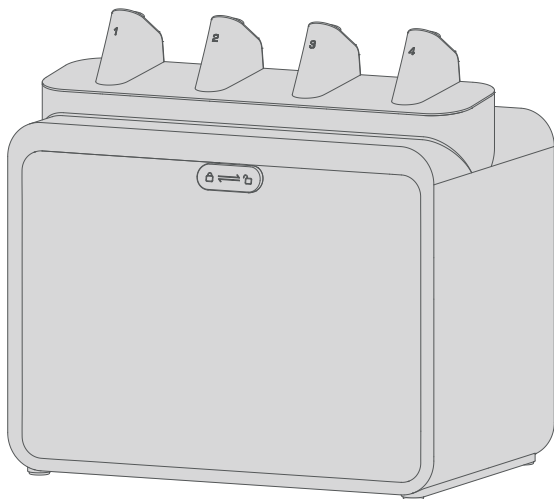


Quick Start Guide

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



① CFS lite



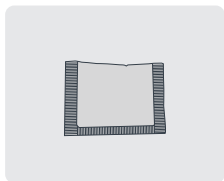
② 6-pin 485 cable



③ PTFE tube (for CFS lite)



④ PTFE tube (Spare)



⑤ Desiccant

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

2 / Install the CFS lite

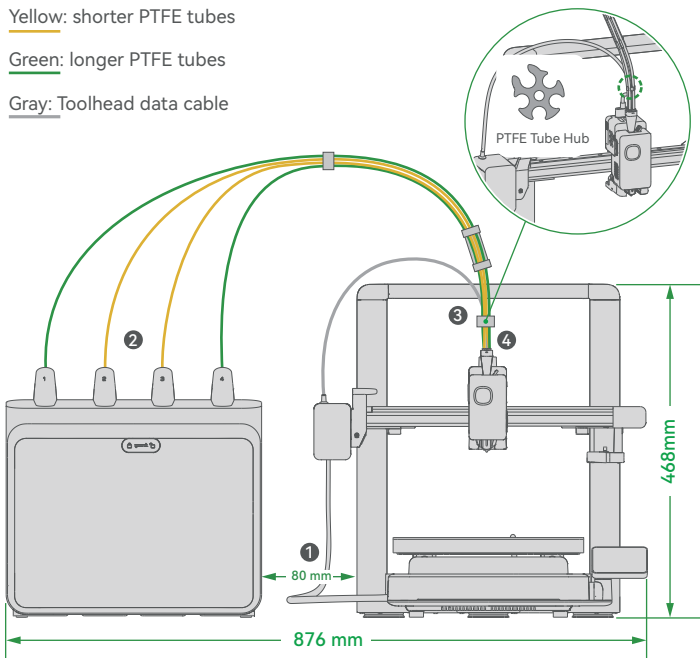
2.1 Connect the Printer and CFS lite

- 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.
- 4 Insert the other ends of the four PTFE tubes into the Toolhead filament hub.

