

**BOX2
USER
MANUAL**



WANHAO

INTRODUCTION OF WANHAO BOX2

WANHAO BOX2 is a filament storage box that allows you to store materials in the optimal printing environment while still printing. Box 2 can hold bobbins with diameters of 1kg and 3KG, as well as filaments between 1.75mm and 3.00mm.

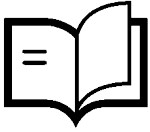
WANHAO BOX2 Filament Dry Cabinet:

- < 20% RH - Optimal for all filament materials.
- Convenient, no consumable parts.
- Low Energy consumption:12 W Avg / 100 W Max.
- 4 Filament Feed Ports.
- Prints while in dry storage.
- Dries without heat.
- Maintains tensile strength



IMPORTANT

Getting the most out of your Curing box:



Read the manual carefully

It will help you get set up with ease



Visit www.wanhao3dprinter.com

We've gotten additional support videos and guides



Google Forum

Join Wanhao Technical Forum for online support

<https://groups.google.com/forum/#!forum/wanhao-printer-3d>



Email support@wanhao3dprinter.com

We're always happy to help

WARRANTY NOTE

If you experience any issues with this product, or it's performance is not what you had expected, please contact us at WANHAO before returning the item to the store.

It is likely that we can resolve any problems for you via phone or email.

We can be reached through your local distributor. Or on

Phone: +86-571-23290996(Mon-Sat; 8:30am-5:00pm)

Email: support@wanhao3dprinter.com

Web: www.wanhao3dprinter.com

TECHNICAL SPECIFICATIONS

A1. The WANHAO Experience

This User manual is designed to help you start your experience with WANHAO BOX2 .Within these pages ,we want to show you how simple and easy it is to cure the prints.

A2. Specification of the WANHAO Box2

Brand Name	WANHAO BOX2
Maximum Capacity	Φ 23 cm * 9 cm wide
Rated Power	AC 100-240V~ 50/60Hz
Power Output	12V 5A
Drying Power	50W
Maximum Temperature	80 C
Weighing Power	0.1W
Weighing Load	3KG
Consumable Wire Diameter	1.75/2.85/3.0 MM
Packing Size	39.5*27*42 CM
Product Size	30*17*32.5 CM
Gross Weight	
Net Weight	
Weighing Error	

RECOMMENDED DRYING TIME

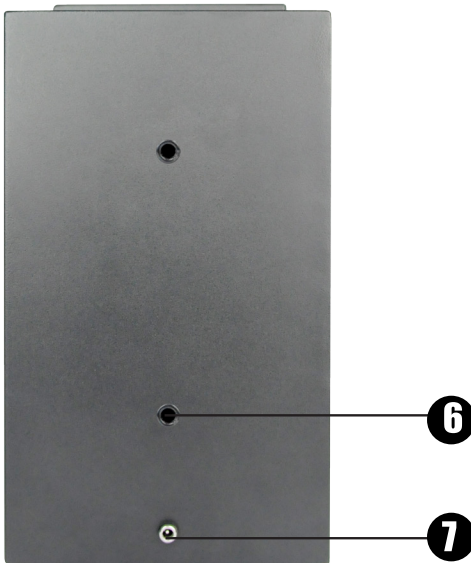
NO.	Materials	Dryer Temp	Dryer Time
1	PLA	45 C (113 F)	> 4h
2	ABS	60 C (140 F)	> 2h
3	PETG	65 C (149 F)	> 2h
4	Nylon	70 C (158 F)	> 12h
5	Dessicant	65 C (149 F)	> 3h

These recommendations are made under the following conditions.

* Ambient RH:50% * Ambient Temp:22°C * 500g filament spool * Original filament

Actual drying time for a filament may vary under different conditions. If a filament has been in storage for a long time, it is very likely it already absorbed a lot of moisture and it takes much longer (at least double the time listed above) to dry a moist filament. In addition to drying the filament prior to 3D printing, drying the filament while printing is always recommended.

