FLASHFORGE®
3D PRINTER

OUR FIRST 3D PRINTING FILAMENT DRYING STATION

More Stable Filament Property
and Better Print Quality

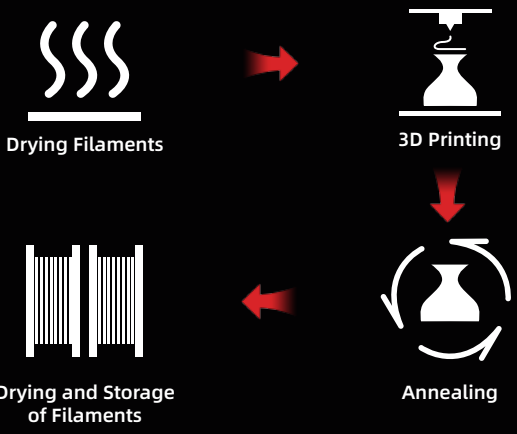


The Filament Drying Station is a multifunctional product that integrates 3D printing equipment placement, storage and drying of 3D printing filaments, and the movable shelf function. As a matching product of Creator 4, it aims to restore the properties of the wet filaments and solve the problem of the drying and storage of filaments; As its size matches the size of Creator 4, it can be used as an elevated shelf; With casters equipped, it is convenient for movement and switching the working area at will.



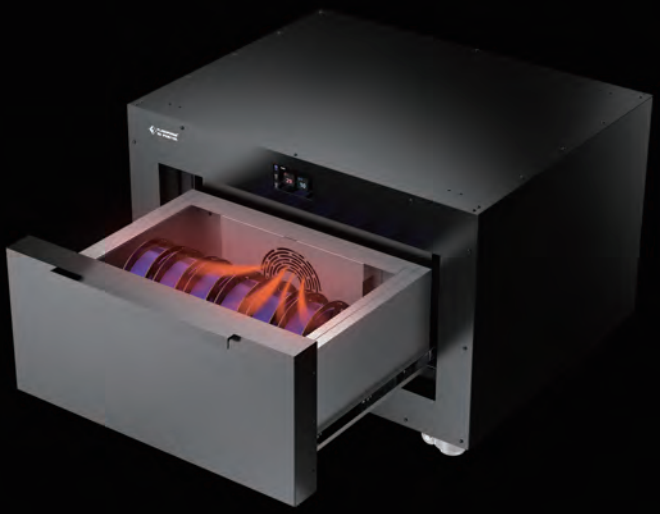
Improve the Whole Process of 3D Printing and Control the Printing Quality

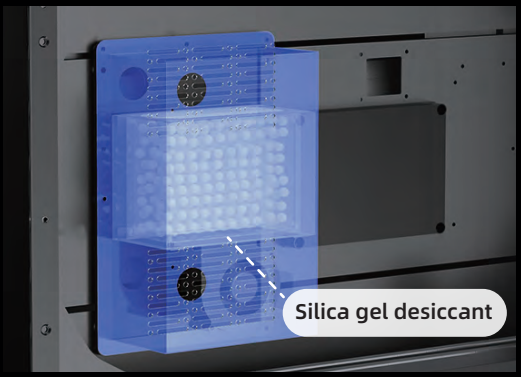
The Filament Drying Station improves the whole process of 3D printing, ensures the stable use of filaments throughout the whole workflow, prolongs the normal running time of your printer to the maximum extent, and guarantees the printing quality.



Intelligent Drying Technology

The heating temperature can be up to 120°C, which makes it easy to dry filaments that have absorbed moisture and restore the properties of filaments.



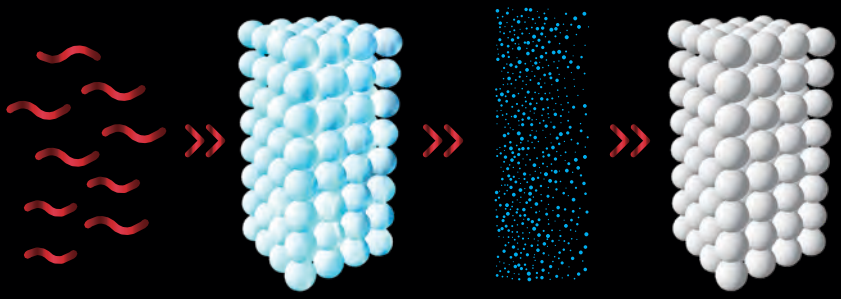


Intelligent Dry Storage

The inner-placed silica gel desiccant ensures long-term storage of filaments in a dry environment.

