



Why We Need Filament Dryer

Wet 3D printing filament can result in stringing, clogging, poor adhesion and layer shifting, this problems will be more obvious in high-speed printing scenarios. The Creality Space Pi Filament Dryer solves these issues by drying the filament during the printing process itself, enhancing your 3D model quality and minimizing the influence of external environmental factors on the printing of 3D filaments.

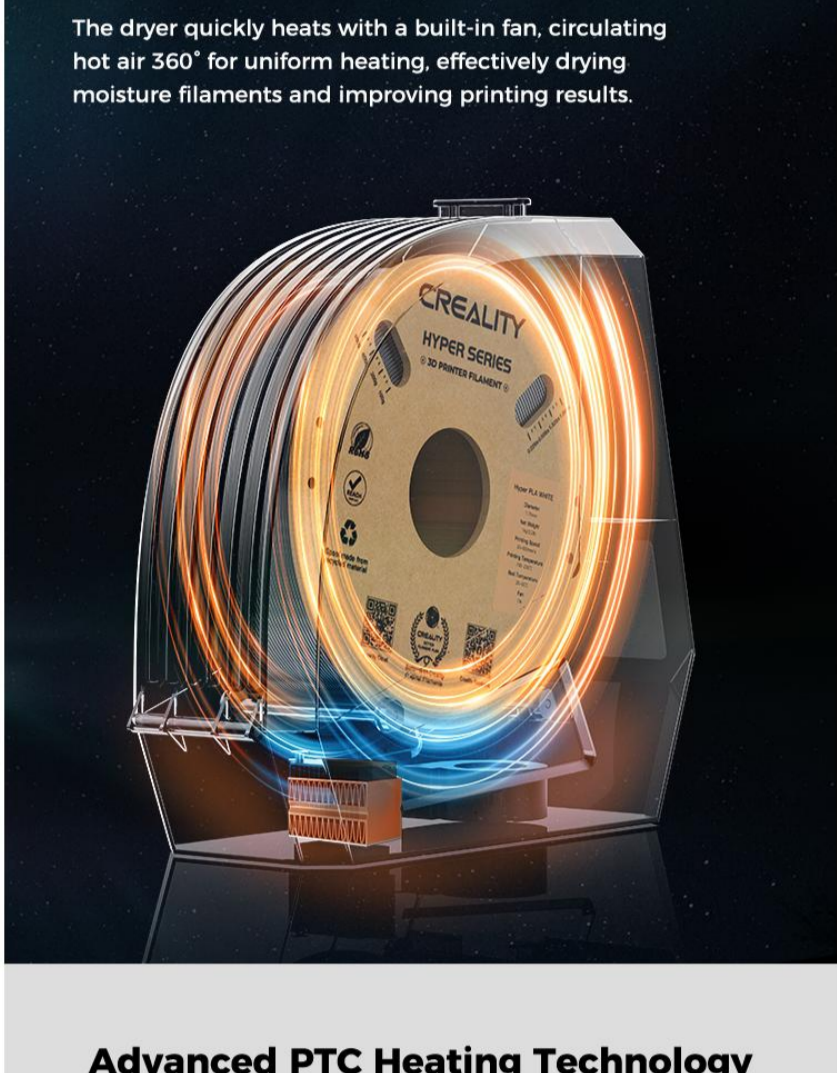
Before (Undried Filament)

Stringing / clogging / poor adhesion / layer shifting

After (Dry with Filament Dryer)

Smooth / Clean

*Test with PA-CF, Speed 300mm/s



Advanced PTC Heating Technology

Our filament dryer employs a unique 110W PTC heater to warm up the space, a feature that sets us apart in the market. Unlike most filament dryers that use a PI heating pad and often result in uneven drying, our model with the PTC heater ensures uniform drying. This PTC heater is not only durable and energy-saving, but also eco-friendly.

PTC Heating
More efficient/Energy saving/Steady heating

Heats Up Faster

Time (Min)	PTC Temperature (°C)	PI Temperature (°C)
0	20	20
2	45	30
4	60	40
6	70	45
8	75	48
10	78	50

LCD Touch Screen

The Creality Space Pi Filament Dryer comes with a 3.7-inch touch screen for easy operation, making it simple for you to track drying conditions.

Drying Countdown

Real-time temperature

Real-time humidity

One-key Set for Filaments

It has one-key temperature settings for different filament types, supporting up to 12 types of filaments, including common and high-performance composite like PLA-CF, PA-CF, ASA. Of course, you can also freely adjust the temperature between 45°C and 70°C.

Material	Temperature (°C)	Time (h)
PLA	50°C	4-8h
TPU	55°C	4-8h
PP	55°C	4-8h
ABS	65°C	8-12h
ASA	65°C	8-12h
PETG	60°C	4-8h
PC	65°C	8-12h
PA	65°C	≥12h
PET	60°C	4-8h
PLA-CF	50°C	4-8h
PETG-CF	60°C	4-8h
PA-CF	65°C	≥12h

48 Hours Timer Function

The heating duration can be freely set from 0-48 hours, allowing the filaments to be fully dried for better printing results.

Parameter Power-off Memory Function

After a power outage, the machine can restart and still remember your previous material and temperature settings, eliminating the need for resetting and allowing for quick drying.

Power OFF

Store the history settings

Power ON

Track the history settings

Compatible with Multiple Diameter Filaments

3D printer filament diameter:

1.75mm

3D printer filament diameter:

2.85mm

Supports high-speed consumable printing

Start a New High-Speed Printing Experience

Pair high-speed printers and high-speed filaments to achieve a fast and high-quality printing experience!

K1 Series 3D Printer

Space Pi Filament Dryer

Hyper Series 3D Printer Filament

*Note: It's highly recommended using the Creality Space Pi Filament Dryer in advance for drying in high-speed printing scenarios.

Details Make Differences

Switching between °C and °F

Power switch - safety

Silicone plug - moisture-proof

Specifications:

Product name: Space Pi Filament Dryer
Model: DB-03
Package size: 315x125x300mm
Net weight: 1150g
Product color: Space grey
Input voltage: US 110V 50/60Hz GB/UK/EUR 220V 50/60Hz
Rated power: 145W
Temperature control range: 45°C-70°C
Heating duration: 0-48h