

Enjoy!



Please visit the PicoCreate website for more products operation and maintenance tutorials.

Note: The UI interface is only for reference, and shall be subject to the actual UI.

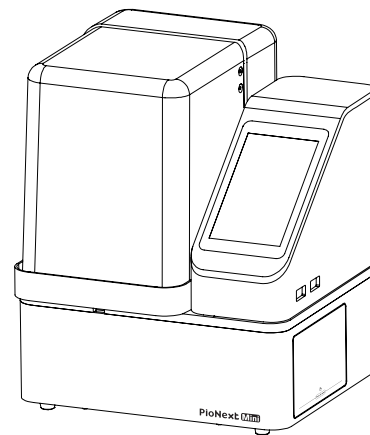
请打开随机U盘，查看其中的视频教程

注：UI界面仅供参考，具体以实际UI为准

PioNext Mini

Quick Start Guide

快速入门指南

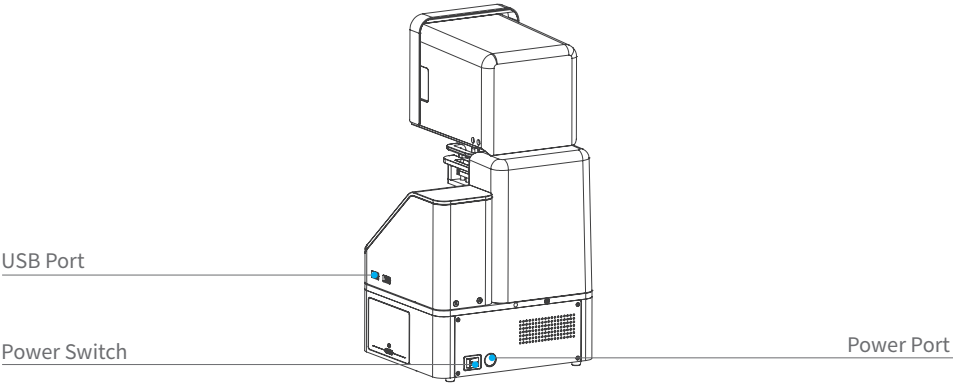
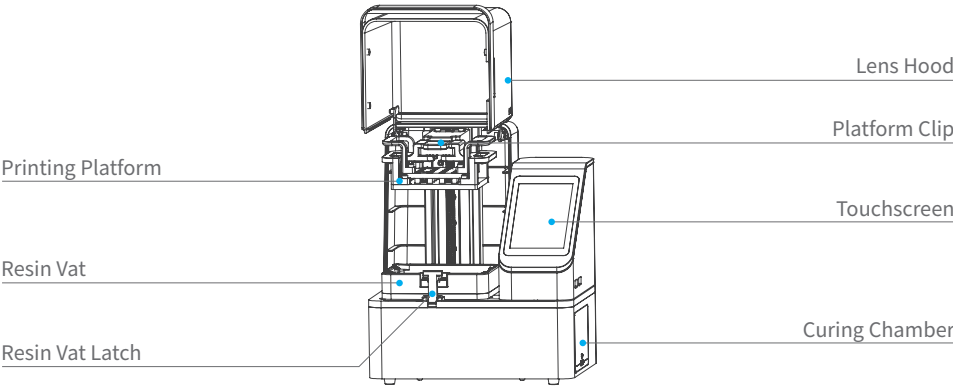


Usage scenarios

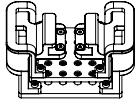
This product is designed for indoor use only

Please refer to this guide to complete the installation and printing of the printer.
*Safety Notice: Do not power on the printer before installation is complete.

