

ZN/EN-A03

Curing Box FC 3

Operation Manual

≡ 操作说明书 ≡

中文 P06



WARNING
注意事项

Please tear off the protective film on the inside of the shield door.
使用前请撕去遮光门内侧的保护膜

Notice

Safety notice: Please read all the safety warnings and notice below.

Work Environment Safety

- ◆ Ensure curing box worktable clean and tidy.
- ◆ Do not operate curing box in the presence of flammable liquids, gases or dust.
- ◆ Keep curing box out of children and untrained people's reach.
- ◆ The equipment should be placed in a dry and ventilated environment. The front and rear sides of the equipment must keep distance of at least 20cm, and the space above must keep distance of at least 35 cm.

Electrical Safety

- ◆ Always use the curing box with a properly grounded outlet. Do not refit curing box plug.
- ◆ Do not use curing box in damp or wet locations. Do not expose curing box to burning sun.
In case of device damage.
- ◆ Please use the power supply provided by FlashForge.
- ◆ Avoid using the device during an thunderstorm.
- ◆ In case of uncertain accident, please unplug the device if you do not use it for long.

Personal Safety

- ◆ Do not touch resin directly by hand.
- ◆ Wear gloves and mask when operating the device.
- ◆ Do not look directly at the light source of the curing box.
- ◆ Do not operate the device while you are tired or under the influence of drugs, alcohol or medication.

Caution

- ◆ Operate the device in a well-ventilated environment.
- ◆ Do not leave the device unattended for long.
- ◆ Do not make any modifications to the device.
- ◆ Never use the device for illegal activities.
- ◆ Never use the device to make any food storage vessels.
- ◆ Never use the device to make any electrical appliance.
- ◆ Never put the model into your mouth.

Environment Requirements

- ◆ Temperature: RT 15-30°C; Moisture: 20%-70%.

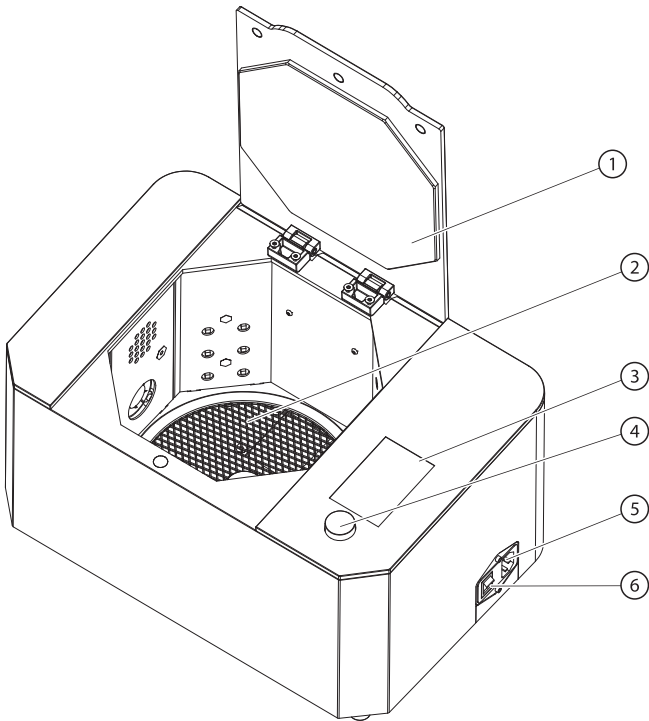
Device storage

- ◆ The equipment should be placed in a dry and ventilated environment. The front and rear sides of the equipment must keep distance of at least 20cm, and the space above must keep distance of at least 35 cm.

Legal notice

- ◆ All the information in this document is subject to any amendment or change without the official authorization from FlashForge.
- ◆ FLASHFORGE CORPORATION MAKES NO WARRANTY OF ANY KIND WITH REGARD TO THIS DOCUMENT, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
- ◆ FCC Notice
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- ◆ FlashForge shall not be liable for errors contained herein for incidental consequential damages in connection with furnishing, performance or use of this material.
- ◆ This document contains proprietary information protected by copyright.
Copyright © 2019 FlashForge Corp. All Rights Reserved.

About Curing Box FC3



1. Shield Door 2. Turnplate 3. Display Screen 4. Manual Knob
5. Power cable input 6. Power Switch

Name	Curing Box FC3
Wavelength	405nm
Curing Volume	φ203*139mm
Dimensions	399*266*225mm
Net Weight	9.7kg
Power requirement	Input: 100V-240V; 4.5A-2A
Rotational Speed	2.5r/min
Power	326W

Description

Operation

After setting the temperature and time parameters, close the door. Turn the knob to "Start" and press the knob. Then the curing box process starts.

Interface Description

Basic Setting

Temp : 35	
Set Temp : 40	
Time : 300	
Temp Set	
Time Set	
Mode	N

Temp: The temperature is the current temperature in the chamber of the Curing Box.

