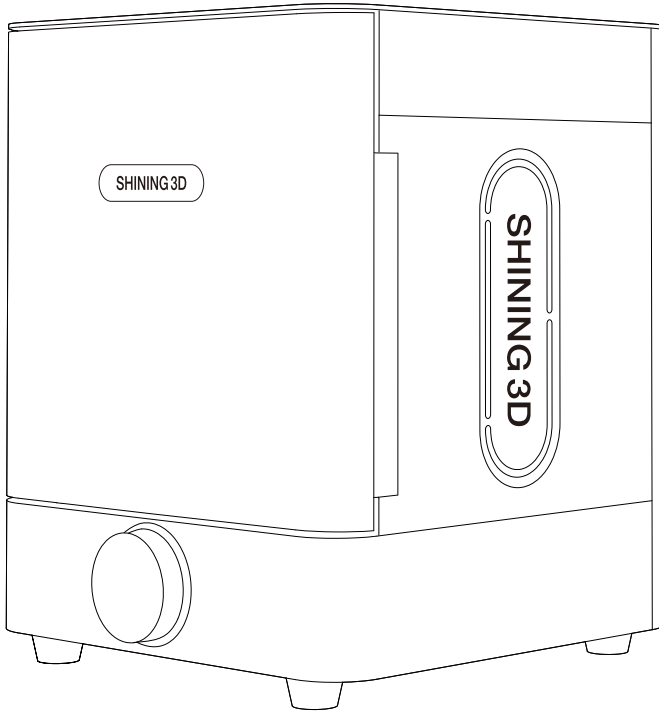# FabCure 2 Post-curing Unit
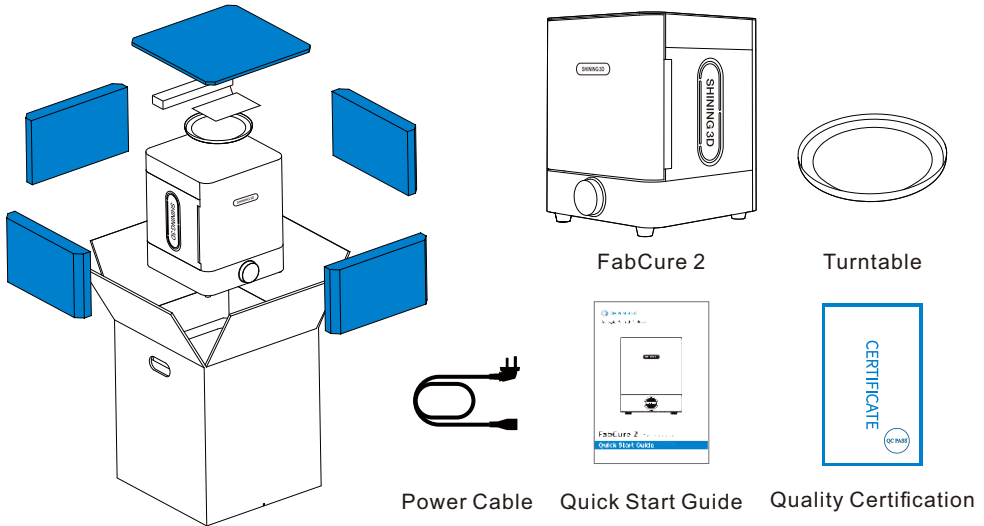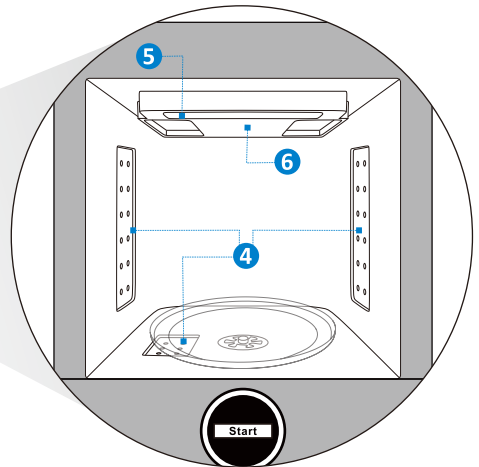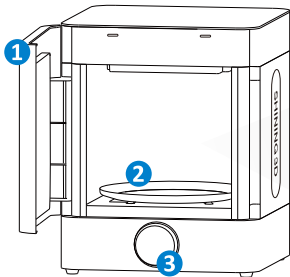
Quick Start Guide

