

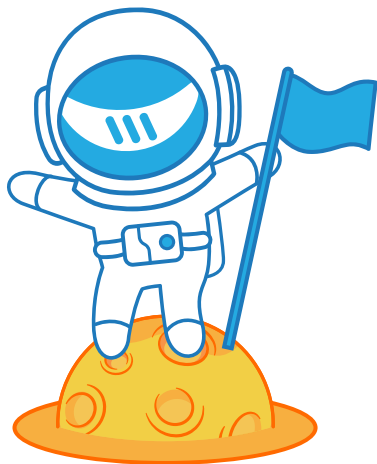


Sain SMART
PRINTYGO

USER GUIDE



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Important Notice

Thank you for choosing SainSmart's product. Please read this manual carefully before use and strictly follow the instructions in it. Once you use this product, it means that you have carefully read and accepted the following safety precautions.

The SainSmart Team is committed to providing you with high-quality service. If you encounter any issues during use, please communicate with us according to the contact information provided at the end of the manual.

The interpretation and amendment rights of this manual belong to the Kidoodle Team.

Safety Precautions

- Please use this product according to the methods described in the manual to avoid accidents resulting in personal injury and property damage.
- Place the product in a dry and cool area, away from flammable or explosive materials or sources of high heat.
- Position the printer on a flat surface to prevent shaking during the printing process, which may affect the quality of the printed model.
- Use the provided power adapter and avoid using other product power cords to prevent damage to the machine.
- During the printing process, please do not place any part of your body close to the moving nozzle or printing platform.
- Do not use printed models for containing food.
- Do not disassemble the machine yourself; If a fault occurs, please contact the official after-sales personnel.
- Use recommended filament from the manufacturer to avoid compromising print quality.
- Regularly maintain the product by cleaning residual material in the printing chamber and checking for foreign objects on the belts when the power is off.

*** For children under 6 years old, please activate "Child Mode" and supervise the use of the machine by adults to prevent personal injury. If any user fails to operate in accordance with the above contents, our company will not be liable for the relevant legal responsibilities.**



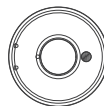
01 Packing List



Phillips Screwdriver ×1



Power Adapter ×1



250g Filament ×1



Leveling Paper ×1



User Manual ×1



Tweezers ×1



Platform Glue ×1



Tension Spring ×1

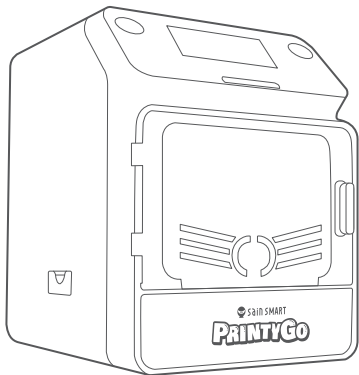


Silicone Hose ×1

Please check whether the accessories are complete when you receive them. If any items are missing, please contact support@sainsmart.com.



