

Enjoy!



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

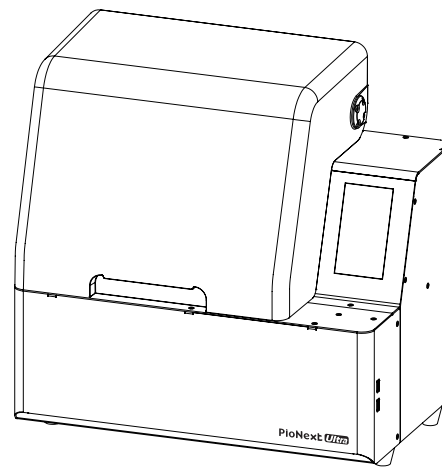
Note: The UI interface is only for reference, and shall be subject to the actual UI.

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 Ultra

Quick Start Guide 快速入门指南



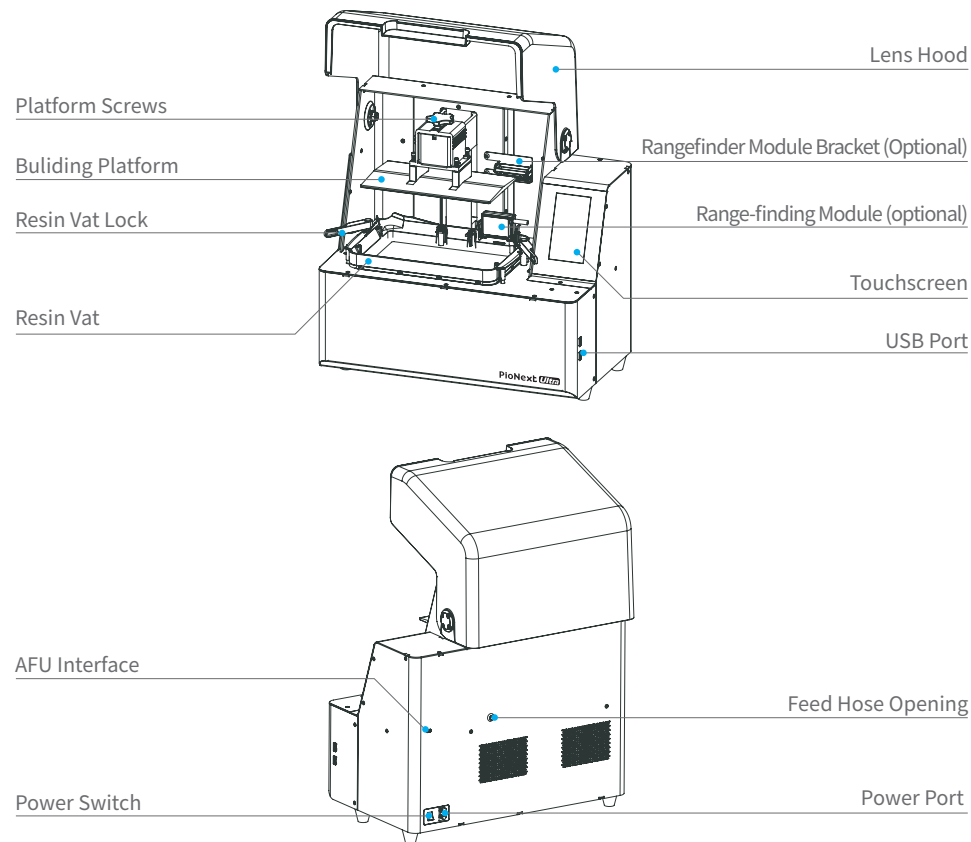
Usage scenarios

This product is designed for indoor use only

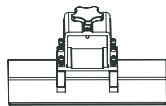
Please refer to this guide to complete the installation and printing of the printer.

*Safety Notice: Do not power on the printer before installation is complete.