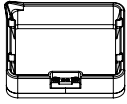
Component Introduction



List of Accessories



Printing Platform
×1



Resin Vat
×2



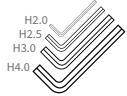
Resin Vat Dust Cover
×2



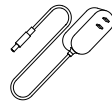
Wash Mini
×1



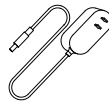
U Disk
×1



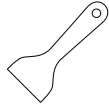
Hex Keys Set
×1



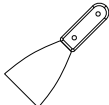
PioNext Mini
Power Adaptor ×1



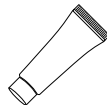
Wash Mini
Power Adaptor ×1



Plastic Blade
×1



Metal Blade
×1



Lubricant
×1



Paintbrush
×1



Disposable Latex Gloves
×1



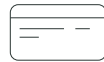
Filters
×4



Qualified Certificate
×1



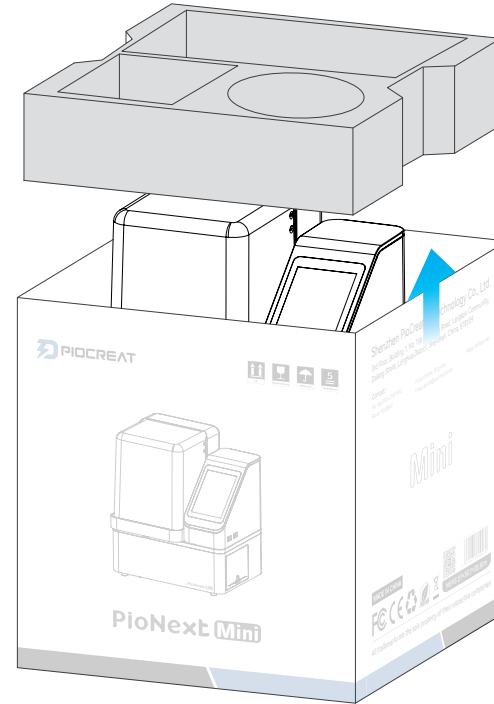
Quick Start
Guide ×1



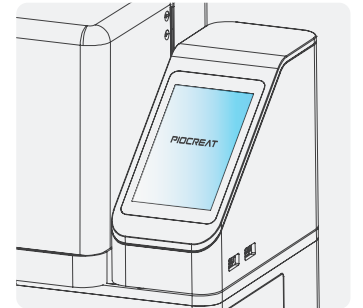
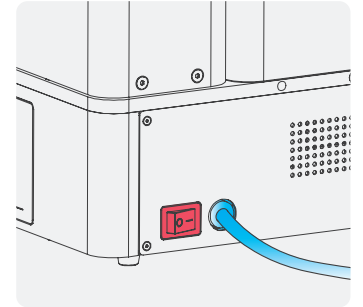
After-Sales
Service Card ×1

Quick Start Operation Schematic

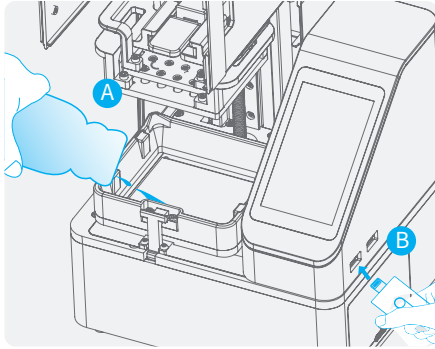
① Unpack the Wash Mini, power adapter, and other accessories from the box. Then, remove the top foam.



② Connect power to PioNext Mini and switch on to start.



First Printing



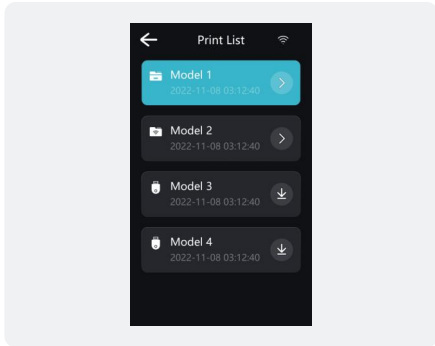
- A. Fill the resin vat.
B. Insert the included USB drive.

1

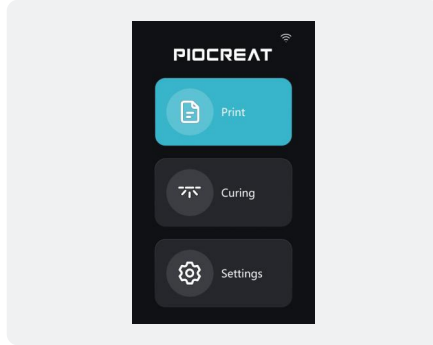
2

3

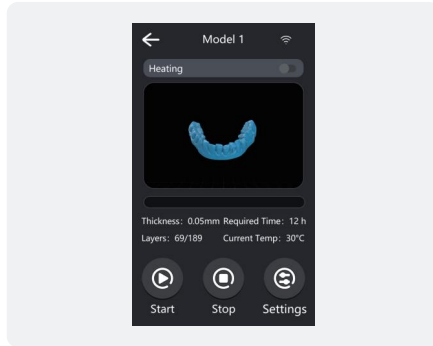
4



Select the pre-sliced file stored in the device.

