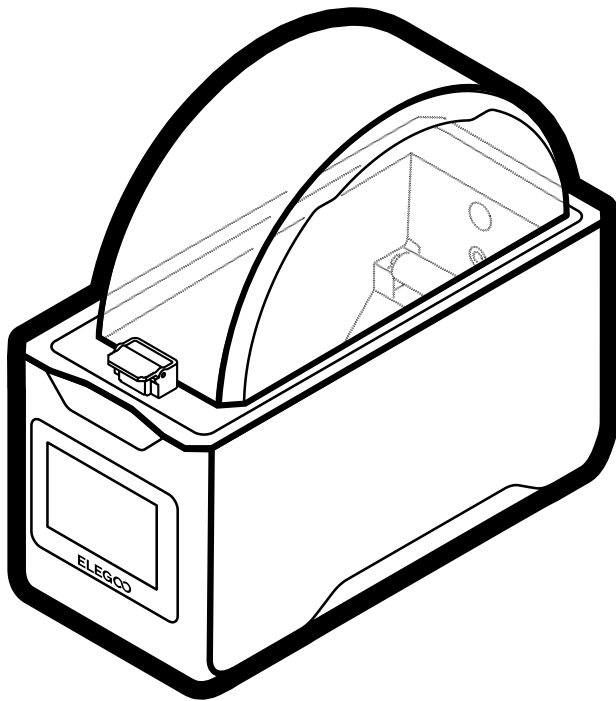


ELEGCO ▶▶ Create the Future **///**



H1 HT User Manual **v1.2**

Thank You for Choosing ▶▶▶ the ELEGOO Product!

ELEGOO

Upon receiving your product, please check that the device is in good condition and all accessories are included. If you encounter any issues during installation, operation, or maintenance, please contact the ELEGOO after-sales team through the official channels below for professional support:



Support Page

Visit our support page:
<https://www.elegoo.com/pages/contact-support>.
We recommend copying the link and opening it in your browser.



Tutorial Videos

Scan the QR code
for our product tutorial videos.

Note: To ensure optimal performance, every ELEGOO product undergoes rigorous quality testing before shipment. Minor surface scratches may be visible upon delivery; this is normal and will not affect functionality.

Ready Before Use

Safety Precautions

- ▶ This product is intended for indoor use only and should be kept away from damp or humid environments. Do not use the device if the power cord or socket is damaged or wet.
- ▶ Always use a properly grounded outlet. Unplug the device when not in use for an extended period.
- ▶ This product generates high temperatures during operation. Risk of burns. Do not place the product within reach of children.
- ▶ Only use packaged desiccants that meet the specified requirements. Do not use unpackaged bulk desiccants or water-soluble salt-based desiccants.
- ▶ If a fault occurs, immediately turn off and unplug the device, then contact our customer service team.

Precautions for Use

- ▶ Place the device on a stable, level surface during operation. Ensure at least 10 cm of clearance behind the unit for proper ventilation of heat and moisture, and keep it away from flammable materials.
 - ▶ This device is designed exclusively for drying 3D printing filament. Do not use it to dry any other items.
 - ▶ Regularly clean any debris inside the drying chamber to prevent blockage of air vents and valves.
 - ▶ When using the custom drying mode, always follow the filament manufacturer's recommended drying temperature. Exceeding this temperature may damage your filament.
 - ▶ When using a reusable spool, do not exceed the maximum temperature indicated on the spool by the manufacturer, as higher temperatures may damage the spool.
 - ▶ After drying, the chamber can keep filaments dry for a short period. For best printing results, use the filament soon after drying. For long-term storage, seal filaments in moisture-proof bags or use a dedicated storage device.
-

▶ Technical Specifications

▶ Parts List

▶ Component Introduction

▶ Feature Guide

▶ Operating Instructions

01

02

03

04

06

Technical Specifications

❏ Drying Parameters ▶

Drying Temperature: 45-85 °C (113-185 °F)

