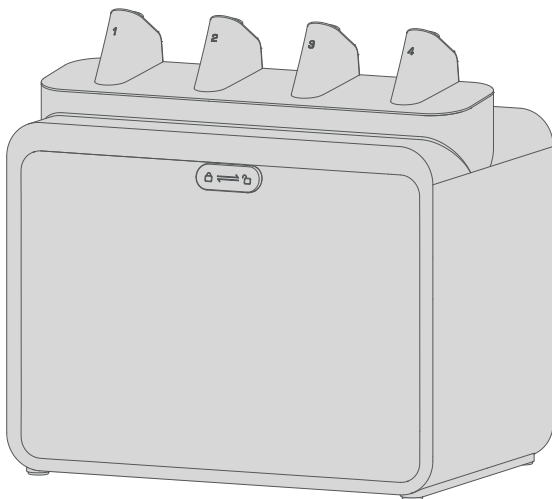


Quick Start Guide

CFS lite



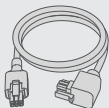
Please read this guide carefully before using the product.

Note: Do not power on the printer before installation is complete.

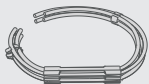
1 / Packing List



❶ CFS lite



❷ 6-pin 485 cable



❸ PTFE tube (for CFS lite)



❹ PTFE tube (Spare)



❺ Desiccant

* The above list is for reference only. Please refer to the actual items received.

2 / Install the CFS lite

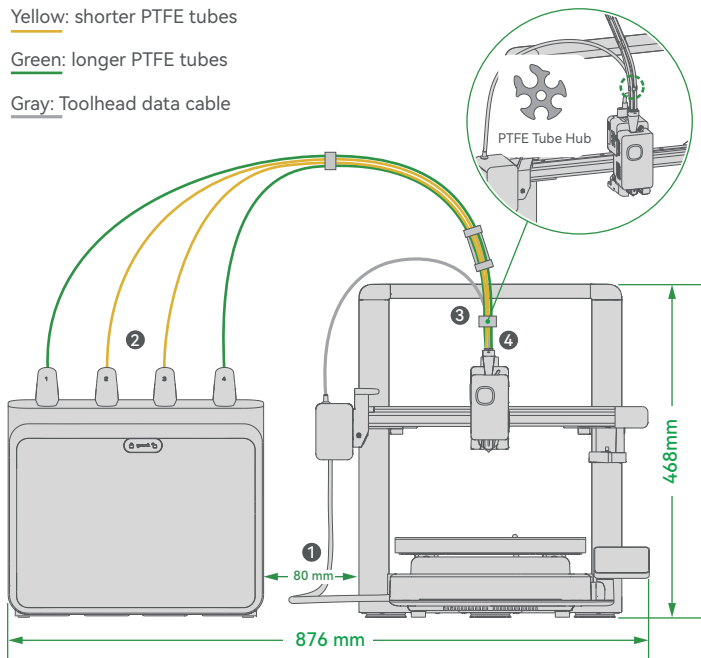
2.1 Connect the Printer and CFS lite

- 1 Place the CFS lite on the left side of the i7. The recommended distance between the CFS lite and i7 is 80 mm, as shown.
- 2 As shown, insert the two longer PTFE tubes into ports 1 and 4 on both sides of the CFS lite, and the two shorter PTFE tubes into the middle ports 2 and 3. Please ensure they are fully inserted.
- 3 Clip the Toolhead data cable into the tube hub.
Note: Do not skip this step to avoid damage during use.
- 4 Insert the other ends of the four PTFE tubes into the Toolhead filament hub.

