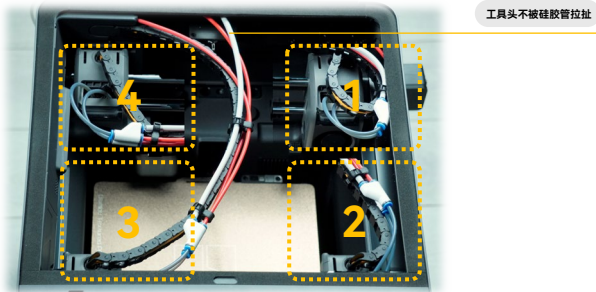
1、取下X2D机箱中的2根PTFE料管，并取出下图料管硅胶塞。



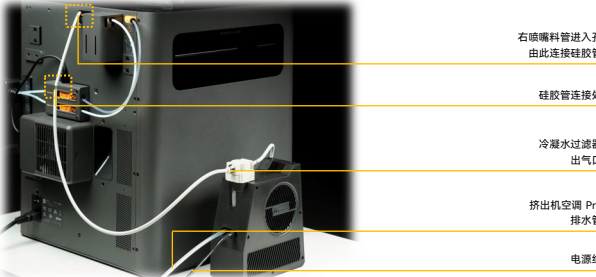
2、按照图示连接管路与进气5通组件。



3、移动工具头，确定工具头移动到打印机的四个边角不被硅胶管拉扯。



4、连接挤出机空调 Pro排水管。通过打印机的右喷嘴料管进入孔将连接气管和硅胶管连接至冷凝水过滤器（出气口），并使用扎带固定连接气管与硅胶管连接处。



5、接通电源适配器，开启挤出机空调 Pro，开始打印。

X2D适配挤出机空调 Pro使用注意事项：

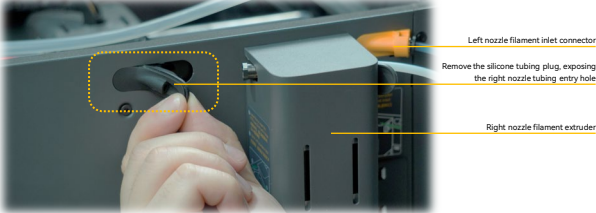
- X2D的右喷嘴为远程挤出，当右喷嘴装载低温耗材时（例如PLA、PVA等），挤出机空调 Pro可防止耗材在料管中软化而导致的挤出堵塞，显著提升封箱长时间打印低温耗材的成功概率。
- 如需在较高仓温下(高于48摄氏度仓温)使用右喷嘴打印PLA，建议使用Polymaker品牌PLA，以避免因右热端风扇散热不足而导致的右喷嘴挤出堵塞。
- 后续MartilloTech将通过对右喷嘴风扇配件更换/改装的方式提供付费升级服务，以达到左右双喷嘴可同时实现高仓温打印低温耗材的效果，敬请期待！

X2D Compatibility Installation Diagram

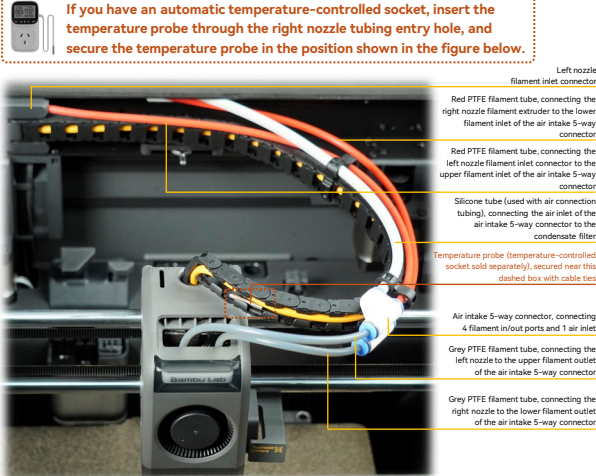
X2D Compatibility Installation Diagram

Connection and Usage Steps

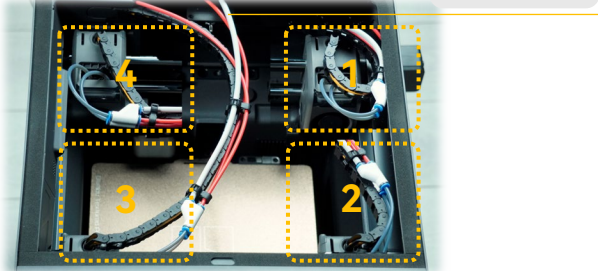
1. Remove the 2 PTFE filament tubes from the X2D chamber, and take out the silicone tubing plugs as shown in the figure below.