Drying Time: 0.5-12 h

❏ Electrical Requirements ▶

Input Voltage: AC 100-240 V, 50/60 Hz

Rated Power: 150 W@220 V, 130 W@110 V

❏ Product Specifications ▶

Physical Dimensions: 280 × 256 × 126 mm

Net Weight: 1.55 kg

Touchscreen: 3.5 inches

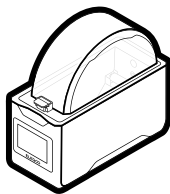
Operating Temperature: 5-40 °C (41-104°F)

❏ Advanced Features ▶

Rotating Drying: Supported

Lid Open Detection: Supported

Parts List



Filament Dryer



Desiccant × 2



Power Cord



PTFETube

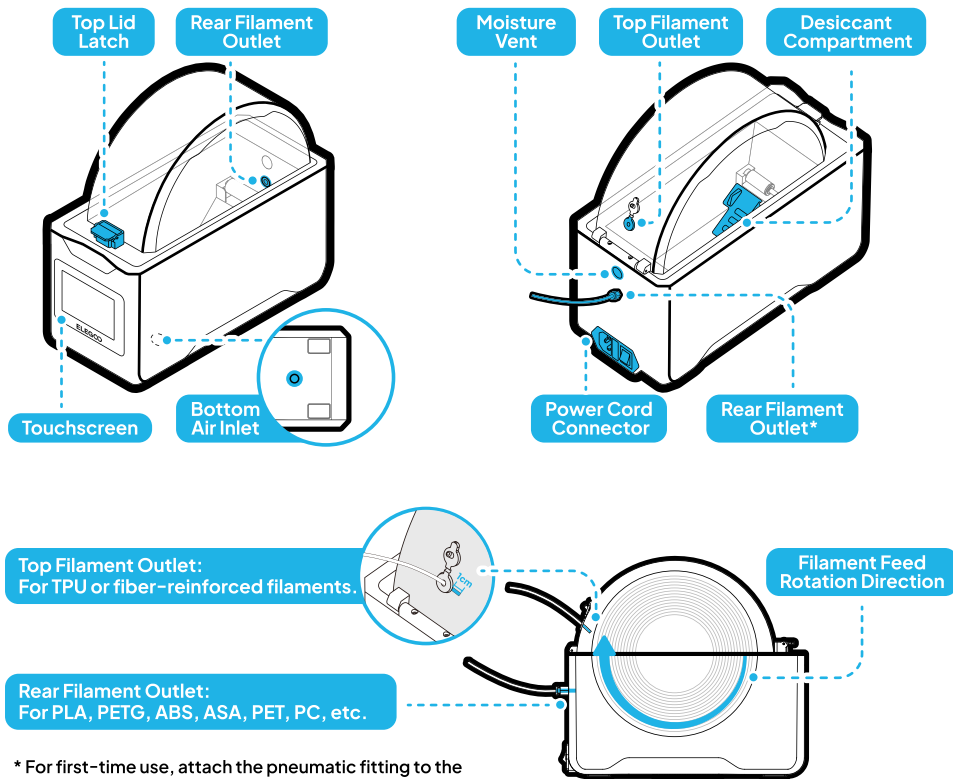


Pneumatic Fitting



User Manual

Component Introduction

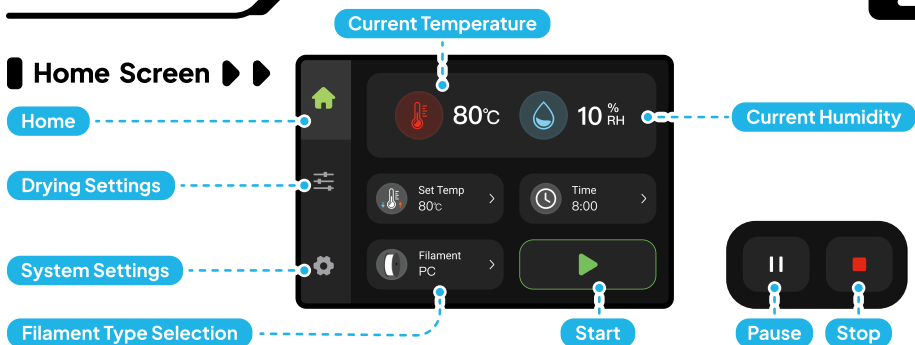


* For first-time use, attach the pneumatic fitting to the rear filament outlet and firmly insert the PTFE tube.

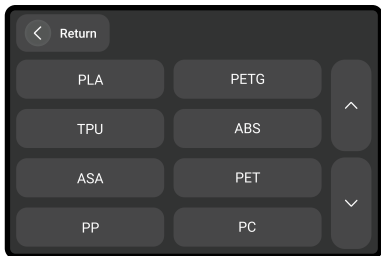
Feature Guide



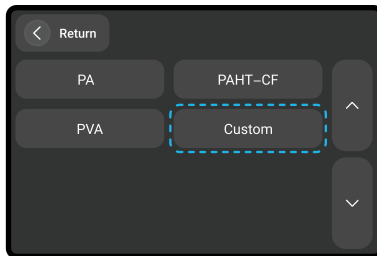
Home Screen ▶▶



Filament Type Selection ▶▶



Select your filament type to use preset drying temperature and time settings.



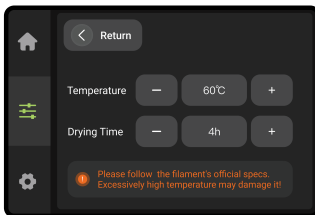
