Bloom 740w

OCTOPUS WORKS

用户手册

「Bloom 740w」

User manual

语言　Language

· 中文简体
· English

帮助您实现创意的最佳伙伴

The Perfect Partner To Help You
Realize Your Ideas.

深圳市章鱼工场科技有限公司
Shenzhen Octopus Works Technology Co., Ltd
www.octopusworks.com

品牌故事

OCTOPUS WORKS是一家专注于3D打印增材制造领域的企业。通过与用户长期的深入交流，我们深刻了解到用户在使用3D打印技术时所面临的诸多问题和挑战可能会阻碍创意的成功展示。

OCTOPUS WORKS渴望成为用户在创意诞生过程中的最佳伙伴，帮助他们解决使用过程中的问题，顺利将想象力转化为具体成果。

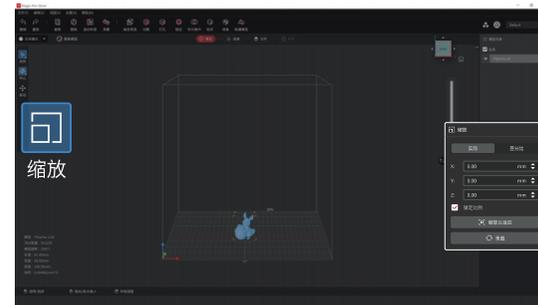我们相信，与用户密切合作可以创造出以数字化为主、以视觉信息为辅的多彩世界。让3D打印技术发挥出其最大的潜力。

打印机参数介绍

| 打印尺寸	163mm*102mm*180mm
打印速度	20-60mm/小时
DPI值	635
打印精度	40μm*40μm
配套切片软件	Magic Pen Slicer
配套树脂类型	水洗树脂，ABS树脂
触摸屏尺寸	5寸
额定电压	100V-240V
设备尺寸	260*260*465mm
包装尺寸	315*315*562mm
净重	6.55KG
毛重	8.3KG

妙笔3D切片软件使用方法

1. 选择模型：点击"文件"，打开模型文件，若提示有损坏，可点击自动修复文件功能；
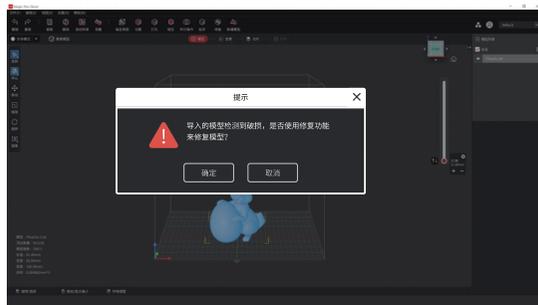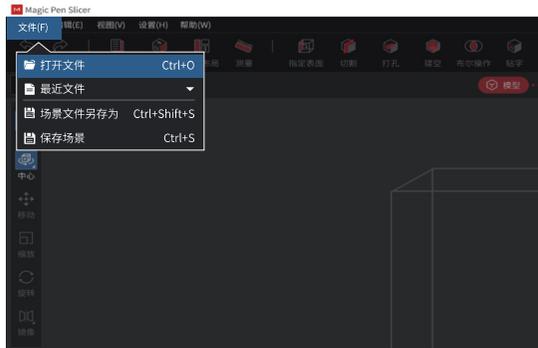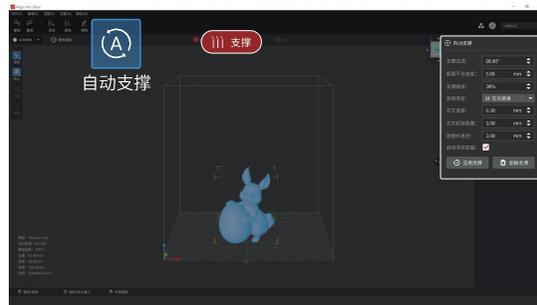

2. 调节模型大小：点击"缩放"，然后在右边界面选择点击"锁定比例"，可根据比例调节想要的模型大小；
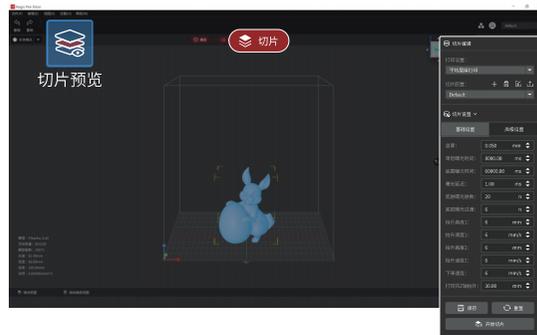