What's in the Box

The Fabcure 2 is protected by foam inserts above and around the machine. During unpacking, inspect the Fabcure 2 for any damages or missing items.
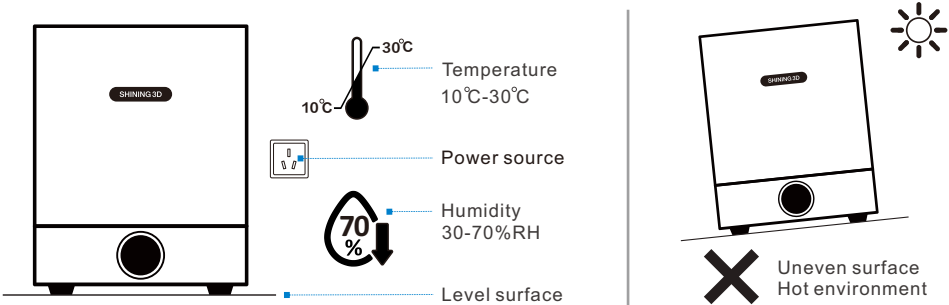
FabCure 2

Turntable

Power Cable

Quick Start Guide

Quality Certification

Note: Remove all packaging material before connecting power.

Product Overview

① **Chamber door** insulates the cure chamber and internal UV light.

② **Turntable** rotates to ensure balanced curing for all surfaces.

③ **Knob** is integrated into an OLED screen enabling an interactive and convenient operation experience.

④ **LEDs** emit powerful UV light from the sides and bottom.

⑤ **Lamp** is designed to automatically turn on when the chamber door is opened.

⑥ **Heating module** precisely controls ambient temperature to 60°C.

Where to Install the FabCure 2

Temperature
10℃-30℃

Power source

Humidity
30-70%RH

Level surface

Uneven surface
Hot environment

- Find a clean, level surface with a nearby power source to install and operate the FabCure 2.
- Operate the FabCure 2 in a well-ventilated room with a temperature of 10–30 °C and a humidity of 30-70%RH . For optimal performance, do not exceed this range.

Power-on the FabCure 2

1 Open the chamber door and insert the turntable on the circular wheel mount at the base of the cure chamber.

2 Use the provided power cable to plug FabCure 2 into a power source. Turn it on by flipping the power switch on the back of the unit.

Power Switch

Power Port
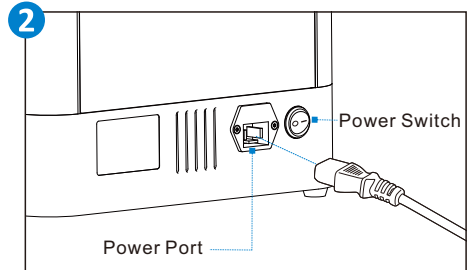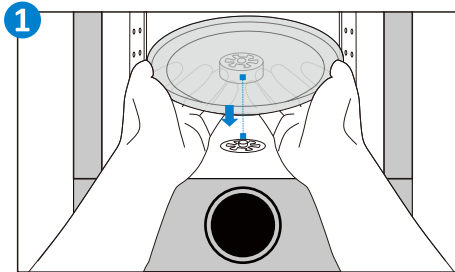
Post-Curing

3 Place washed and dried prints on the turntable with the most even spacing possible to allow light and heat to reach all areas. Gently close the chamber door.

4 Select desired material by operating the knob to begin the process. The proper post-curing time and temperature for the selected material will be set automatically.

OD01
DM12
TR01
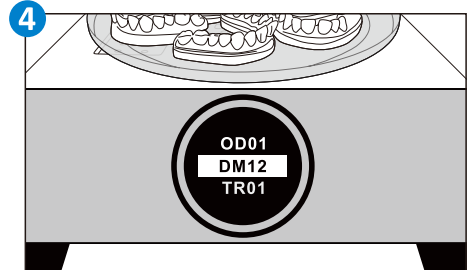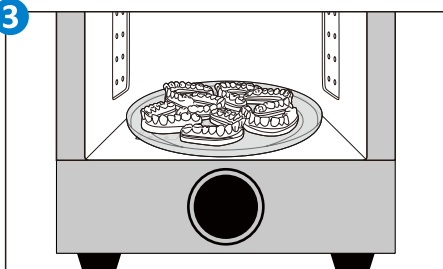
FabCure 2 Controls