Custom Drying Mode:
Set your own drying temperature and duration.

Filament	PLA	PETG	TPU / ABS	ASA / PET / PP / PC / PA / PAHT-CF / PVA
Temperature	55 °C	65 °C	70 °C	80 °C
Time	8h			

Printer Component Introduction



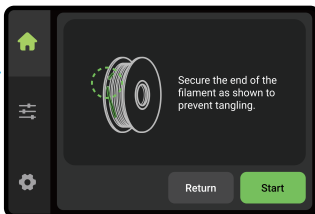
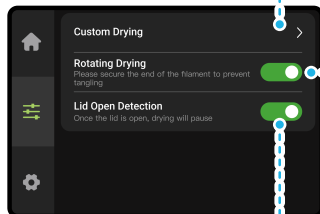
Drying Settings ▶▶



Custom Drying Mode:

This mode allows you to manually set the drying temperature and duration.

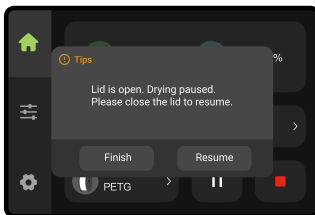
⚠ Before adjusting the temperature, always check and follow the manufacturer's recommended drying temperature for your specific filament or reusable spool to prevent filament clumping or spool deformation caused by excessive heat.



Rotating Drying:

When this feature is enabled, the spool will periodically rotate during drying to ensure more even heating of the filament and optimize drying results.

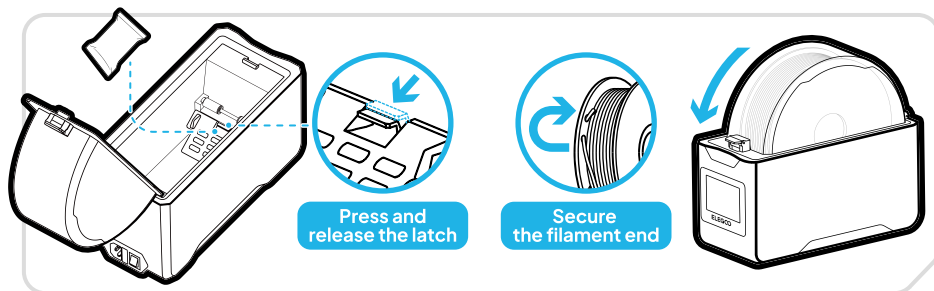
⚠ When drying filament that is already loaded in the printer, be sure to turn off the Rotating Drying function.