Yellow: shorter PTFE tubes

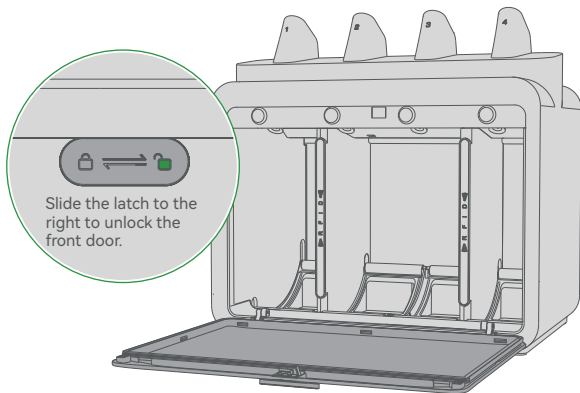
Green: longer PTFE tubes

Gray: Toolhead data cable

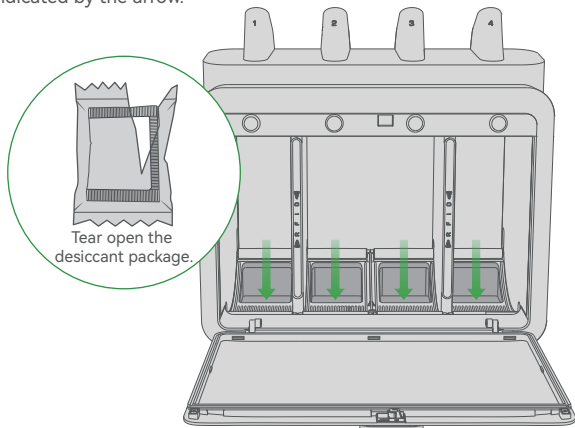


2.2 Place the Desiccant

- 1 Unlock the front door latch and open the front door of the CFS lite forward.

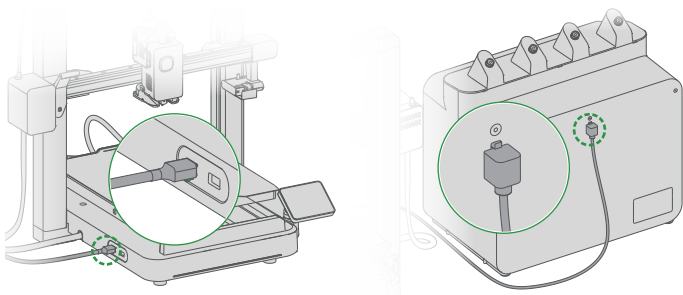


- 2 Tear open the desiccant package and place the desiccant at the position indicated by the arrow.

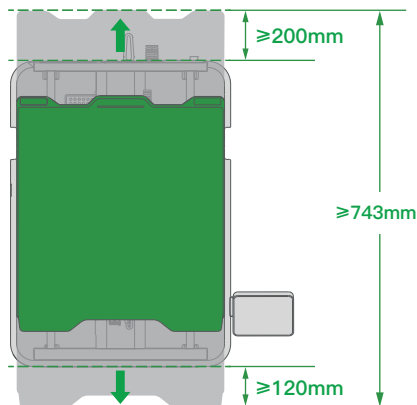


2.3 Power On

- 1 Use the 6-pin 485 connection cable to connect the i7 and CFS lite.



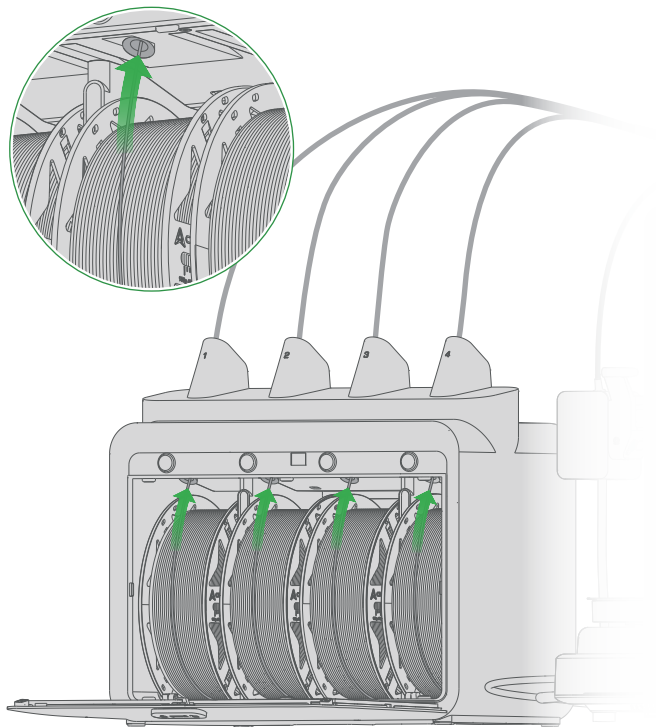
- 2 Please leave enough space to avoid collision with the heated bed.