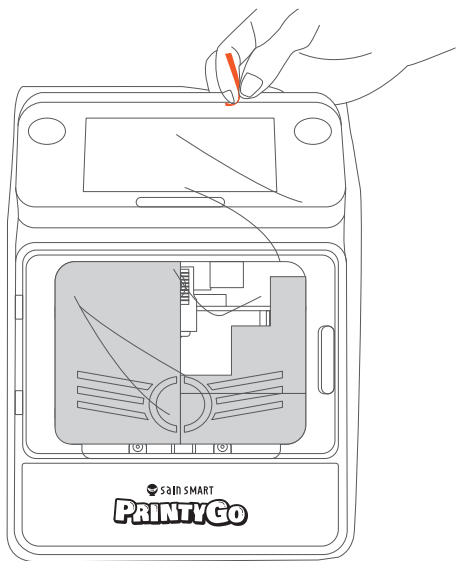
02 Product Parameters



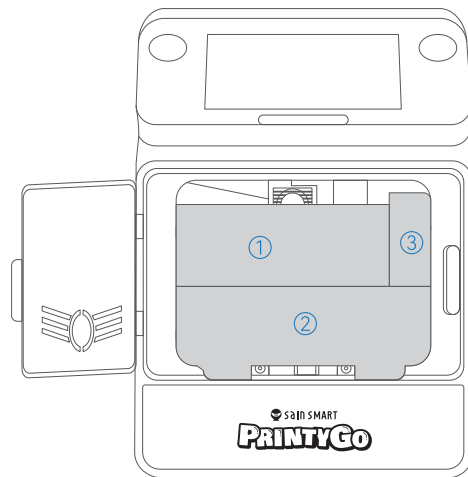
Product Name	SainSmart PrintyGo Mini 3D Printer
Product Model	PrintyGo
Product Size	195*275*270mm
Print Size	100*100*90mm
Touchscreen Resolution	480*854
Adapter Input Voltage	AC 100V-240V~50/60HZ
Adapter Output Voltage	DC 24V±1.2V, 2.75A 64.8W
Number of Nozzles	Single Nozzle
Nozzle Heating Temp	190°C-250°C
Nozzle Outlet Diameter	0.4mm
Layer Thickness	0.1-0.2mm
Slice File Support	.gcode Format File
N.W.	2.5KG
Slicing Software	Cura, Orca
Printing Filament	PLA-Meta, PLA-Highspeed