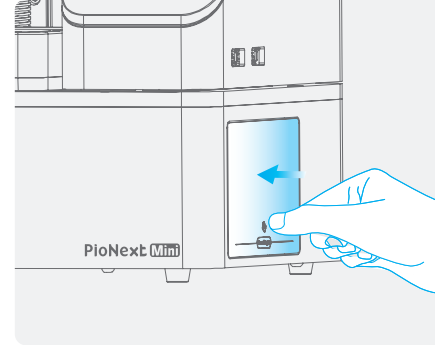


Tap "Print" on the home page.



Click "Start" to start the first print.

First Curing



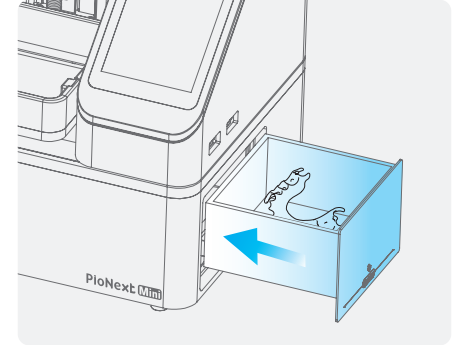
Press it inward to eject the curing chamber, then remove it.

1

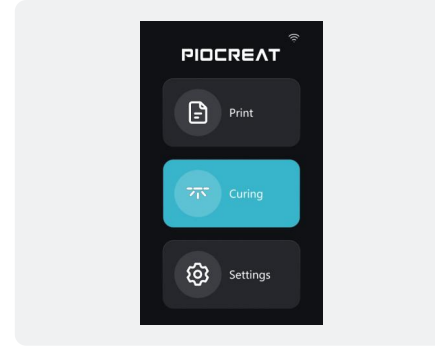
2

3

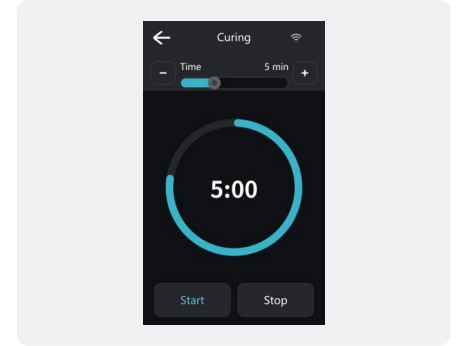
4



Place the model inside, and reinstall the curing chamber into the machine.

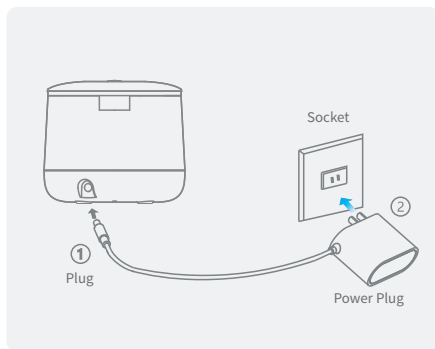


On the main interface, tap "Curing".



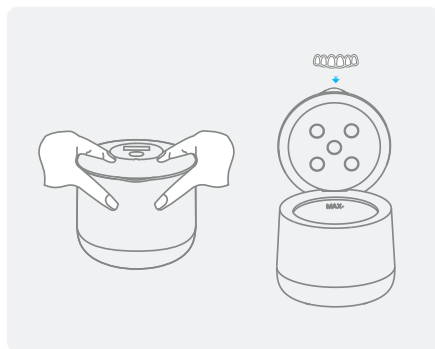
Set the curing time, tap "Start" to begin the first curing process.

Ultrasonic Cleaning



With the power cord connected, the device is in standby with its digital display reading **888**.

1



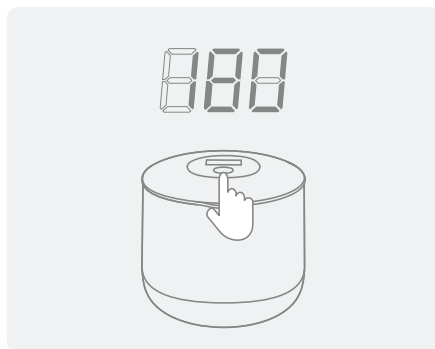
Place the machine on a level surface and open the lid. Then, gently place the dental model into the cleaning tank.

2



Fill the tank with clean water or alcohol, being sure not to exceed the "MAX" water level line.