3 / First Print Experience

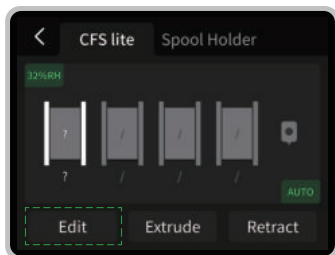
3.1 Printing with CFS lite

- 1 Insert the filament into the CFS lite feed port, and it will automatically load.

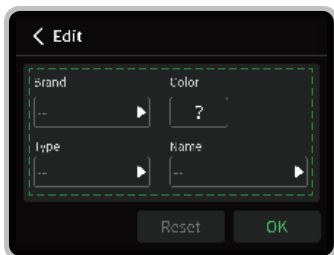


2 Go to the Filament page and tap the Edit button to modify filament information.

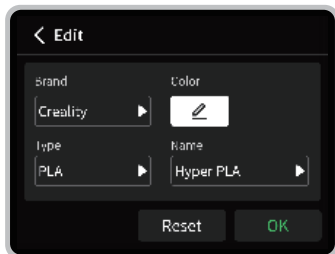
* If using non-RFID filament, you need to set the parameters manually:



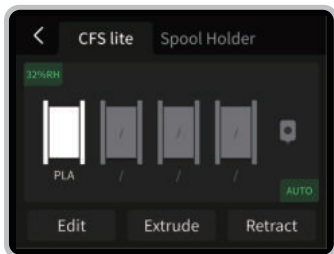
a. When the filament shows a question mark, tap Edit.



b. Set the Brand – Color – Type – Name of the filament.

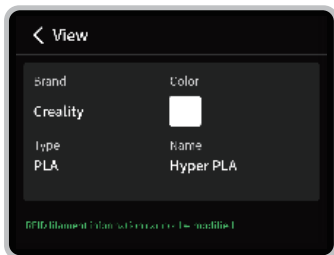
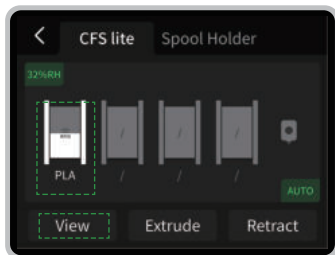


c. After completing the filament information setup, click Confirm.



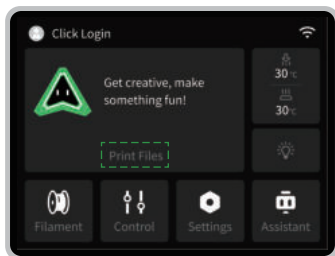
d. The filament parameters are now set.

* If using RFID filament, CFS lite will automatically recognize the filament information. Tap View to check filament details:

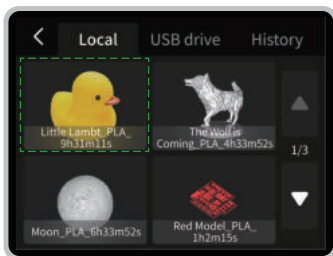


3.2 Start Printing

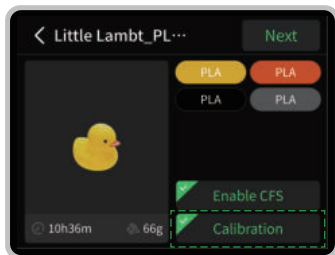
* Before printing, ensure the print plate is placed flat and free of debris.