Set Temp: The set-temperature is the previous setting parameter. Automatically remembers the last temperature setting without shutdown.

Time: The last set time.

Temp set: Parameter is 35-60°C.

Time set: Parameter is 0-300 min.

Mode: Curing mode setting. Show the mode selected currently, N is standard mode, and S is strong mode

Normal: Standard mode, most kinds of prints is recommended.

Strong: Strong mode provides higher light strength.

Curing Interface

Temp: 40	N
Curing...	
0:00:55	
Pause	
Cancel	

Temp: The temperature is the current temperature in the chamber of the Curing Box. N means the current curing mode is standard mode.

Curing: Curing is in process.

Count down: Show how much time is left.

Pause: Pause the current curing process. Press the knob, show "Continue".

Cancel: Stop current curing process, back to setting interface.

Finish Interface

Temp: 40	N
Done!	

Done: Curing process is finished with "Beeping".

Warning

Door is open!	
Temp: 40	N
Curing...	
0:00:55	
Pause	
Cancel	

Remind the shield door is not closed. Only shown in the case of pressing knob without closing the shield door.

Attention

During the curing process, if the shield door is opened, it will automatically pause the curing process: heating will stop, the ultraviolet light will be off, and the turn plate will stop rotating. Close the shield door will automatically continue to curing.

Supports and Service

Flashforge team is on standby and ready to help you overcome any challenges you may have with your Curing Box FC3. If the issues or questions are not covered in this User Guide, you can seek for solutions on our official website or contact us via telephone.

There are solutions and instructions to common issues that can be found in our knowledge base. Have a look first as most basic questions are answered there. <http://www.flashforge.com>

The FlashForge support team can be reached by e-mail or phone between the hours of 8:00 a.m. to 5:00 p.m. PST Monday through Saturday. In case you contact us during off-duty time, your inquiry will be answered the following business day.

Tel: 86-0579-82273989

QQ: 2850862986 2850863000 2853382161

Email: support@ff3dp.com

ADD: No. 518, Xianyuan Road, Jinhua, Zhejiang

When contacting support, please have your serial number ready. The serial number is a bar code on the back of your Curing Box FC3.

注意事项

安全提示：请确保认真阅读以下安全提示

工作环境安全

- ◆ 保证固化箱的工作台面干净整洁。
- ◆ 请保证固化箱工作时远离可燃性气体、液体及灰尘。（设备运行产生的高温有可能会与空气中的粉尘、液体、可燃性气体反应引发火灾）
- ◆ 儿童及未经培训的人员请勿单独操作设备。
- ◆ 设备需要放置于干燥通风的环境中。设备前侧以及后侧必须要留至少20cm的距离，上方必要留至少35cm的空间距离。

用电操作安全

- ◆ 请务必将设备接地；切勿改装设备的插头。未接地 / 未正确接地 / 改装插头必然会增加漏电风险。
- ◆ 请勿将设备暴露在潮湿或烈日的环境中。潮湿的环境会增加漏电的风险 / 暴晒会加速塑件老化。
- ◆ 请勿滥用电源线，务必使用闪铸科技提供的电源线。
- ◆ 切勿在雷雨天气使用设备。
- ◆ 如长时间不使用设备，请关闭设备并拔下电源线插头。

个人操作安全

- ◆ 请勿用手直接触碰光敏树脂溶液。
- ◆ 在操作设备时，请带上橡胶手套和口罩。
- ◆ 请勿直视固化箱光源。
- ◆ 请勿在饮酒、服药之后操作设备。

设备使用提示

- ◆ 请在通风的环境下操作设备。
- ◆ 切勿长时间离开正在运行的设备。
- ◆ 请勿自行对该设备进行任何改装。
- ◆ 请勿利用该设备进行违法犯罪的活动。
- ◆ 请勿利用该设备制作食物储存类产品。
- ◆ 请勿利用该设备制作电器类产品。
- ◆ 请勿将打印模型直接放入口腔。