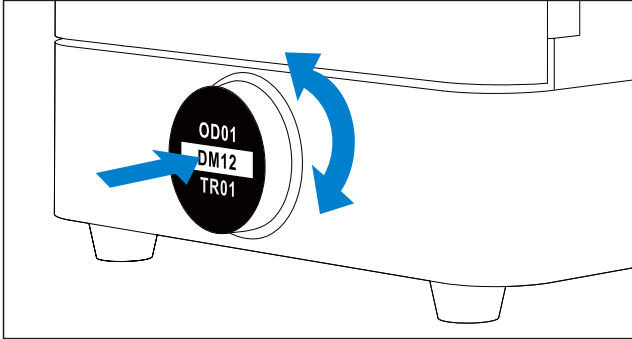1. Rotate the knob clockwise or counterclockwise to move between items in the menu of SHINING 3D materials.
2. Press the knob to select or confirm an option on the display.
3. Once the curing cycle begins, press the knob or open the door to pause post-curing.

Scan QR code for FabCure 2 operation video.

Technical Specifications

Product Name	FabCure 2
Product Dimensions	290*290*367.5mm
Product Weight	8.2KG
Shipping Dimensions	410*410*495mm
Shipping Weight	10.5KG
Power Requirments	AC100–240 V ,150W
Operating Temperature	10℃-30°C
Storing Temperature	-10℃-70°C
Operating Humidity	30-70%RH (no icing and condensation)
Data Transfer	Wifi
Interactive Mode	Knob with1.54 inch OLED screen
Light Source	Ultraviolet light
Light Wavelength	385-405nm
LED Power	70W
Curing Material	Photopolymer resin
Maximum CuringTemperature	60℃
Turntable Rotational Speed	10r/min
Maximum Part Dimensions	D*H Φ210*180mm
Maximum Curing Time	60min

Safety

The FabCure 2 uses heat and UV light to post-cure the 3D prints. It contains a heating module to heat the chamber and maintain the ambient temperature between 30°C to 60°C and help ensure parts are strong after post-curing.

Opening Protection: The chamber door includes an interlock system that is to automatically pause heating and turnoff the LEDs when the door is open.

Overheating Protection: The unit includes multiple temperature controller to keep the chamber from overheating.

Hot Surfaces: Surfaces of chamber may be hot during and after post-curing. Do not touch the internal surface of the chamber when removing parts from the FabCure 2. Wear gloves when handling prints.

Maintenance

- Keep the workspace clean for operating the FabCure 2.
- Visually inspect the internal surface, turntable and transparent windows of LEDs for traces of resin, cracks, or other damage. Clean the internal surface, turntable and windows of the LEDs if needed.
- After a post-curing cycle, remove particles of cured resin and keep the FabCure 2 clean for next use.
- If the FabCure 2 is operating at 60°C, it needs to be cooled for 15 minutes after a continuous work for 2 hours to extend the service life of the LEDs.
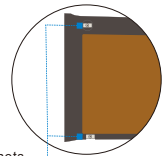
Troubleshooting

Plz Close Door!

The display indicates "**Plz Close Door**" when the door is closed.
Cause: The sensor of the door is not working.
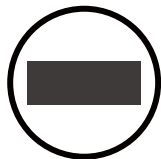**Solution:** Check if the interlock magnets are blocked.

Interlock magnets

Heating Unit Error!

The display indicates "**Heating Unit Error!**" .

Cause: The heating module does not work;
The temperature sensor does not work;

Solution: Unplug the unit.
Wait until the unit cools down.
Reconnect the power cable to restart the unit.

The display goes black.

Cause: A sudden loss of power supply during the operation.
Solution: Unplug the unit.
Wait at least three minutes.
Reconnect the power cable to restart the unit.

Network connection failed
Cause: Weak wifi signal.
Solution: Move the unit closer to the router.
Reconnect to the wifi.

SHINING 3D

Go Digital with SHINING 3D

Support Center: https://support.shining3ddental.com/en/support/solutions/

Aftersale Service: · Create Support Ticket · Ticket Management

Technical Resource: · FAQs · Basic Tutorials · Useful Tips · Software Download

---

APAC HEADQUARTERS

SHINING 3D Tech. Co., Ltd.
No. 1398, Xiangbin Road, Wenyan, Xiaoshan,
Hangzhou, Zhejiang, China,311258
Tel: +86 571 8299 9050

EMEA REGION

SHINING 3D Technology GmbH.
Breitwiesenstraße 28 70565
Stuttgart, Germany
Tel: +49-711 28444089

AMERICAS REGION

SHINING 3D Technology Inc.
1740 César Chávez St.
Unit D. San Francisco, CA 94124
Tel: +1415 259 4787

2805 W Busch Blvd, Suite 222, Tampa,
FL 33618United States