3. 模型支撑：确认好模型大小比例，点击模型上方的"支撑"，在左上角找到"悬空检测"按键并点击，在右边界面确认进行检测，检测完成后，在左上角点击"自动支撑"即可；
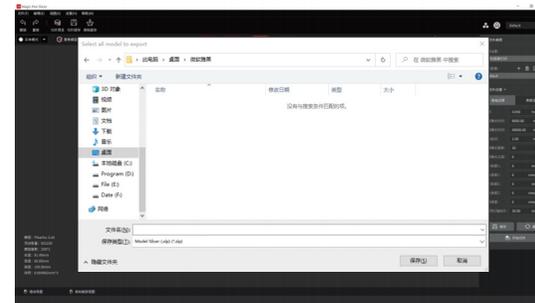
自动支撑
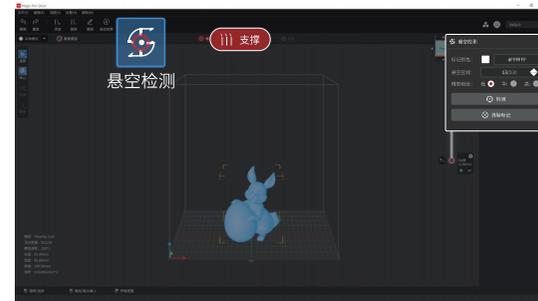
4. 切片：确认支撑完毕后，点击模型上方的"切片"，若需要设置切片参数，可点击切片设置进行调整，保存切片设置后，在右边界面点击确认开始切片，切片完成后，在左上角点击保存图标，确认完打印预览后，点击保存文档即可。

切片预览

首次打印操作

1. 先将模型生成.zyslr/.zip文件保存到U盘；

2. 插入U盘，待屏幕出现U盘已插入弹窗；

USB

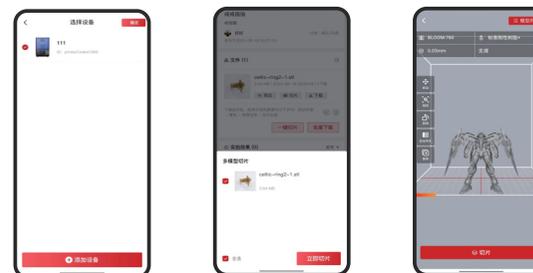**3.** 点击"U盘"图标，选择文件，点击模型文件，选择设备参数，开始打印。

注：

1. 如果想要自定义参数，请在模型切片的时候设置好参数，打印时选择点击文件参数即可；

2. 如果在打印过程中，想要暂停查看打印情况，可以点击"暂停"，若要继续打印就再点击"开始"即可；
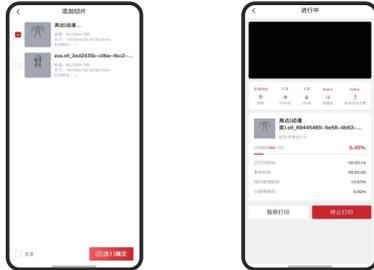
3. 如果想取消打印，请直接按"结束"，确认取消打印即可。

云平台使用介绍

1. 下载章鱼核APP，打开APP的工作台，添加打印机设备，进行绑定（注意，请确认手机和打印机在同一个WiFi网络里）；

2. 确认设备绑定成功后，选择设备，导入文件，在线切片处理；

3. 文件处理完毕后，选择开始打印即可，可随时打开工作台监控打印机情况。

打印之后操作

注： 卸下模型时，请注意不要损坏树脂托盘底部的FEP胶片或液晶屏面板。

Brand Story

OCTOPUS WORKS is a company specializing in 3D printing additive manufacturing. Relying on long-term in-depth communication with users, we deeply understand that numerous problems and challenges faced by users in the usage of 3D printing technology may hinder the successful presentation of ideas.

OCTOPUS WORKS strives to become users' best partner in the process of creating ideas, assisting them to solve problems during the usage of 3D printing and smoothly transforming their imagination into real achievements.

We believe that close cooperation with users can help create a colourful world that is dominated by digitization and supplemented by visual information, thereby making 3D printing technology reach its full potential.