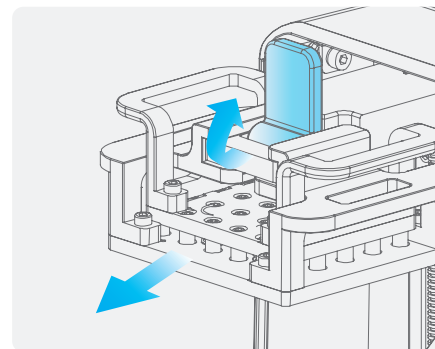
3



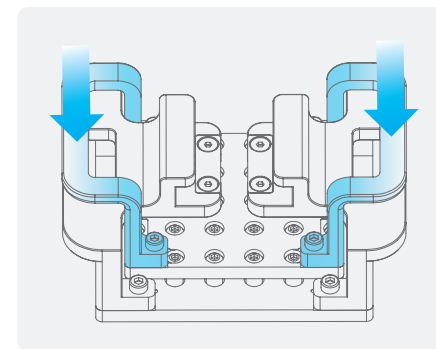
Press the button to initiate the ultrasonic function, which will operate for 3 minutes.

4

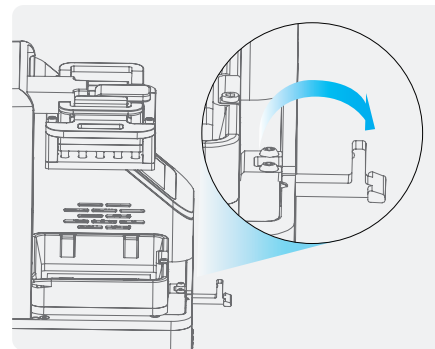
Remove Model & Replace Resin Vat



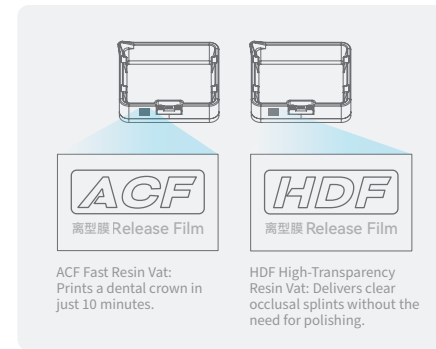
Lift the platform latch up to release and remove the printing platform.



Press down on the printing platform with both hands to detach the model from it.



Pull the resin vat latch outward to release and remove the vat.

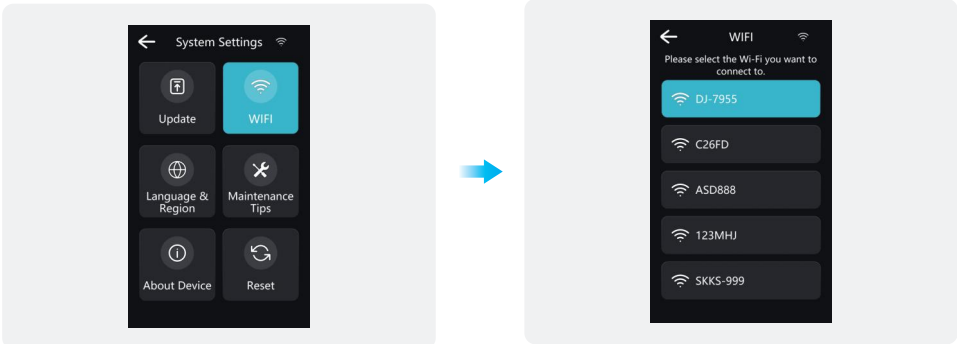


ACF Fast Resin Vat:
Prints a dental crown in
just 10 minutes.

HDF High-Transparency
Resin Vat: Delivers clear
occlusal splints without the
need for polishing.

When installing the resin vat,
note the type of pre-installed release liner.

Connect Device to Network & Install Software



In the main interface of the device, go to “Settings” → “System Settings” → “Wi-Fi”, select the Wi-Fi you want to connect to, and network the device.



Piocreat BOX

Download the installation package from www.piocreat3d.com
Read the installation package from a random USB flash drive

Tips: This product supports CHITUBOX Dental. Contact customer service to receive a free 3-month CHITUBOX Dental slicing software license.