03 Unboxing Instructions

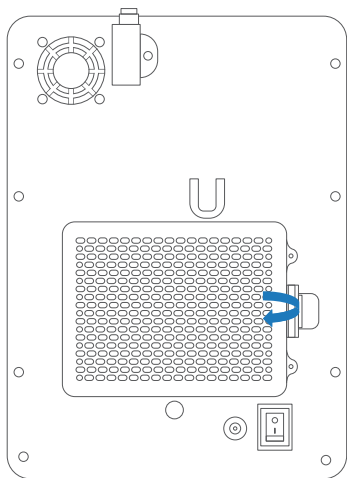


1. Unbox the printer from the color box, remove the adhesive sticker, and take out the protective bag.

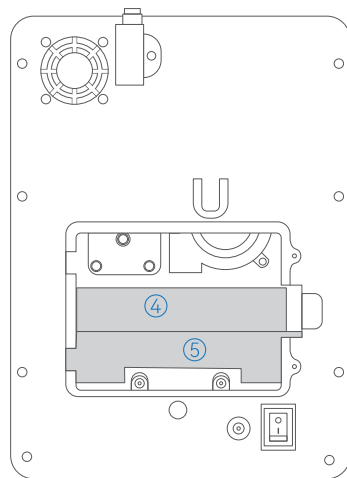


2. Open the safety door and take out protective cotton blocks numbered ①, ②, and ③ respectively.



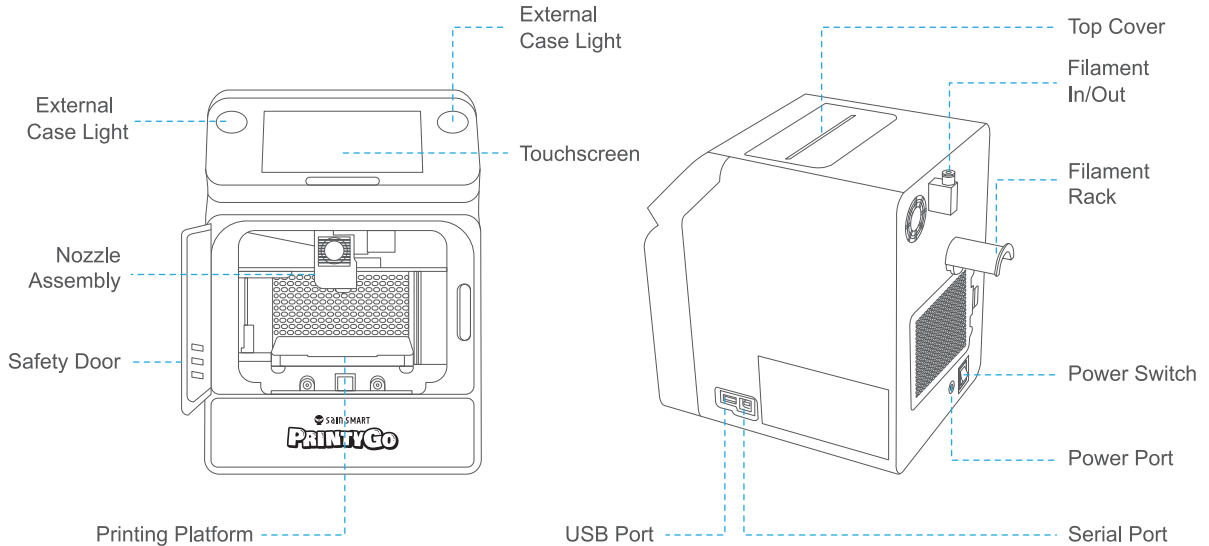


3. Flip the printer over and open the rear cover.



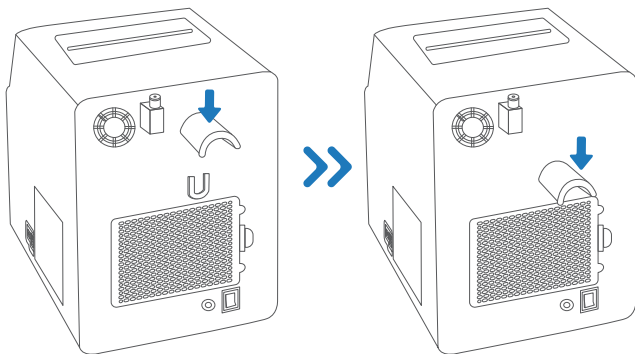
4. Remove protective cotton blocks numbered ④ and ⑤ respectively. Close the rear cover to complete unboxing.

04 Component Description

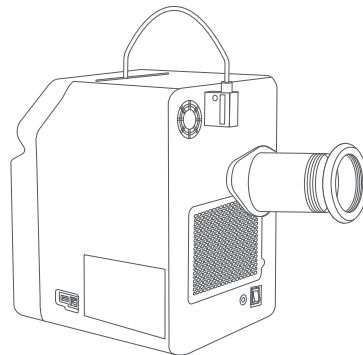


05 Printer Assembly

✦ 5.1 Filament Rack Assembly



Insert the filament rack downward into the latch on the back of the printer.

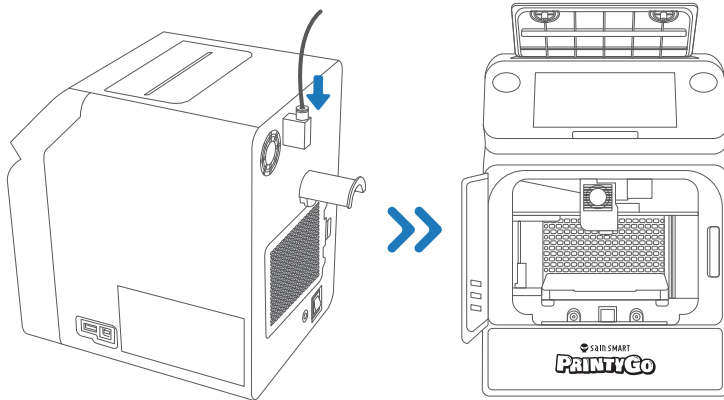


* The packaging comes with a filament rack capable of loading 250g filament. If you need to use 1kg filament, you can print a 1kg rack from the 'Local Model Library' on the printer.

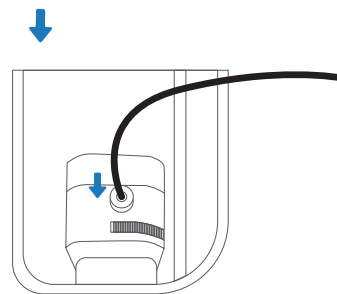


◆ 5.2 PTFE Tube Installation

1. Insert one end of the PTFE tube into the inlet.
2. Insert the other end of the PTFE tube into the nozzle.



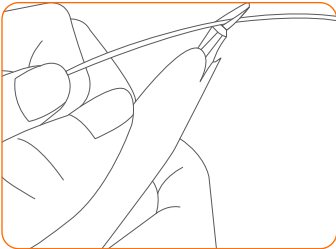
Open the safety door, open the cover, and thread the PTFE tube through the gap in the top cover.



Insert the PTFE tube into the nozzle.