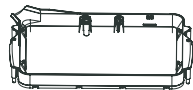
Component Introduction



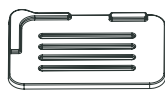
List of Accessories



Printing Platform
×1



Resin Vat
×1



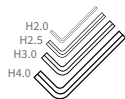
Resin Vat Dust Cover
×1



Power Cable
×1



U Disk
×1



Hex Keys Set
×1



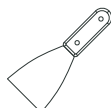
Disposable Latex Gloves
×1



Filters
×4



Plastic Blade
×1



Metal Blade
×1



Lubricant
×1



Paintbrush
×1



Calibration Card
×1



Qualified Certificate
×1



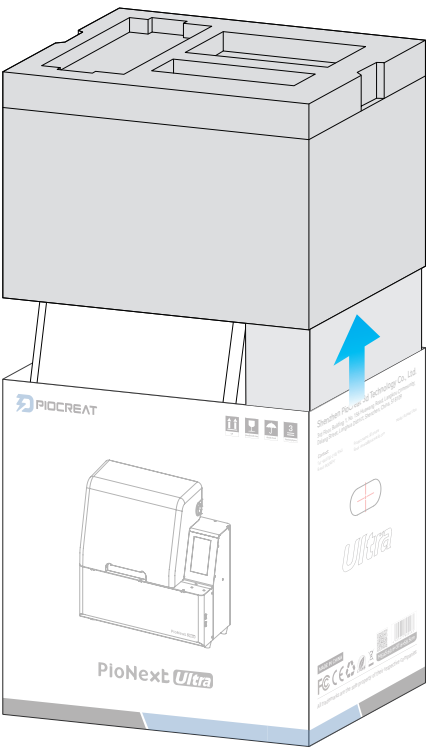
Quick Start
Guide ×1



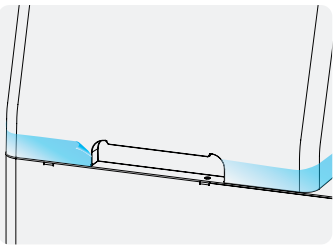
After-Sales
Service Card ×1

Quick Start Operation Schematic

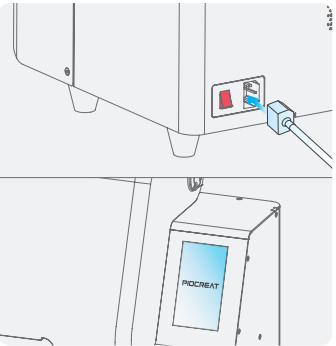
① Unpack the accessories such as the dust cover of the material tank and the power cable, remove the protective foam from the top and the right side of the machine.



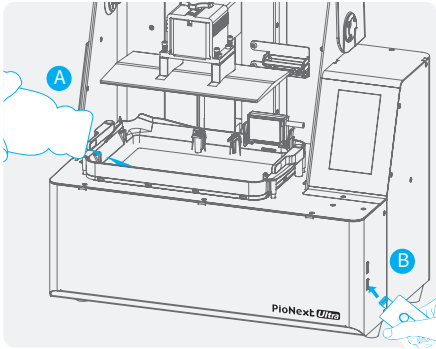
② Remove the seamless tape between the hood and the base, open the hood, and take out all the foam inside the machine.



③ Once the power cord is connected, turn on the device switch to complete the startup operation.



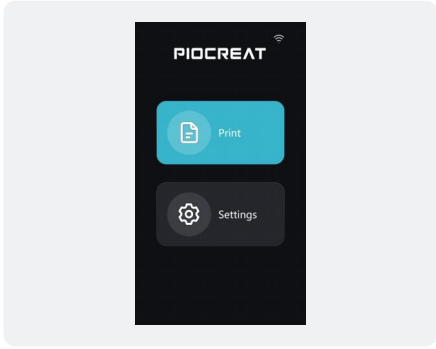
First Printing



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

1

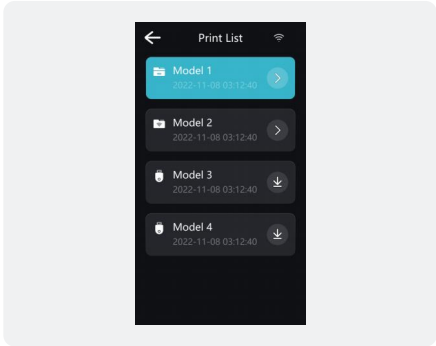
2



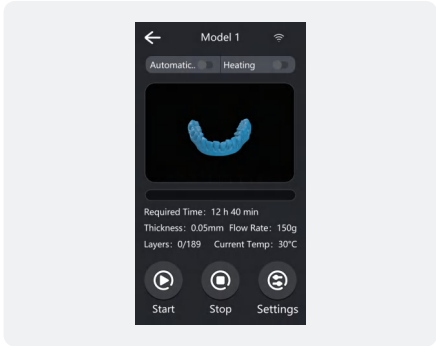
Tap "Print" on the home page.