Technical Specifications

PioNext Mini		
Body Parameters	Printing Size	80mm×70mm×80mm
	Machine Size	200mm×170mm×241mm
	Package Size	310mm×307mm×340mm
	N.W.	4.86kg
	G.W.	6.8kg
Printing Parameters	Printing Technology	LCD
	Light Source Wavelength	385nm、405nm
	Resolution	9K (8520*4320px)
	Pixel Size	18μm
	Layer Thickness	0.01-0.1mm
	Printing Speed	Max.60mm/h
	Touch Screen	3.97-inch Capacitive Color Touch Screen
System Parameters	Slicing Software	Piocreat BOX
	Data Transmission	USB/WIFI
	Input Voltage	100-240V~, 50/60Hz
Supported Consumables	Power	120W
	Ceramic Crown Resin / Surgical Guide Resin / Crown & Bridge Resin / Temporary Restoration Resin / Denture Base Resin / Removable Die Model Resin / Ortho Model Resin / Ortho Model 2.0 Resin and other official authorized resin	

IC ID Requirement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference;
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

FCC Requirement

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;
- (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 a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

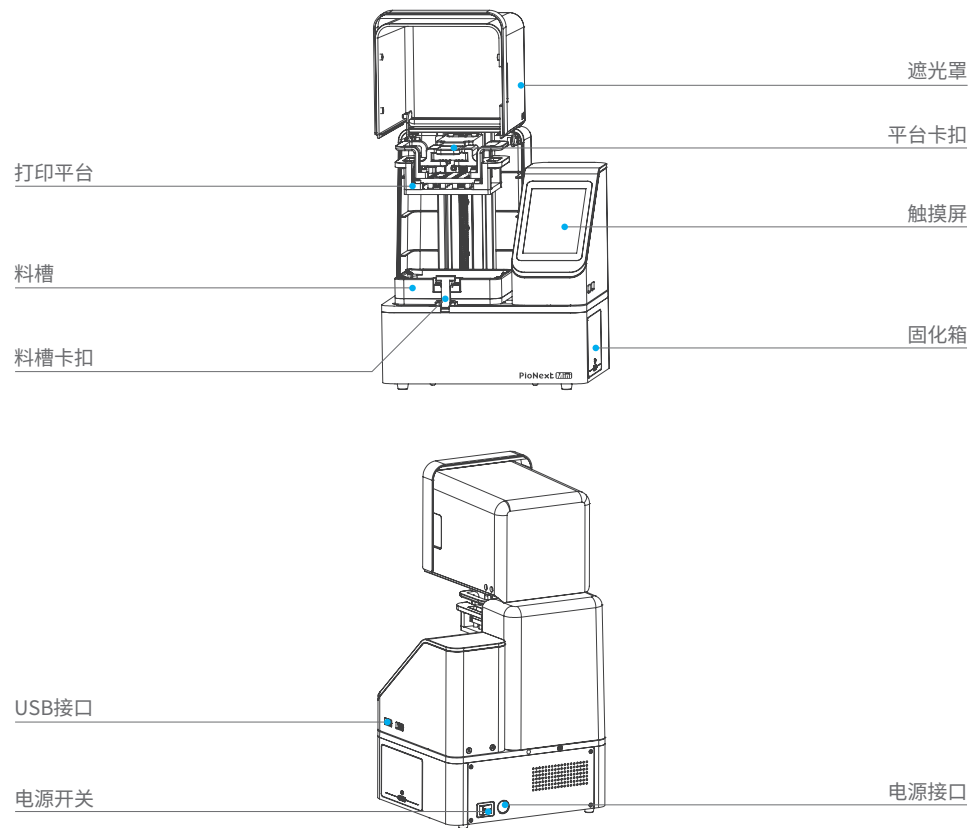
使用场景

本产品仅适用于室内

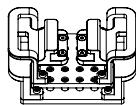
按照本指南操作，轻松完成打印机安装及首次打印等基础操作

*安全提示:请勿在打印机安装完成前通电

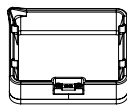
部件介绍



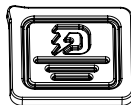
配件清单



打印平台 × 1



料槽 × 2



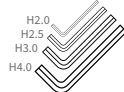
料槽防尘盖 × 2



Wash Mini × 1



U盘 × 1



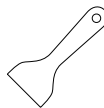
内六角扳手工具包 × 1



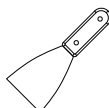
PioNext Mini
电源适配器 × 1



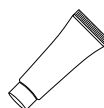
Wash Mini
电源适配器 × 1



塑料刮刀 × 1



金属铲刀 × 1



润滑脂 × 1



油漆刷 × 1



一次性乳胶手套 × 1



纸滤网 × 4



合格证 × 1



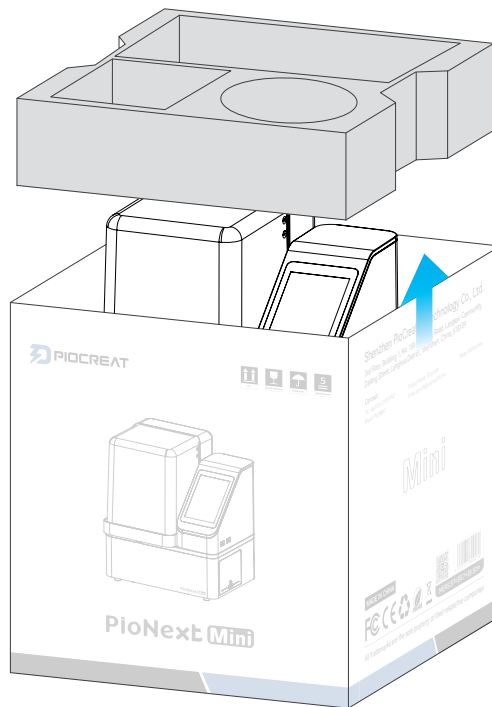
快速入门指南 × 1



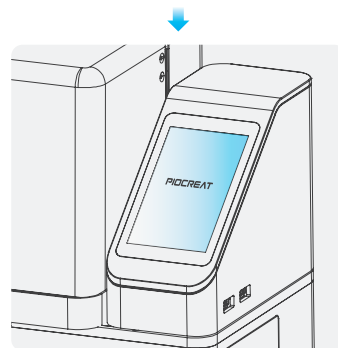
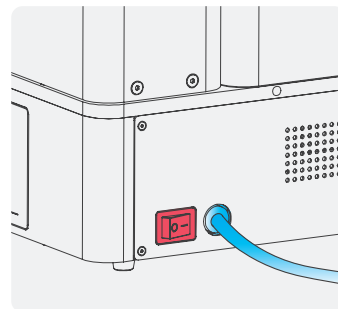
售后服务卡 × 1

快速装机操作示意

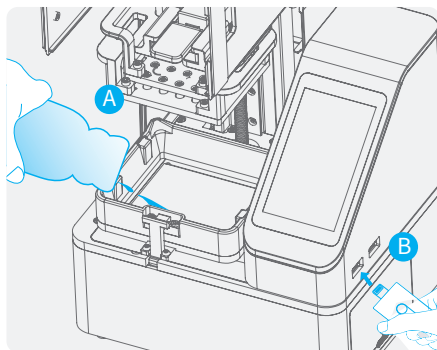
① 开箱取出Wash Mini、电源适配器等配件，
取出顶部泡棉；



② 取出PioNext Mini, 连接电源适配器线
后开启电源开关, 即可完成开机操作。



首次打印



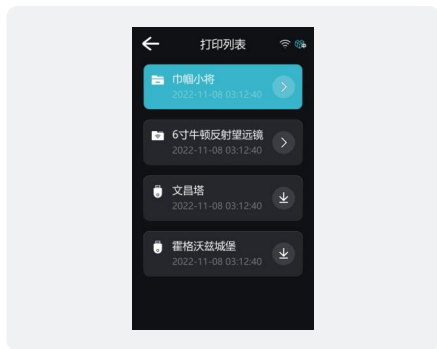
A. 料槽内加入树脂; B. 插入随机U盘;

1

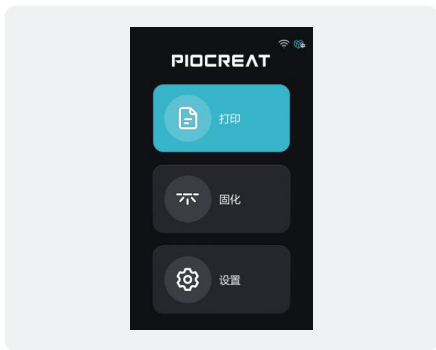
2

3

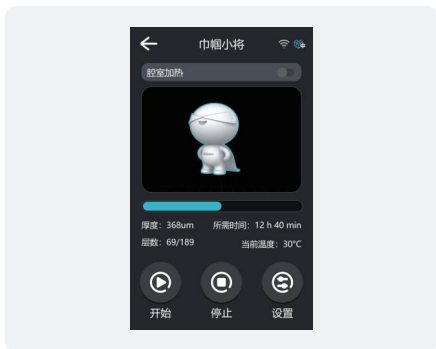
4



选择本地存储内置已切片好的文件;