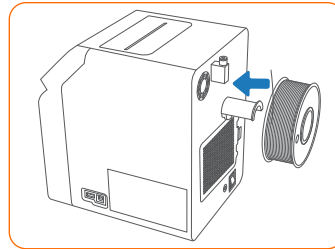


◆ 5.3 Loading Filament



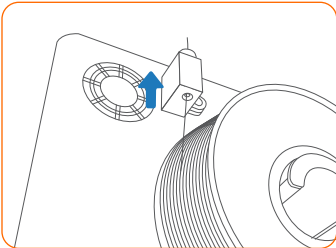
1

Take out the supplied filament and trim the head at a 45° angle.



2

Hang the filament on the filament rack.



3

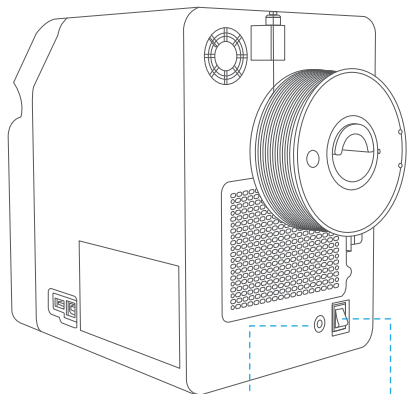
Insert one end of the filament into the feeder and push the filament forward until it can no longer advance.

*It is recommended to use the provided quick print PLA for the first print.



06 Printing Guide

6.1 Power on



Turn on the power switch

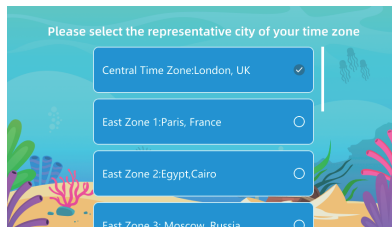
Connect the power adapter.

6.2 Initialization Settings

Please follow the instructions to complete the initialization settings.



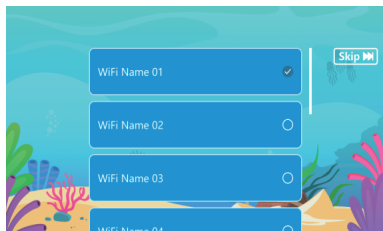
1 Select the printer system language.



2 Select a time zone city for automatic time calibration.

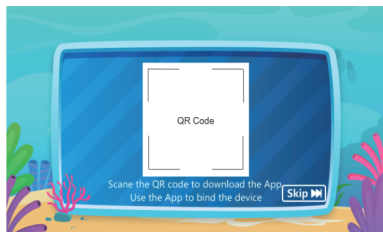


◆ 6.2 Initialization Settings



3

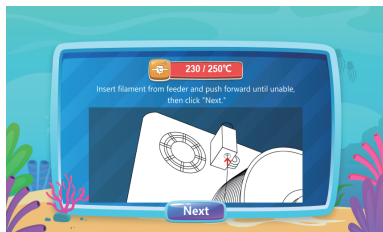
Select WiFi for network connection settings.



4

Use the App to scan the QR code displayed on the printer screen to bind.

*This step requires the printer to be connected to the internet; otherwise, the printer will be unable to generate the verification code.



5

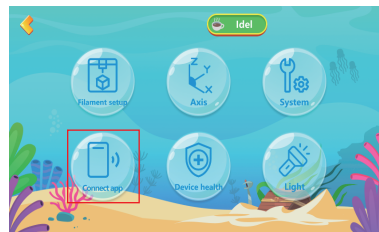
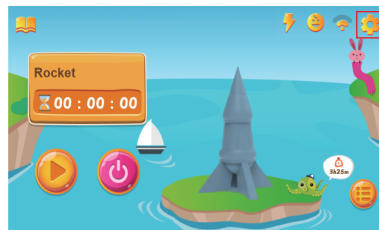
Wait for preheating to complete.

* Note:

Register a App account to connect the printing device.

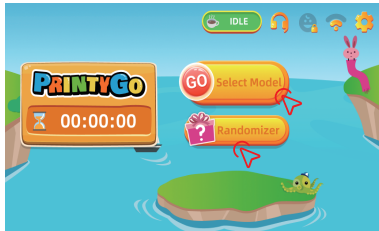
One account can be bound to multiple printers. Each printer can only be bound to one account. If you need to modify the account bound to the printer, you must first unbind the device within the account.