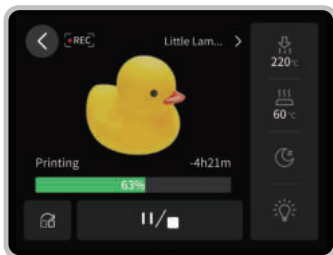
① On the Home page, tap Print File.



② Select the model you want to print.



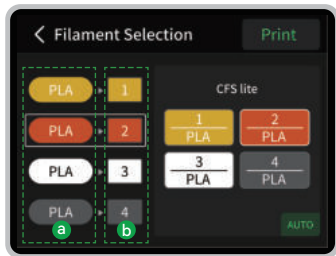
③ Tap Print (It is recommended to enable the Print Calibration option).



④ Wait patiently for the printing to complete. (After printing, allow the print bed to cool down completely before removing the model.)

3.3 CFS lite Filament Mapping Instructions

For multi-color printing, you need to map the actual filament to the filament set in the print file.



- a** Represents the filament set in the print file.
- b** Represents the actual filament in use.



It is recommended to use actual filament colors as close as possible to the ones defined in the print file, otherwise purging results may be affected.

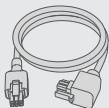
4 / Technical Specifications

Item		Specification
Basic Information	Model	CFS lite
	Body Material	Plastic
	Rated Power	10W
	Input Voltage	DC 24V
	Physical Dimensions (W×D×H)	362*227*364mm ³
	Net Weight	3.44kg
	Ports	Crealty 485 6pin
	Compatible Models	SPARKX i7
Supported Filament	Filament Spool Size	Outer Diameter of 197-202mm Thickness of 42-68mm
	PLA/PLA-Silk/PLA-CF/PETG	Supported
Feature Configuration	Multi-Color Printing	Supported
	Auto Load/Unload	Supported
	Automatic Refill	Supported
	RFID Filament Detection	Supported, Can Identify Crealty RFID Filament

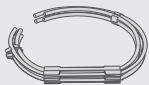
1 / 包装清单



❶ CFS lite



❷ 6pin 485连接线



❸ 铁氟龙管(CFS lite)



❹ 铁氟龙管(备用)



❺ 干燥剂

* 以上清单仅供参考，请以实物为准。

2 / 安装机器

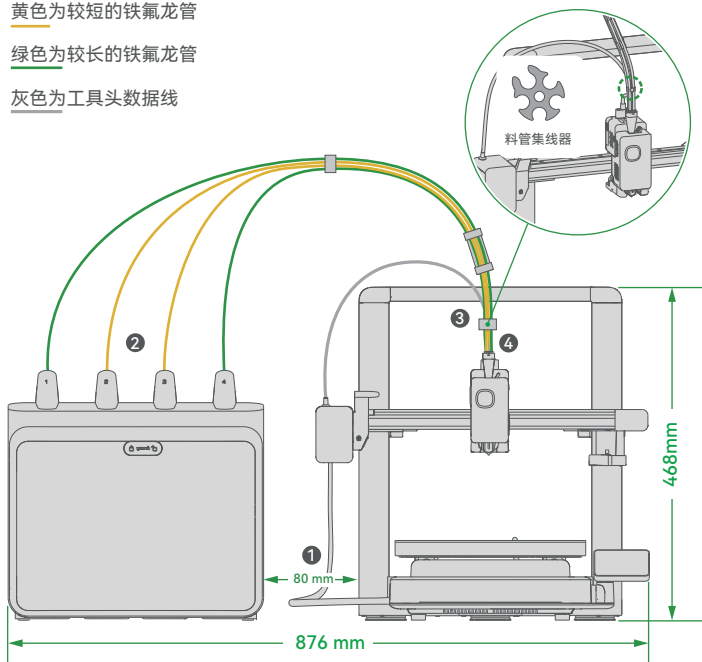
2.1 连接打印机与CFS lite

- ① 将CFS lite放在i7 的左侧，推荐CFS lite与i7之间的距离为80mm，如图所示；
- ② 如图所示，将两根较长的铁氟龙管插入CFS lite两侧的1、4进料口，两根较短的铁氟龙管插入中间的2、3进料口，请确保插入到位；
- ③ 将工具头数据线卡入料管集线器中；
*注意：请勿跳过此步骤，避免使用时损坏；
- ④ 将四根铁氟龙管另一端插入工具头五通。