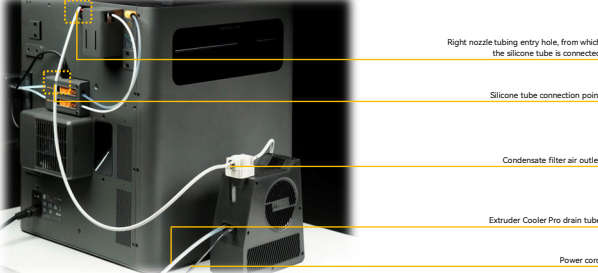
2. Connect the tubing to the air intake 5-way connector as shown in the illustration.



3. Move the toolhead and ensure that the toolhead is not pulled by the silicone tube when moving to all four corners of the printer.



4. Connect the drain tube of the Extruder Cooler Pro. Route the air connection tubing and silicone tube through the printer's right nozzle tubing entry hole, connect them to the condensate filter (air outlet), and secure the connection between the air connection tubing and silicone tube with cable ties.



5. Connect the power adapter, turn on the Extruder Cooler Pro, and start printing.

X2D Compatibility Usage Precautions for the Extruder Cooler Pro:

The right nozzle of the X2D is a remote extruder. When the right nozzle is loaded with low-temperature filament (e.g., PLA, PVA, etc.), the Extruder Cooler Pro can prevent filament softening in the tube that causes extrusion clogging, significantly improving the success rate of long-duration enclosed printing with low-temperature filament. If you need to print PLA with the right nozzle at a relatively high chamber temperature (above 48°C chamber temperature), it is recommended to use Polymaker brand PLA to avoid right nozzle extrusion clogging caused by insufficient cooling from the right hotend fan. In the future, MartilloTech will provide a paid upgrade service by replacing/modifying the right nozzle fan accessory to achieve the effect of both left and right nozzles simultaneously printing low-temperature filament at high chamber temperatures. Stay tuned!

P2S/P1S/X1C 适配（使用包装内附赠配件安装）

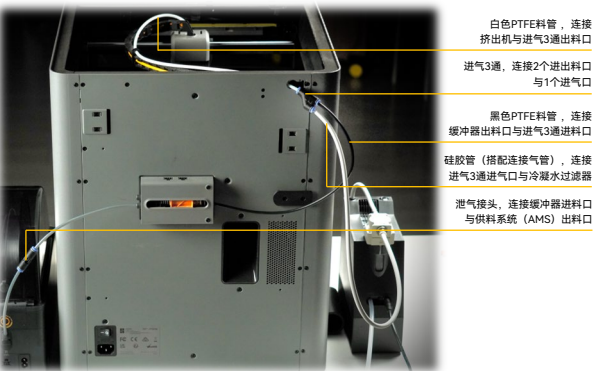
P2S 适配安装示意图

连接与使用步骤

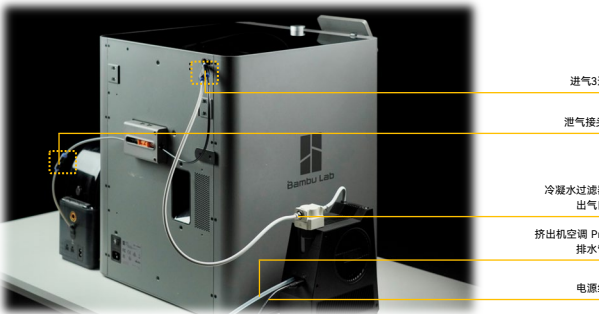
- 1、取下P2S缓冲器右侧的PTFE料管与进料管接头。



- 2、取出打印机内原PTFE料管，按照图示安装适配的PTFE料管并安装进气3通组件。
注意：打印机原进料管接头无法密封气流路径，需替换为进气3通，以避免冷气泄露



- 3、连接挤出机空调 Pro排水管，使用连接气管和硅胶管连接进气三通至冷凝水过滤器（出气口），并使用扎带固定连接气管与硅胶管连接处。



- 4、接通电源适配器，开启挤出机空调 Pro，开始打印。

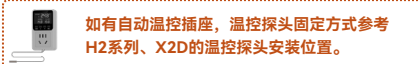
P1S/X1C 适配安装说明

连接与使用步骤

- 1、取出原打印机内的PTFE料管，安装适配的PTFE料管。



- 2、其他步骤与P2S安装相同。



P2S/P1S/X1C Compatibility (Install using the accessories included in the package)