For connecting a new printing device, follow this path: Home - Settings - App Connection. Connect by scanning the device's displayed QR code through the App.



6.3 Print Your First Model

6.3.1 Select Model



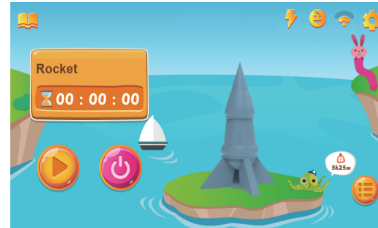
1
Click on "Randomizer" or click on "Select Print Model".



2
Click on the house icon and then select the model icon you want to print on the right side.



3
Click "Start Print".



4
Wait patiently for the printing process to complete and finish your first creation

* Note:

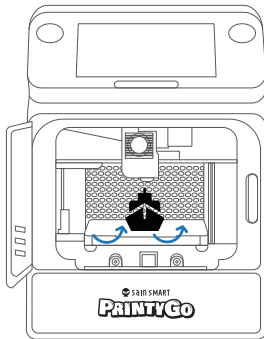
- The printing process is accompanied by rapid movement of the nozzle, so please do not open the door.
- Do not touch the nozzle during printing as it is extremely hot.



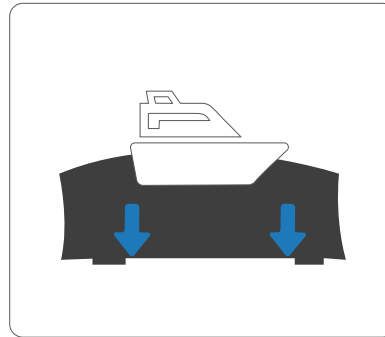
◆ 6.3 Print Your First Model

6.3.2 Model Retrieval

After completing the printing, please follow the steps below to retrieve the model.



- ① Open the safety door and remove the printing platform along with the model.



- ② Gently flex the printing platform to remove the model.

* Note:

- To remove the model, firstly take out the heated bed. Retrieving the model directly inside the printer will pose a risk of touching the high-temperature nozzle, leading to burns.
- When removing the model from the printing platform, avoid forcefully bending or breaking the platform to prevent deformation.
- After removing the model, please return the printing platform to the printer.



07 Printer Operating Interface

7.1 HomePage



- 1 Time:**
Displays the current time in the non-printing state; displays the printed time in the working state.
- 2 Random Model:**
Click to randomly select a model for printing.
- 3 Select Model:**
Click to enter the model library page.
- 4 Contact Us:**
Provides contact information for customer service feedback.
- 5 Child Mode:**
Enables/Disables Child Mode. In Child Mode, opening the safety door triggers an alarm.
Default shutdown password: 000000
- 6 WiFi:**
Click to access the WiFi list.
- 7 Setting:**
Click to enter the settings page.



◆ 7.1 HomePage

1 Filament Setup:

Set nozzle temperature and fan speed, extrude/retract filament.

2 Axis:

Adjust Z-axis compensation, set X/Y/Z-axis movement, and return to the origin.

3 System:

Version number, screen brightness, language, and other settings.

4 App Connection:

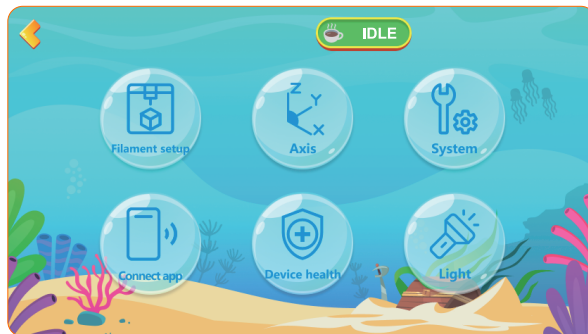
Interconnect with the mobile app to control the printer through the app.