PRODUCT OVERVIEW

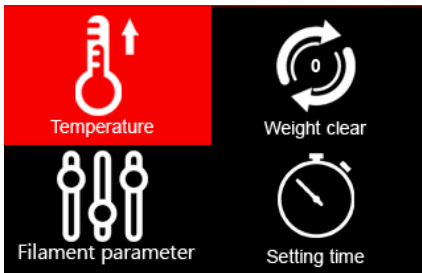


- 1、BOX2 LOGO
- 2、LCD touch screen
- 3、Observation port
- 4、Front cover outlet
- 5、Fixed cover
- 6、Silk outlet behind
- 7、Power switch

SIMPLE TO USE

Dryer

Embedded dryer software with an intuitive interface enables you to set up, select, and edit drying procedures. Single-click selection of drying profiles are available for the most popular filament types.



Delayed start option

Using the delayed start option you can have your freshly dried filament ready by the time you need it. This enables you to schedule drying in advance so that you can manage your time wisely.

Printer

All Mass Portal filament dryers can be jointly used with Mass Portal printers: when connected to 3D printer dryers can be accessed and controlled from the master 3D printer. To ensure a stable printing process with Mass Portal printers, the printing is only allowed to begin after the filament has been dried and prepared for feeding.

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Compatible with the most open-materials 3D printers

In a standalone operation mode Mass Portal filament dryers are compatible with the most open-materials 3D printers using standard filament sizes: 1.75 mm / 2.85 mm / 3.00 mm.

Drying profiles for generic materials

we advise you to use the so-called generic settings for different classes of polymers.

Generic drying profile settings are based on the typical temperature values used in polymer industry, but considering all the additives producers put into 3D printing filaments these values should be rather seen as guide values, which can (and should) be adjusted if needed.

SIMPLE TO USE

Before you start

1. Turn on the power



After connecting the power cord to the power port, turn on.

2. Turn on the power

Wait for the main page to finish reading, open the mask.

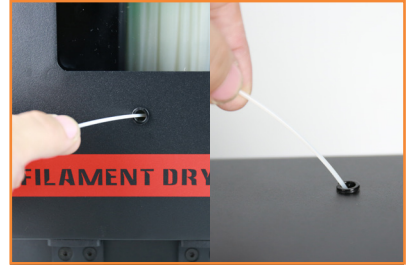


3. Put in the filament



Put your prepared filament into BOX2, materials 3D printers using standard filament sizes:
1.75 mm / 2.85 mm / 3.00 mm.

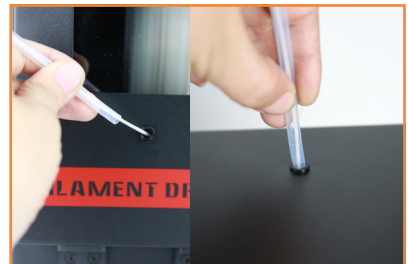
4. Select outlet



BOX2 has a total of 4 outlets for your filament.

5. Wear insulation tube

Minimize the time that the filament is exposed to the air, so that it is fully protected



6. Close mask

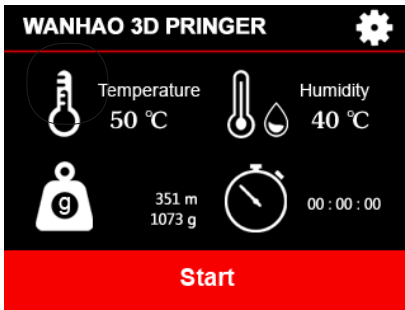


When the power is on, do not reach into the interior for heating.

SIMPLE TO USE

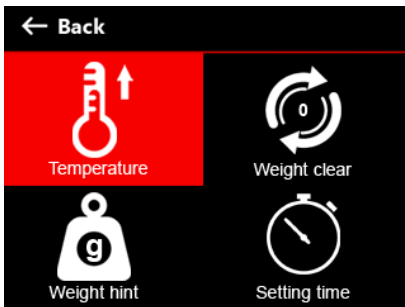
BOX2 UI introduction

1. Home menu



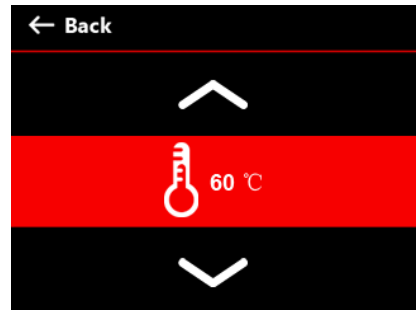
- Real-time temperature
- Humidity measurement
- Weight and spool length
- Heating time
- Settings list
- Start up