设备运行环境要求

- ◆ 室内温度在15-30℃为宜；湿度在20%-70%为宜。

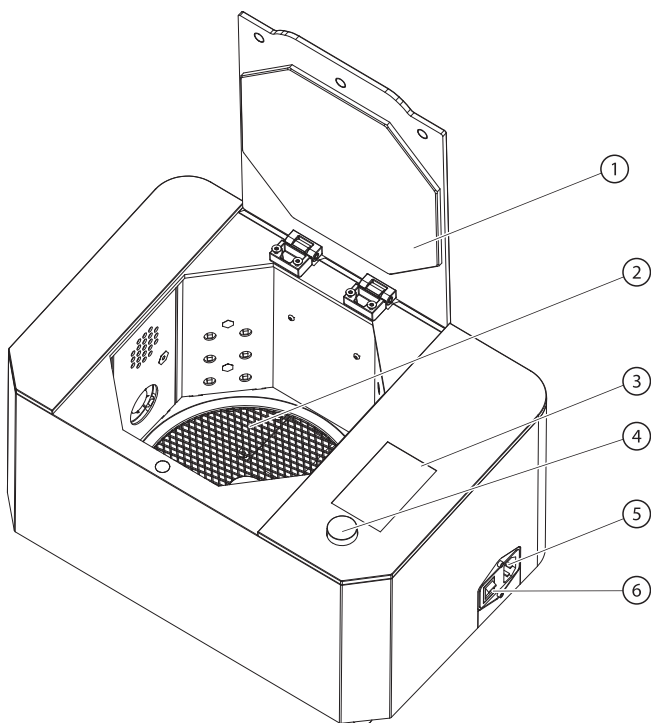
设备放置要求

- ◆ 设备需要放置于干燥通风的环境中。设备前侧以及后侧必须要留至少20cm的距离，上方必要留至少35cm的空间距离。

法律申明

- ◆ 用户无权对此使用手册进行任何修改。
- ◆ 客户若自行拆装或改造设备造成任何安全事故，闪铸科技概不负责。未经闪铸科技允许，任何人不得对该手册进行修改或翻译。本手册受版权保护，闪铸科技对本手册保留最终解释权。
- ◆ 第一版（2019年5月）
@Copyright 2019 浙江闪铸三维科技有限公司 版权所有

第一章：设备简介



1. 遮光门 2. 转盘 3. 显示屏 4. 操作旋钮 5. 电源线插槽 6. 电源开关

设备名称	光固化箱 Curing Box FC3
光源波长	405nm
固化体积	φ203*139mm
外形尺寸	399*266*225mm
净 重	9.7kg
供电需求	输入电压：100V-240V；输入电流：4.5A-2A
旋转速度	2.5转/分钟
功 率	326W

第二章：操作说明

基本设置说明

设置完温度和时间参数，关上遮光门。旋转旋钮至“Start”，按下按钮即开始固化。

操作界面说明

基本设置

Temp : 35	
Set Temp : 40	
Time: 300	
Temp Set	
Time Set	
Mode	N

- Temp**：实时温度。当前固化箱腔内的温度。
- Set Temp**：前一次设置的温度。不关机的情况下，自动记忆上一次的温度设置数据。
- Time**：上次设置的时间
- Temp set**：温度设置。35-60℃
- Time set**：时间设置。0-300分钟
- Mode**：模式设置。显示当前选择的模式，N 为标准模式，S 为加强模式。
 - Normal**：标准模式，大部分树脂推荐在此光强下固化。
 - Strong**：加强模式，光功率更强。

固化界面

Temp: 40	N
Curing...	
0:00:55	
Pause	
Cancel	

- Temp**：实时温度。当前固化箱腔内的温度。N 表示当前固化模式为标准模式。
- Curing**：正在固化中。
- 倒计时**：显示还剩多少固化时间。
- Pause**：暂停。可暂停当前的固化任务。按动旋钮后，显示“Continue”。
- Cancel**：停止。直接停止当前的固化任务，返回设置界面。

完成界面

Temp: 40	N
Done!	

- Done**：固化结束。固化任务完成后会有蜂鸣提示。

提醒界面

Door is open!	
Temp: 40	N
Curing...	
0:00:55	
Pause	
Cancel	

- 在遮光门开启的状态下，选择“Start”，会出现“Door is open”，提示客户门是开的，需要关门才能开始固化。

注意事项

固化任务执行中如果打开遮光门，机器会自动暂停固化任务，停止加热，紫外灯熄灭，转盘停止转动。关上遮光门则自动继续固化任务。

第三章：帮助与支持

闪铸专业的售后及销售团队随时为您待命。

我们非常乐意为您解决您在使用光固化箱**Curing Box FC3**过程中遇到的任何问题。如果您无法从此用户手册中找到解决问题的方法，您可以访问我们的官方网站搜索解决方法，当然您也可以通过电话或QQ联系我们。

在我们的官网中，您可以找到一些常见问题说明和解决方法。您的许多问题都可以在这里得到解决：<http://www.flashforge.com>。您可以在每周一到周六的上午8:00至下午5:00工作时段通过电话和QQ来联系闪铸的售后团队为您解决问题。如果您在非工作时段联系我们，我们会在工作时段第一时间给您回复和反馈，为您解决问题。若造成不便，我们万分抱歉。

售后服务热线：400 886 6023

售后客服QQ：2850862986 2850863000 2853382161

3D爱好者QQ群：149550566 206773820

公司地址：浙江省金华市婺城区仙源路518号

小提示：联系售后时，请提供机器的序列码，也就是Curing Box FC3背面的条形码。