5 Device Health:

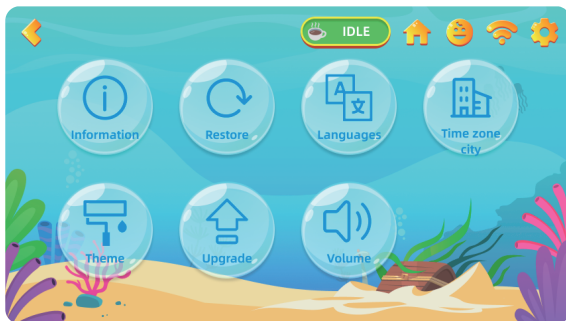
Check the hardware health status of the device.

6 Lights:

Adjust the brightness of the lights on both sides of the screen and the internal illumination inside the chamber.



7.2 System Settings Page

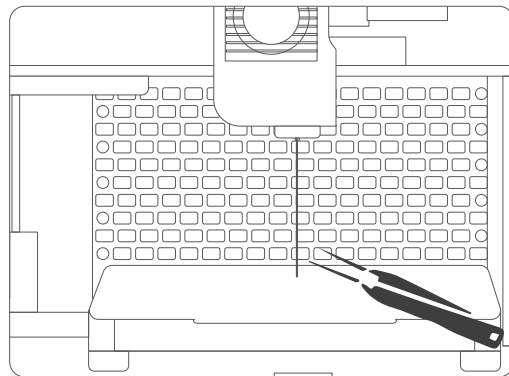
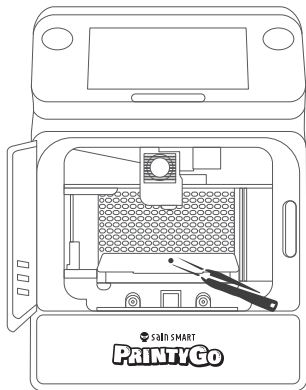


- 1 **Information:** Displays device version information.
- 2 **Restore:** Restores factory settings, clearing all setup data.
- 3 **Languages:** Switches the software display language.
- 4 **Time Zone City:** You can change the representative city for your time zone.
- 5 **Theme:** Switch between different operation page styles.
- 6 **Upgrade:** Check for software updates and upgrade online.
- 7 **Volume:** Toggle the touch screen click sound.

- 1 **Temp:** Set the nozzle to the desired temperature (maximum temperature: 250°C).
- 2 **Cool Down:** Stops heating the nozzle, and the temperature gradually cools to ambient temperature.
- 3 **Unload:** The extruder retracts the filament.
- 4 **Length:** Set the length for retracting and loading.
- 5 **Feeding:** The extruder extrudes filament.
- 6 **Fan:** Set the rotation speed of fans for different components.



08 Printer Maintenance



1. Use tweezers to clean foreign objects inside the device.

2. Before printing, heat the nozzle to 200°C - 230°C .
It is normal for excess filament to be extruded during the heating process.



09 App & Slicing Software Usage

Scan the QR code below to view the detailed usage tutorial.



App Usage Tutorial



Slicing Software Usage Tutorial

10 Common Issues



Q: The model does not stick to the print bed?

A: If the model does not stick to the print bed, it is recommended to evenly apply solid glue on the bed surface and print in an indoor environment with a temperature of 20-25°C. Warping of the model's edges is a normal occurrence due to the physical properties of the plastic. Applying glue can help alleviate warping at the bottom.



Q: If there is a sudden power outage during printing, can I resume the previous print after power is restored?

A: Yes. The printer supports the function of resuming printing after power failure. After power is restored, the system will prompt whether to resume the previous print.



Q: Can I turn off the safety alarm for the safety door?

A: Yes. The safety alarm is designed to prevent accidents involving children during use. Turn off Child Mode to turn off the safety alarm.



Q: What is a heating error?

A: A heating error occurs when there is an abnormality in the operation of the print nozzle during the printing process, leading to a disruption in the print process. If this error occurs, check if the original adapter is in use, and contact official customer service for guidance on maintenance.



11 After-Sales Service

Thank you for your trust and support in our products. SainSmart is committed to providing high-quality and reliable technical support services to our customers.

We can meet your technical support needs for all SainSmart products, including discontinued and out-of-warranty products. (Please note that we cannot handle returns for discontinued or out-of-warranty products.)

The warranty for SainSmart products is valid for one year from the date of purchase. Details are outlined below. (The purchase date is based on the original sales receipt or consumer records.) If a different warranty period is indicated on the product packaging or official website content, the SainSmart terms of service for that specific warranty period apply.