Printer Parameters

Print Size	163mm*102mm*180mm
Print Speed	20-60mm/h
DPI Value	635
Print Accuracy	40μm*40μm
Supporting Slicing Software	Magic Pen Slicer
Supporting Resin Type	Water Wash Resin, ABS-Like Resin
Touch Screen Size	5 inches
Rated voltage	100V-240V
Equipment Size:	260*260*465mm
Package Size	315*315*562mm
Net Weight	6.55KG
Gross Weight	8.3KG

Usage of Magic Pen Slicer Software

1. **Select Model**: Click "File" to open the model file. If the file is damaged, you can click Auto Repair File;
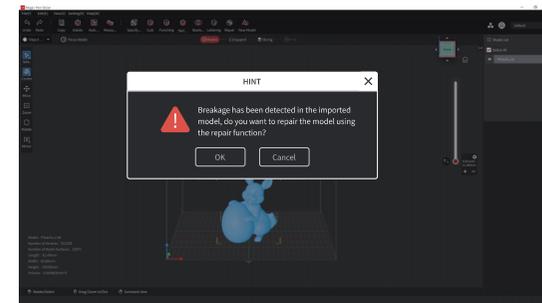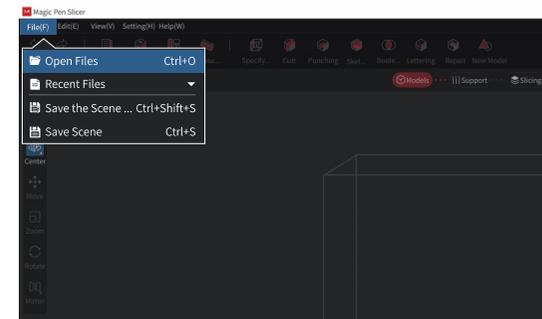
**2.** **Adjust the Model Size:** Click "Zoom", and then click "Lock Scale" button in the right interface to adjust the model to a desired size based on the scale;

Zoom
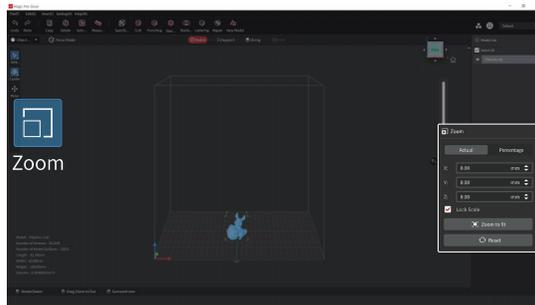
3. **Model Support:** Click "Support" on the top of model after determining the model size, find out and click the "Dangling Detection" button in the upper left corner, and click OK in the right interface to start detection. After detection, click "Auto Support" in the upper left corner;

Dangling Detection

Auto Support
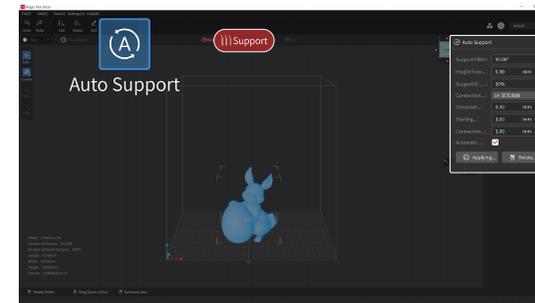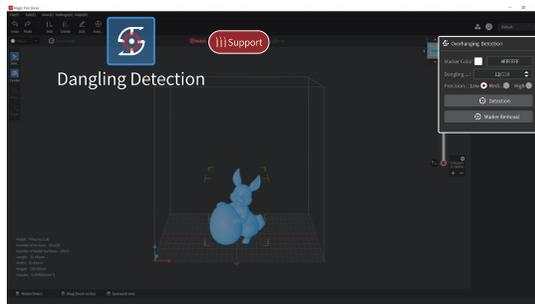
4. **Slicing:** After confirming the support, click "Slice" on the top of the model. If you need to set the slice parameters, click on the Slice Settings to make an adjustment and save the settings, and then click OK on the right interface to start slicing. After slicing is complete, click the Save icon in the upper left corner, confirm the print preview, and finally click to save the document.