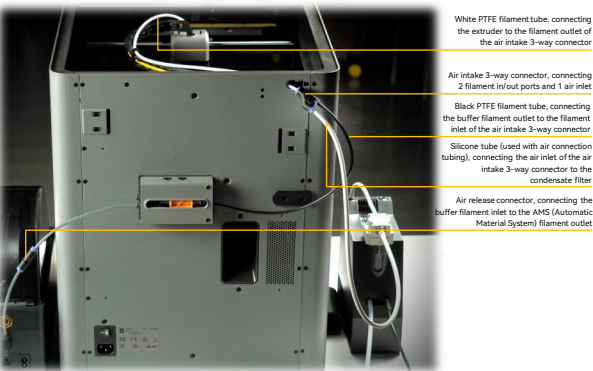
P2S Compatibility Installation Diagram

Connection and Usage Steps

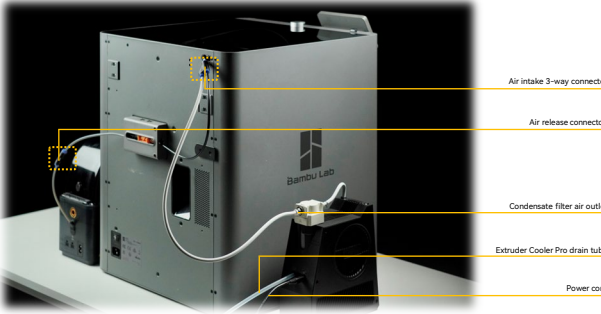
1. Remove the PTFE filament tube and the filament inlet connector from the right side of the P2S buffer.



2. Remove the original PTFE filament tube from the printer, install the compatible PTFE tube and the air intake 3-way connector as shown in the illustration.
Note: The printer's original filament inlet connector cannot seal the air flow path. It must be replaced with the air intake 3-way connector to avoid cold air leakage.



3. Connect the drain tube of the Extruder Cooler Pro. Use the air connection tubing and silicone tube to connect the air intake 3-way connector to the condensate filter (air outlet), and secure the connection between the air connection tubing and silicone tube with cable ties.

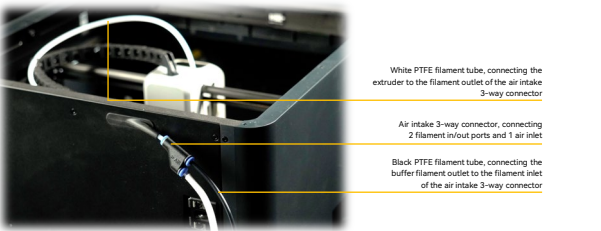


4. Connect the power adapter, turn on the Extruder Cooler Pro, and start printing.

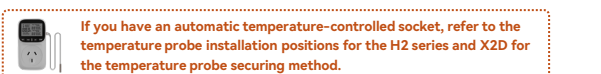
P1S/X1C Compatibility Installation Instructions

Connection and Usage Steps

1. Remove the original PTFE filament tube from the printer, and install the compatible PTFE tube.



2. Other steps are the same as the P2S installation.



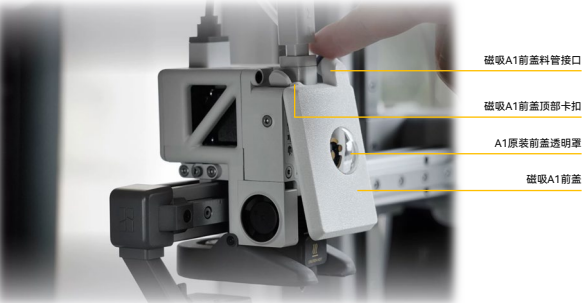
A1/A1 mini 适配（需搭配磁吸A1前盖组件）

A1/A1 mini 适配安装示意图

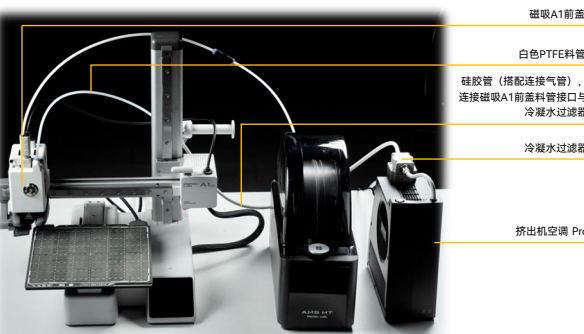
连接与使用步骤

1、取下A1/A1 mini的工具头前盖，将MartilloTech磁吸A1前盖安装至工具头上（先扣上前盖顶部卡扣，再磁吸闭合安装）。

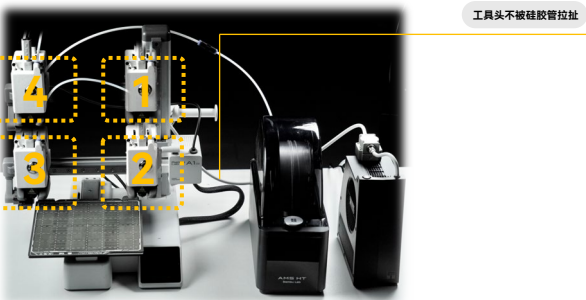
注意： MartilloTech磁吸A1前盖兼容原装前盖透明罩，可小心取下原装前盖的透明罩，再将透明罩卡入MartilloTech磁吸A1前盖。