Yellow: shorter PTFE tubes

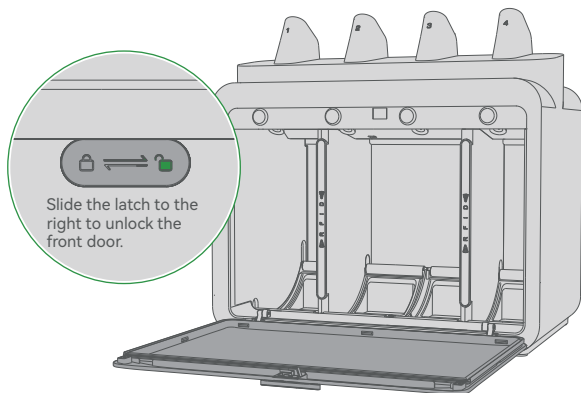
Green: longer PTFE tubes

Gray: Toolhead data cable

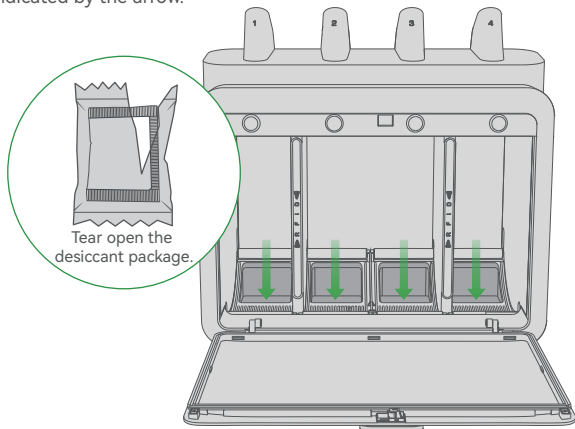


2.2 Place the Desiccant

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

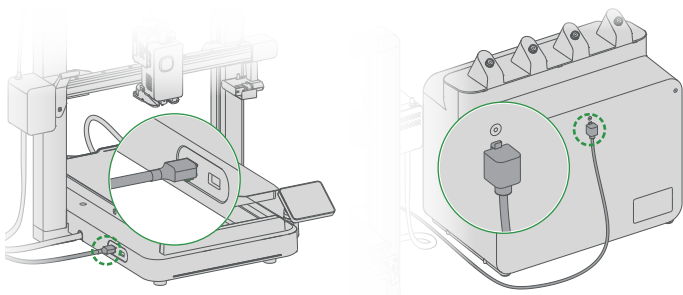


- 2 Tear open the desiccant package and place the desiccant at the position indicated by the arrow.

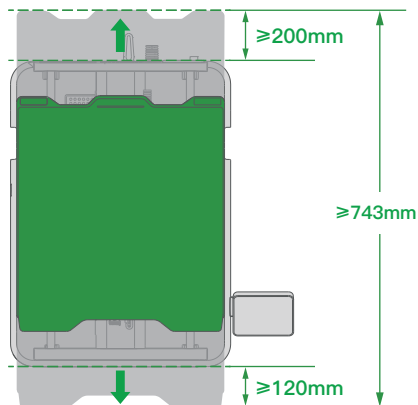


2.3 Power On

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



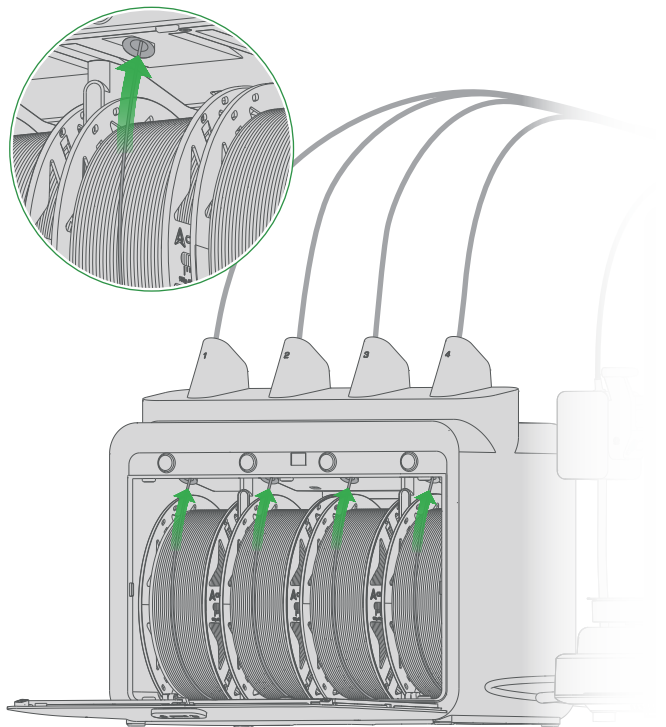
- 2 Please leave enough space to avoid collision with the heated bed.



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.



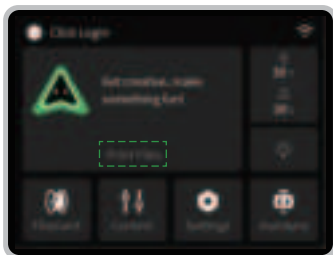
d. The filament parameters are now set.

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

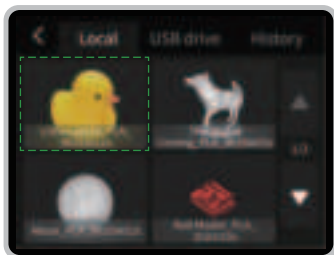


3.2 Start Printing

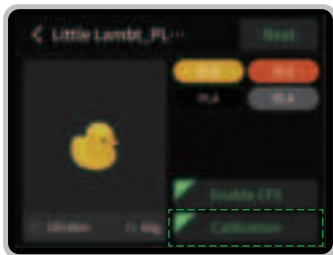
* Before printing, ensure the print plate is placed flat and free of debris.



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	Creality 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 Creality RFID Filament

SPARKX
Powered by Creality