Reusable Desiccant, Economical and Environmentally Friendly

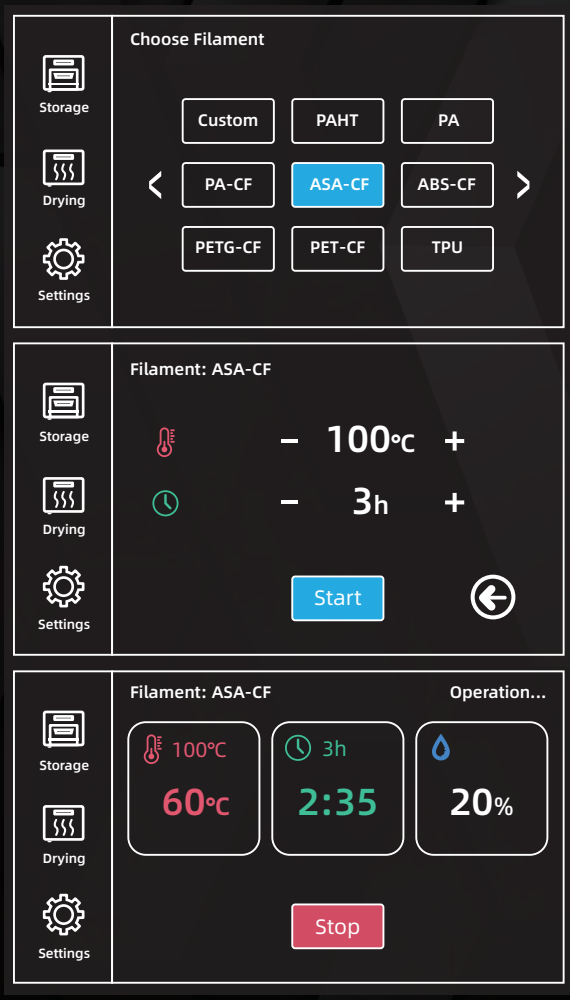
When the desiccant absorbs moisture and reaches its saturation, the system will automatically start the regeneration mode, and the moisture in the desiccant will be discharged through hot air circulation. Thus, the desiccant can be reused for 1 year.

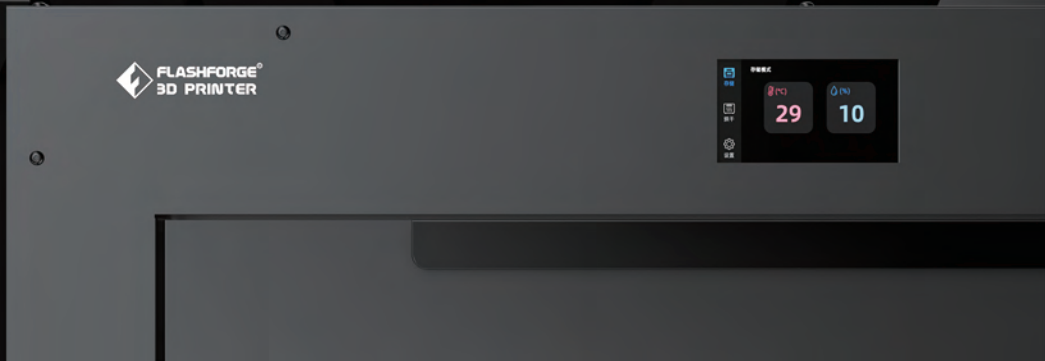


Hot Air Drying | Wet Desiccant | Discharging the Moisture | Restoring it to the Dry State

Intelligent & Automatic Drying Match

After putting the filament into the Filament Drying Station, select the filament to be dried according to the screen prompts, and the system will automatically match the appropriate drying temperature and duration.







Large Drawer-Type Storage Space

It can accommodate 6 rolls of 1KG filament or 2 rolls of 2.5KG filament.

1KG x 6

2.5KG x 2



Why Do You Need to Use a Filament Drying Station?

Hygroscopicity, the tendency to absorb moisture, is a great enemy of 3D printing. Even a small percentage of humidity will have a negative impact on the properties of most carbon fiber filaments, glass fiber filaments and other materials. Printing with wet filaments will not only lead to surface quality defects, but also destroy the material properties, which will lead to the inability to meet the requirements of the application end. The importance of proper storage and drying of materials is self-evident.



Applicable Moisture-Sensitive Filaments

PVA	PVOH	BVOH	PVB	PA6
PA12	PA66	PC	ABS	ABS Pro
ASA	PET	PETG	WOOD	Metal Fill
PC-ABS				

Applicable Moisture-Sensitive Fiber Reinforced Filaments

PA6CF	PA12CF	PA66CF	PETCF	PPCF
ASACF	PETGCF	PLACF	PPSCF	PA6GF
PLAGF				



Specifications

Parameter Specification

Size	840 x 675 x 600 mm (with casters)
Touch Screen	4.3-inch
Language	CN/EN/JPN/DE/FRA/KOR
Maximum Drying Temperature	120 ℃
Desiccant Service Time	1 Year
Desiccant Capacity	1000 g
Storage Humidity Control Range	10% ~ 20%
Minimum Humidity Value	10%
Internal Storage Size	500 x 375 x 200 mm
Power	500W
Bearing Weight	120kg



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Follow Us

Zhejiang Flashforge 3D Technology Co., Ltd.
Address: No.518 XianYuan Road, Jinhua City,Zhejiang Province, China
Service Hotline: +86 579 82273989
support@flashforge.com