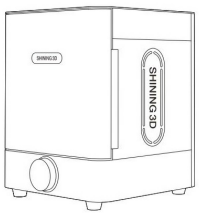

SHINING 3D FabCure 2 Post Curing Unit User Guide

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SHINING 3D

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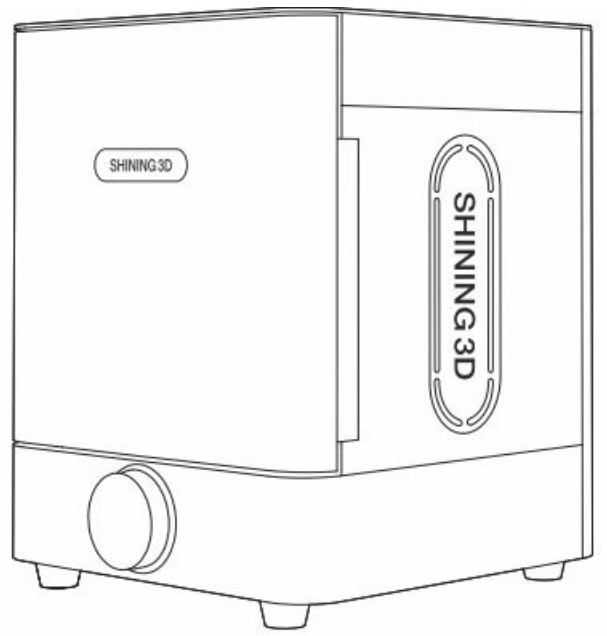


Product Information

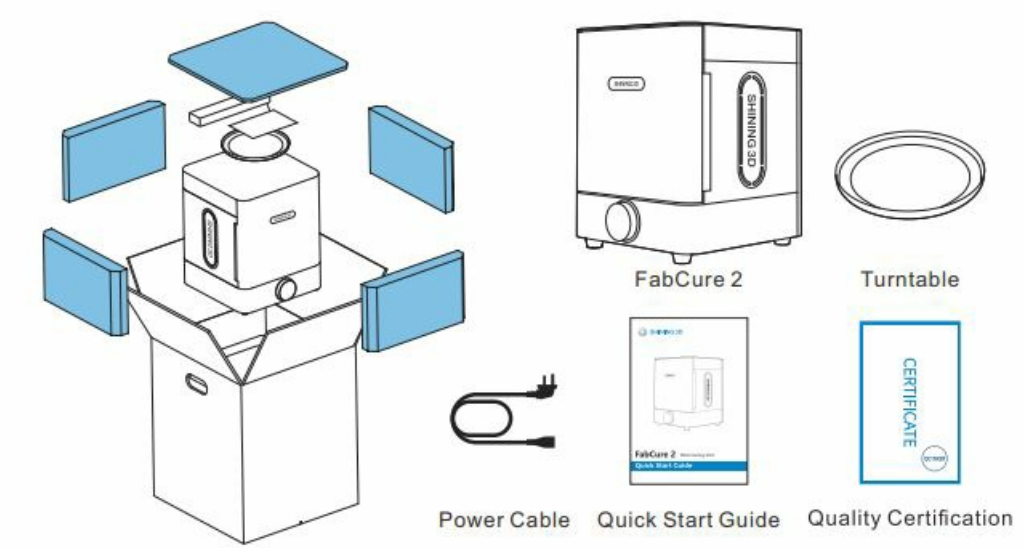
Specifications

- Product Name: FabCure 2
- Product Dimensions: 290*290*367.5mm
- Product Weight: 8.2KG
- Shipping Dimensions: 410*410*495mm
- Shipping Weight: 10.2KG
- Power Requirements: 250V AC, 6.3A
- Operating Temperature: 10°C – 30°C
- Storing Temperature: 10°C – 30°C
- Operating Humidity: 30% – 70%RH
- Data Transfer: Interactive Mode
- Light Source: Ultraviolet LED
- Light Wavelength: 385-405nm
- LED Power: 70W
- Curing Material: Photopolymer resin
- Maximum Curing Temperature: 60°C
- Turntable Rotational Speed: 10r/min
- Maximum Part Dimensions (D*H): 210*180mm
- Maximum Curing Time: 60min

Unpacking and Introduction

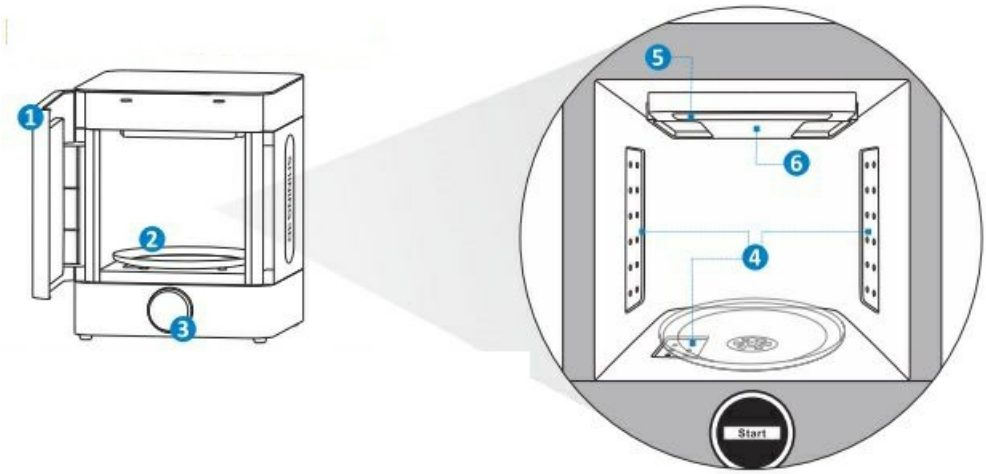
What’s in the Box

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.