2. Settings list



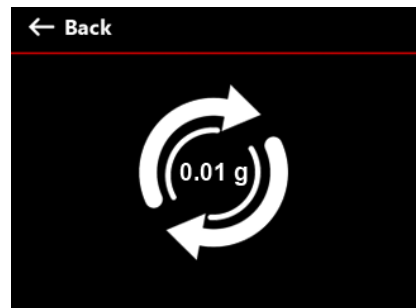
- Temperature
- Weight clear
- Weight and spool length
- Setting time

3. Temperature



Up and down keys can adjust the temperature you need, up to 80 °C

4. Temperature



Clear data, reset to zero

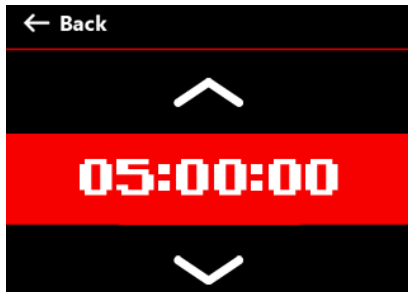
5. Temperature



Diameter and density settings

SIMPLE TO USE

6. Setting time

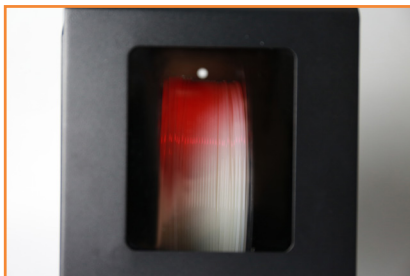


Can adjust hours minutes seconds

7. After setting



Click start and your BOX2 will start to work



After you notice that the LED light turns red, the heating starts. You can dehumidify the filament alone, or you can heat it while printing.

8. Connect the 3D printer



Note: Keep the inlet tube in a safe place

MAXIMUM PROTECTION FOR YOUR FILAMENT

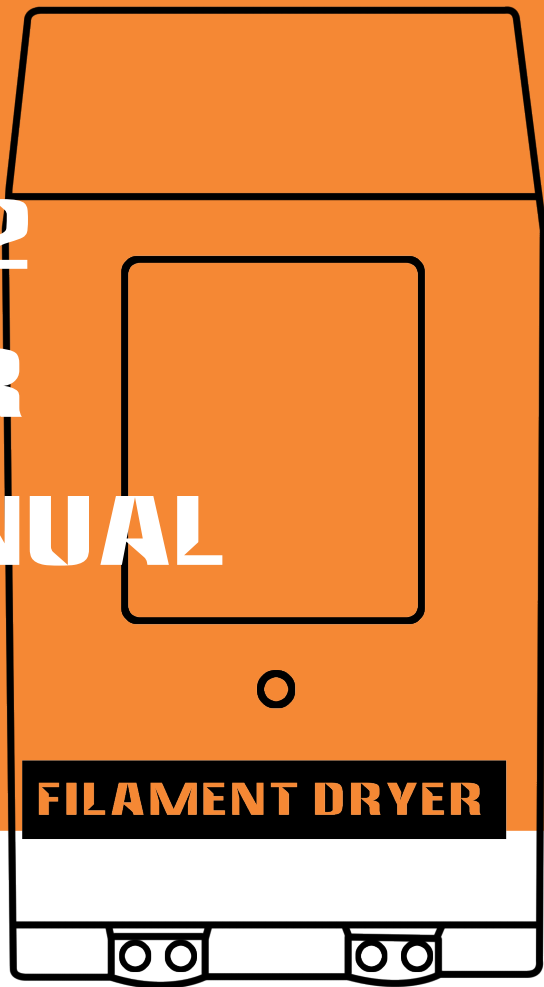


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