Slice Preview
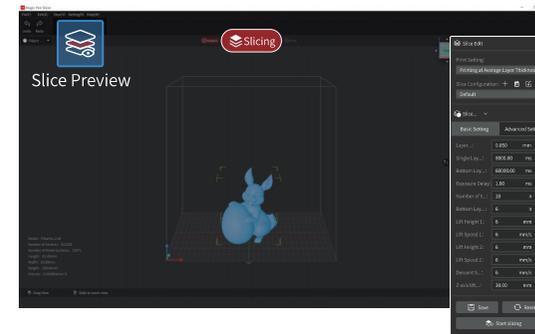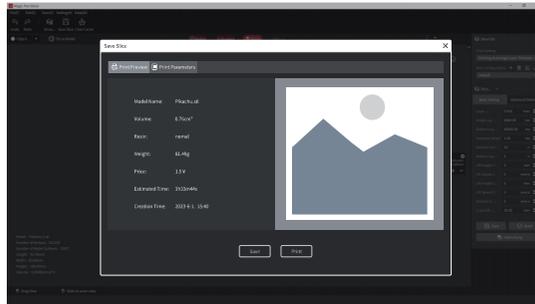
First Print Operation

1. Save the .zyslr/.zip file generated from the model to a USB flash drive;

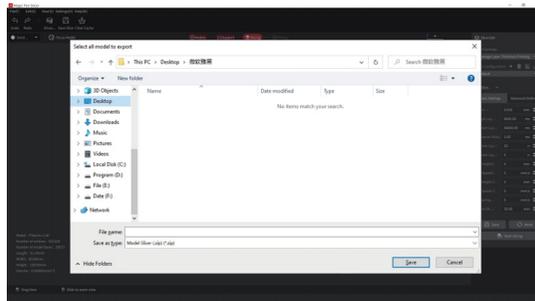2. Insert the USB flash drive and wait until the USB Flash Drive Inserted pop-up window is shown on the screen;
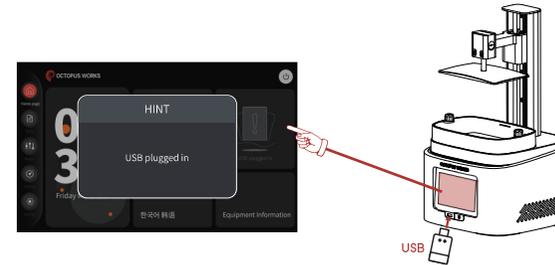
3. Click the USB flash drive icon, select the file, click the model file, select the equipment parameter, start printing。

Notes:

1. If you want to customize parameters, please set up parameters when　slicing the model, and then choose to click the file parameters when printing;

2. If you want to pause the printing to check the printing situation, you can click "Pause", and then click "Start" to continue to print;

3. If you want to cancel the print, you can directly press "Stop" and then confirm to cancel the print.

Cloud Platform Instructions

1. Download the Octopus Core APP, open the workbench of the APP, add the printer and bind it to the phone (Note: please make sure that the phone and the printer use the same WiFi);
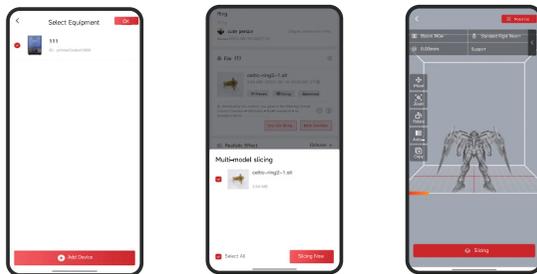
Android

iOS

Specialized
in
3D
model
printing

Octopus Core

Add Device

Scan the QR code on the device

Scan code to add   Add manually

2. After confirming the success of device binding, select the device, and then import a file to conduct slice processing online;

Select Equipment   OK

Add Device

Multi-model slicing

Select All   Slicing Now

3. After the file processing, choose to start printing, and you can enter the workbench to monitor the print progress at any time.

Add Slice

In Progress

Gundam (anime...

Select All

Pause Printing   Stop Printing
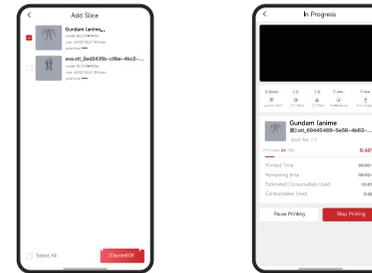
Operation After Printing

Note: When removing the model, please ensure that you do not cause any harm to the NFEP film or LCD panel at the bottom of resin tray.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.