黄色为较短的铁氟龙管

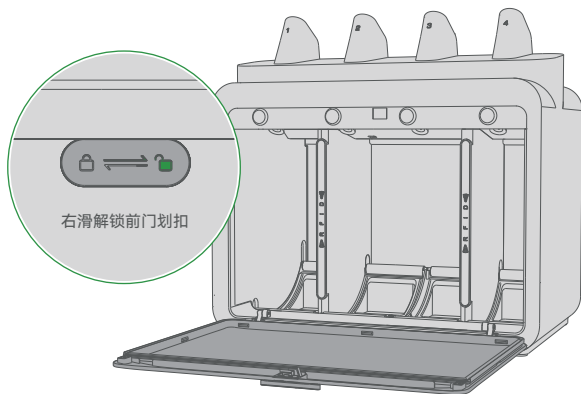
绿色为较长的铁氟龙管

灰色为工具头数据线

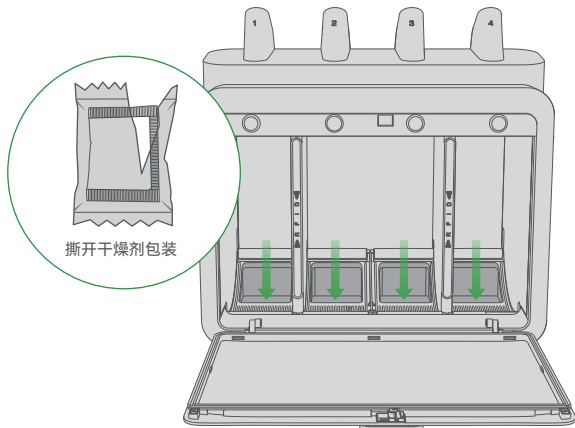


2.2 放置干燥剂

❶ 解锁前门划扣，向前打开CFS lite的前门；

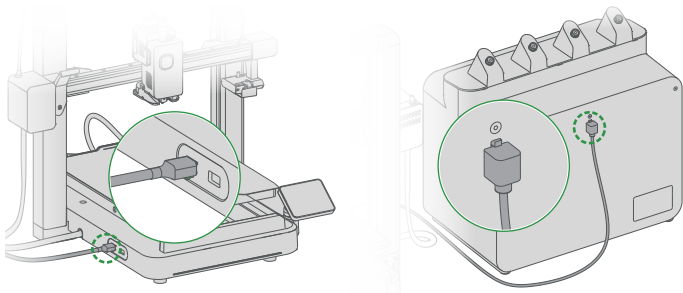


❷ 撕开干燥剂包装，将干燥剂放置于箭头所指位置。

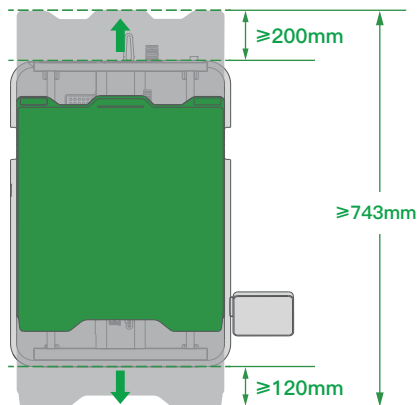


2.3 通电

❶ 使用6pin 485连接线连接i7与CFS lite;