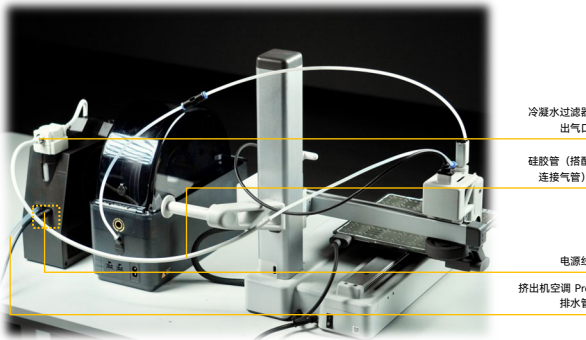
2、参考下图，使用白色PTFE料管插入MartilloTech磁吸A1前盖料管接口，随后使用连接气管和硅胶管连接此料管至冷凝水过滤器（出气口）。



4、使用扎带整理管路，确认工具头移动到右上、右下、左下、左上四个极限位置时，工具头不会被硅胶管拉扯。



3、连接挤出机空调 Pro排水管。接通电源适配器，开启挤出机空调 Pro，开始打印。



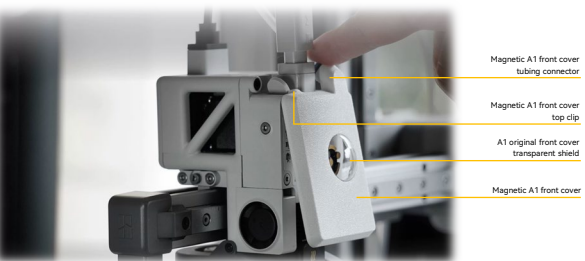
A1/A1 mini Compatibility (requires the magnetic A1 front cover assembly)

A1/A1 mini Compatibility Installation Diagram

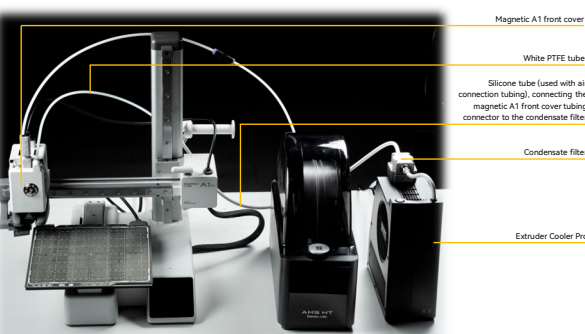
Connection and Usage Steps

1. Remove the toolhead front cover of the A1/A1 mini, and install the MartilloTech magnetic A1 front cover onto the toolhead (first hook the top clip of the front cover, then close it magnetically to secure).

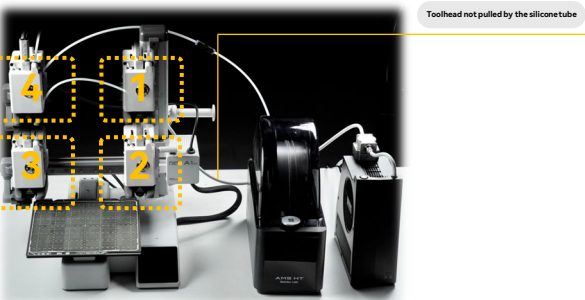
Note: The MartilloTech magnetic A1 front cover is compatible with the original front cover transparent shield. You can carefully remove the transparent shield from the original front cover, and then snap the transparent shield into the MartilloTech magnetic A1 front cover.



2. Referring to the figure below, insert a white PTFE tube into the MartilloTech magnetic A1 front cover tubing connector, then use the air connection tubing and silicone tube to connect this tube to the condensate filter (air outlet).



3. Use cable ties to tidy up the tubing, and confirm that the toolhead is not pulled by the silicone tube when moving to the four extreme positions: upper right, lower right, lower left, and upper left.



4. Connect the drain tube of the Extruder Cooler Pro. Connect the power adapter, turn on the Extruder Cooler Pro, and start printing.