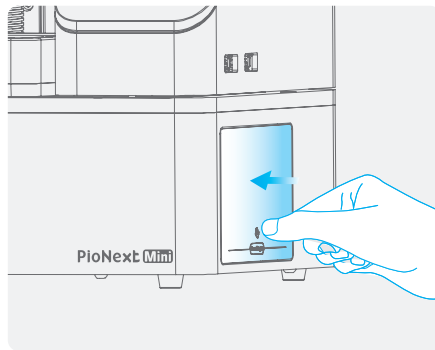


主界面点击“打印”;



点击“开始”,即可开始首次打印。

首次固化



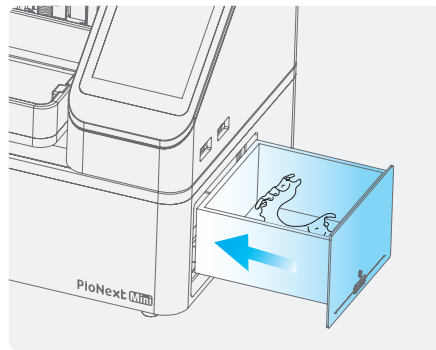
向内按压,弹出固化箱后将其取出;

1

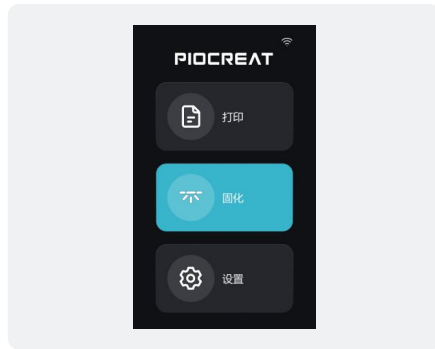
2

3

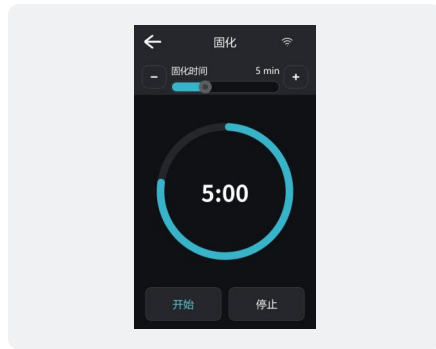
4



放入模型, 将固化箱装回机器内;

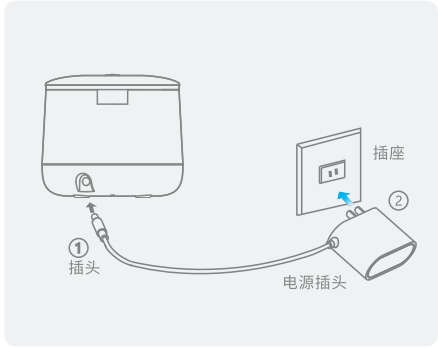


主界面点击“固化”;