Lid Open Detection:

When this feature is enabled, if the lid is open during drying, the operation will automatically pause or fail to start. For optimal drying performance, always ensure the lid is securely closed.

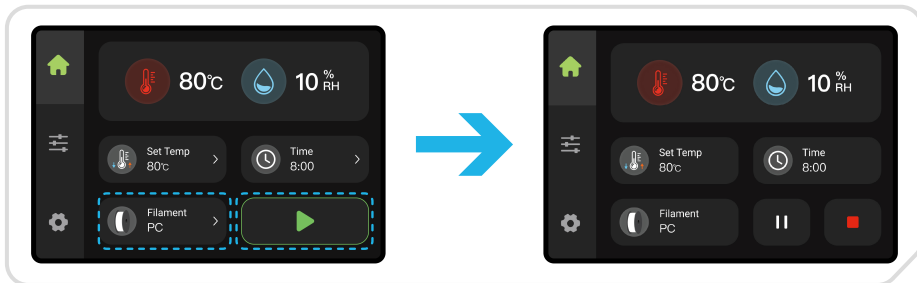
Operating Instructions



01.

Preparation:

Place one compatible desiccant pack inside the compartment. Secure the end of the filament, then put the spool into the chamber and close the lid;

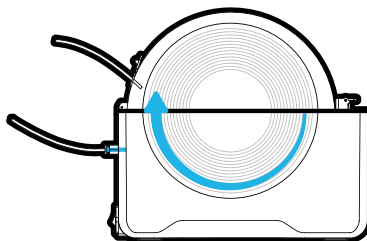
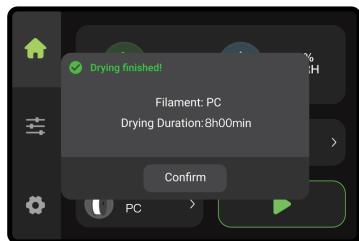


02.

Start Drying:

Select the filament type or use custom settings. Tap "Start" and wait for the cycle to complete;

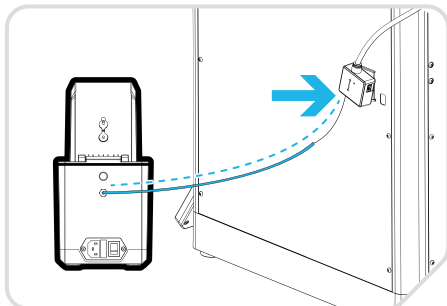
Operating Instructions



03.

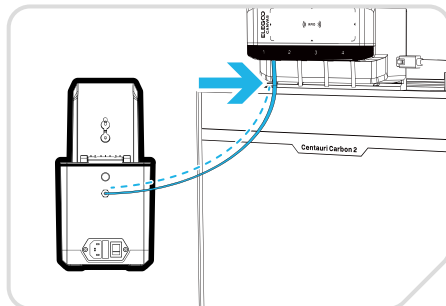
After Drying:

Once the filament has cooled, insert it into the corresponding outlet (make sure the filament feeds in the correct direction as indicated). Then, feed the filament through the PTFE tube and into your printer's filament inlet to start printing;



3.1

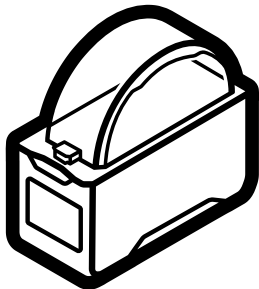
Connect to the filament runout sensor inlet;



3.2

Connect to the CANVAS multicolor system inlet.

■ ELEGCO ▶▶



**HAPPY
PRINTING**

Create The Future