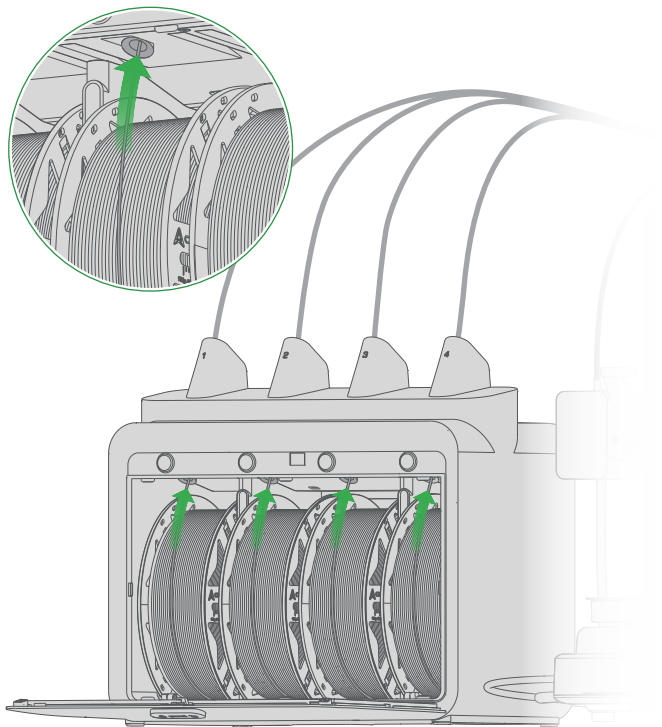
❷ 请预留足够的空间，避免热床发生碰撞；



3 / 首次打印体验

3.1 使用CFS lite打印

❶ 将耗材放入CFS lite，插入进料口即可自动上料；



② 进入耗材页面编辑耗材信息，点击“编辑”按钮对耗材信息进行编辑；

* 若使用非RFID耗材，需手动设置耗材参数：



a. 耗材显示为问号，点击“编辑”；



b. 点击设置耗材品牌-颜色-类型-名称；

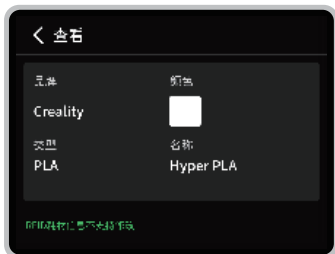


c. 耗材信息设置完成后，点击确定；



d. 耗材参数设置完成。

* 若使用RFID耗材，CFS lite可自动识别耗材信息，点击“查看”按钮可查看耗材的信息：



3.2 开始打印

* 打印前请确保打印板平稳放置，且打印板上没有任何杂物；



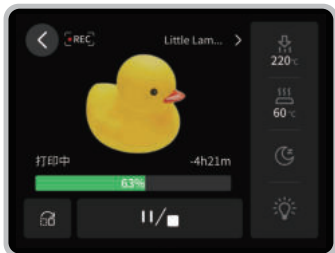
① 主页点击“打印文件”；



② 选择您想打印的模型；



③ 点击“打印”；（*推荐勾选“打印校准”选项）



④ 耐心等待打印完成即可。（*打印结束后，请等待打印板充分冷却再取下模型）

3.3 CFS lite 耗材映射说明

多色打印时，需要将你的实际耗材与打印文件设置耗材进行映射。



a 表示打印机文件设置耗材；

b 表示实际使用耗材。



建议尽可能使用与设定耗材颜色相近的实际耗材，否则可能影响冲刷效果。

4 / 技术参数

项目		参数
基础信息	产品型号	CFS lite
	材质	塑胶
	额定功率	10W
	电源输入	DC 24V
	产品尺寸	362*227*364mm ³
	产品净重	3.44kg
	预留接口	6 pin 485接口
	适用机型	SPARKX i7
耗材支持	耗材料盘尺寸	料盘外径197-202mm 料盘厚度42-68mm
	PLA/PLA-Silk/PLA-CF/PETG	支持
功能配置	多色打印	支持
	自动进退料	支持
	自动续料	支持
	耗材识别	支持，可识别Creality RFID耗材