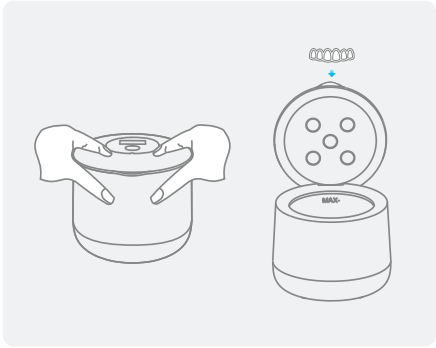
设置固化时间,点击“开始”,即可开始首次固化。

超声波清洗



将电源线连接产品和电源插座，
机器处于待机状态，数显屏处于888；

1 2

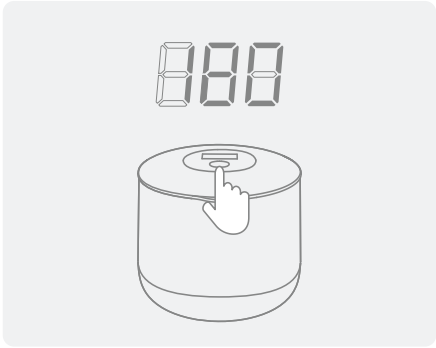


机器水平放置，打开盖面，
将牙模轻轻放入清洗槽中

3 4

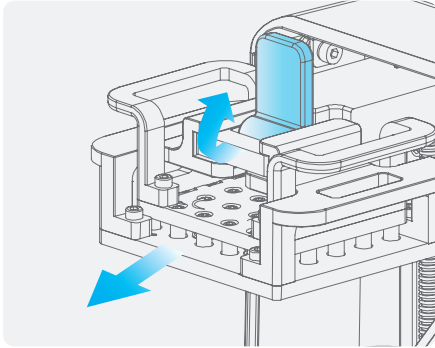


倒入清水/酒精，不能超过"MAX"水位线；

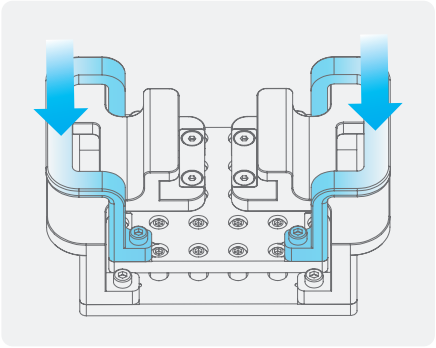


单击按键开启超声波功能，工作三分钟。

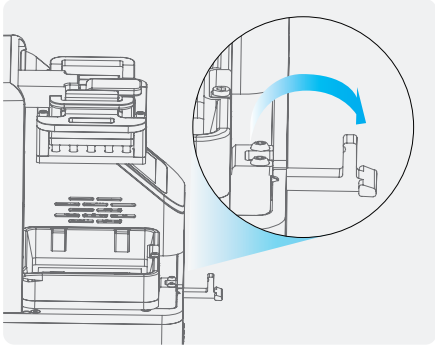
取出模型、更换料槽



将平台卡扣往上升，即可取出平台板；



双手向下按压平台板，可将模型直接脱离平台板。

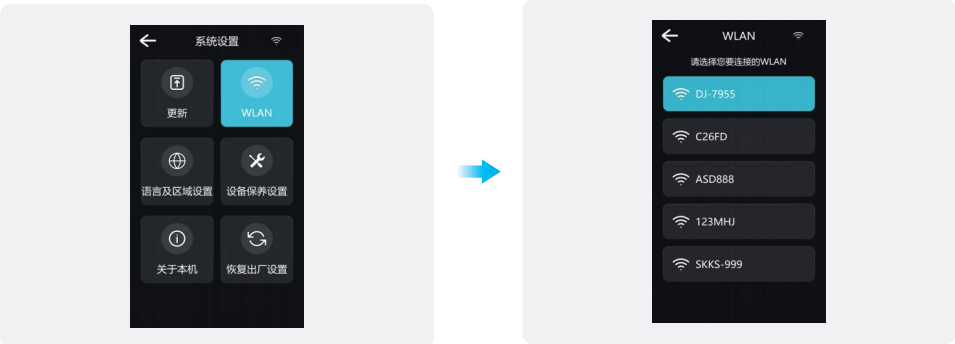


向外掰开料槽卡扣即可取出料槽；



选装料槽时需注意料槽预装的离型膜类型。

设备联网、安装软件



设备主界面进入“设置”→“系统设置”→“WLAN”中，选择需要连接的WLAN，为设备联网；



Piocreat BOX

www.szc3d.com官网下载安装包/
随机U盘读取安装包

温馨提示：本产品支持CHITUBOX Dental，联系客服可免费领取3个月CHITUBOX Dental切片软件授权

技术参数

PioNext Mini		
主体参数	打印尺寸	80mm×70mm×80mm
	设备尺寸	200mm×170mm×241mm
	包装尺寸	310mm×307mm×340mm
	净重	4.86kg
	毛重	6.8kg
打印参数	成型技术	LCD
	光源波段	385nm、405nm
	分辨率	9K (8520*4320px)
	像素尺寸	18μm
	层厚	0.01-0.1mm
系统参数	打印速度	Max.60mm/h
	触摸屏	3.97吋电容式触摸彩屏
	切片软件	Piocreat BOX
	数据传输	USB/WIFI
	输入电压	100-240V~, 50/60Hz
支持耗材	额定功率	120W
	陶瓷冠树脂、导板树脂、冠桥树脂、临时牙树脂、基托树脂、修复模型、正畸模型、正畸模型2.0及其他官方授权树脂	