This warranty is void if non-SainSmart accessories are used with the product, or if the product has been modified or repaired by any service station or unauthorized person. The warranty does not cover product defects or damage caused by:

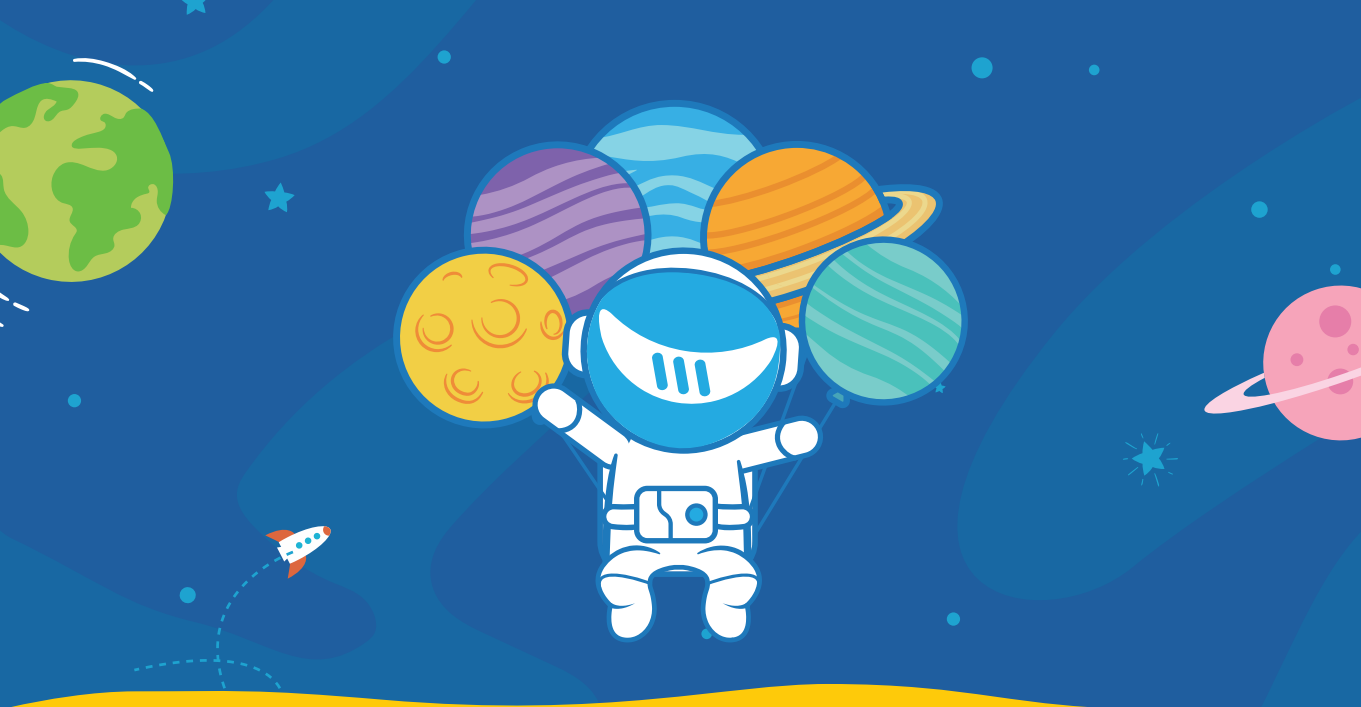
- (1) Careless use of product.
- (2) Misuse, abuse, negligence, alteration, repair, or improper installation of the product.
- (3) Consumable parts of the product (thermistors/heating tubes/nozzles/PTFE tubes, beyond three months).
- (4) Circuit shorts or transients.
- (5) Exposure to excessive heat, humidity, moisture, or environmental conditions beyond the product specifications.
- (6) Use of replacement parts not provided by SainSmart.
- (7) Improper product maintenance.
- (8) Accidents, fires, floods, or other force majeure events.

SainSmart reserves the right to make changes to its products but assumes no obligation to modify manufactured products. This statement is provided for guidance on technical support and after-sales requirements. For further clarification and detailed information, please contact us.

✉ Email: support@sainsmart.com

Facebook messenger: <https://m.me/SainSmart>





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