Note: Remove all packaging material before connecting power.

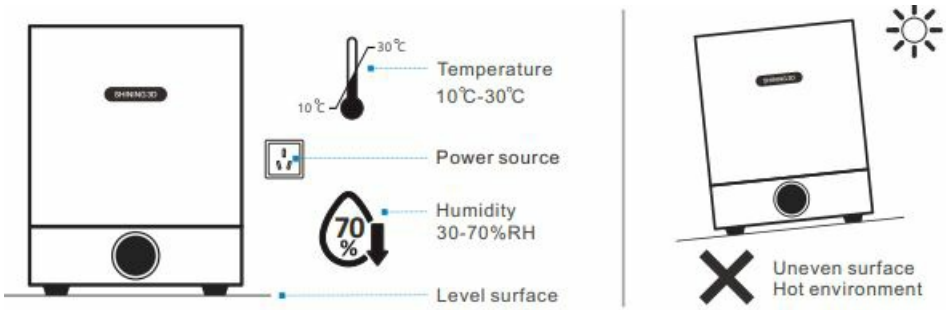
Product Overview



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.

Using FabCure 2

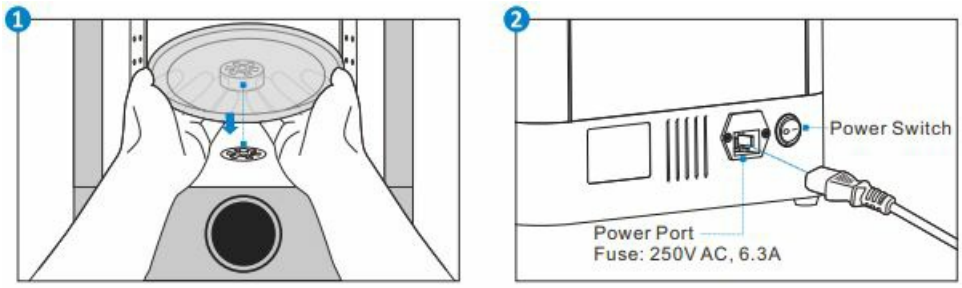
Where to Install the FabCure 2



- 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.

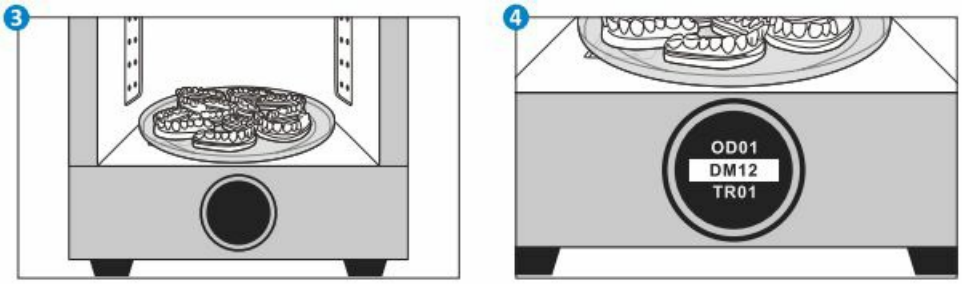
Power-on the FabCure 2

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.



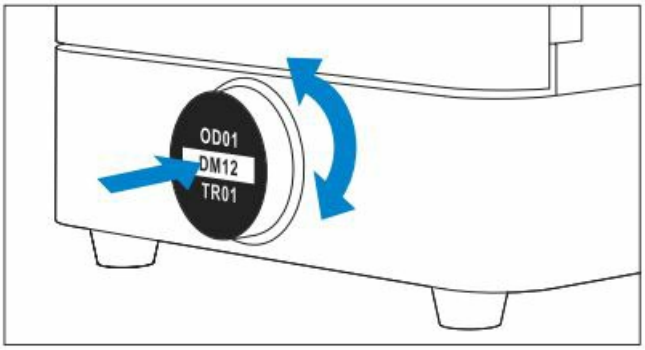
Post-Curing

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.



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	10.2KG
Power Requirments	AC100–240 V ,200W
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.
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.

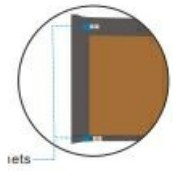
Maintenance

- 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

- 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.



- 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.

- Network connection failedCause: Weak wifi signal.

  Solution: Move the unit closer to the router. Reconnect to the wifi.

- 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

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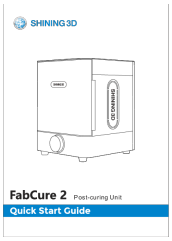
Documents / Resources

	SHINING 3D FabCure 2 Post Curing Unit [pdf] User Guide FabCure 2 Post Curing Unit, FabCure 2, Post Curing Unit, Curing Unit, Unit

References

- Solutions : Dental Support
- User Manual