3

4

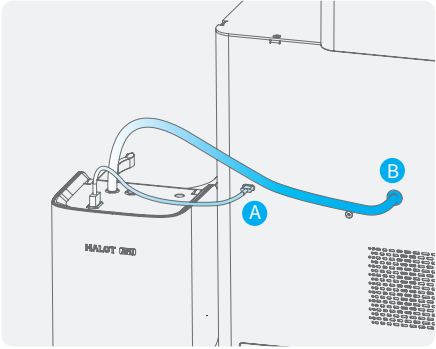


Select the pre-sliced file stored in the device.



Click "Start" to start the first print.

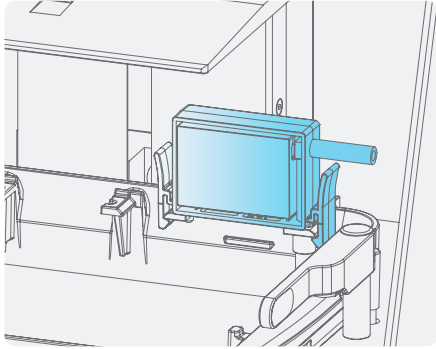
Connect AFU (Optional)



A. Plug one end of the AFU control cable into the I/O port.
B. Thread the feed hose through the AFU material pipe through-hole.

1

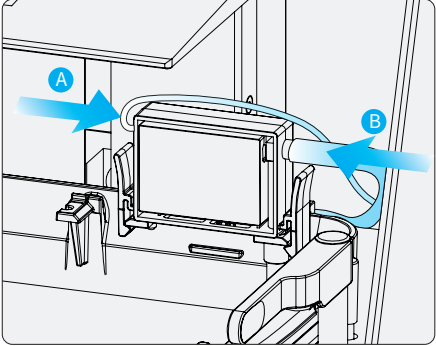
2



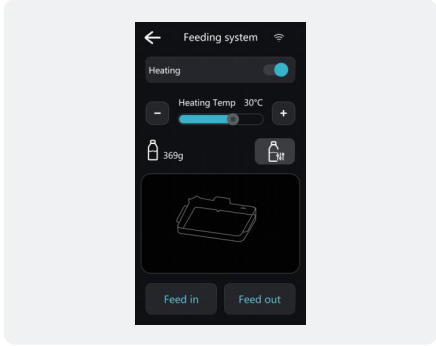
Remove the detection module and install it into the fixed position on the material tank.
Press down until the buckle makes a "click" sound.

3

4

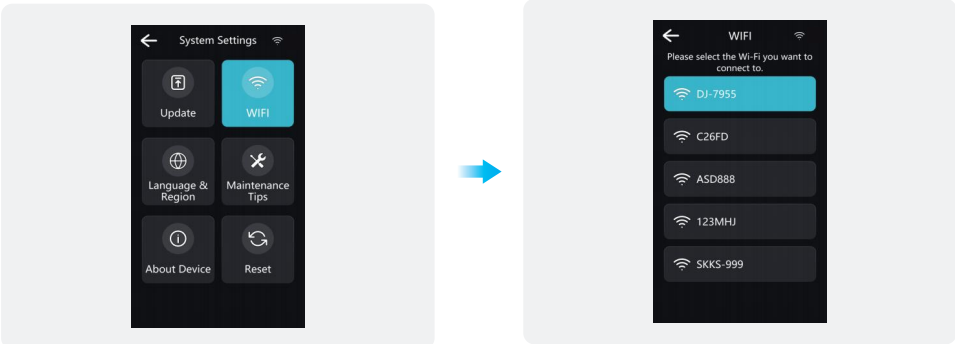


A- Insert the control cable vertically into the connection port of the detection module.
B- Insert the feed hose vertically into the feed port of the detection module.



Click "Settings" → "Feeding System" on the main interface.
If you can successfully access the "Feeding System", it indicates that the AFU has been connected.

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 Ultra		
Body Parameters	Printing Size	211.68mm×118.37mm×100mm
	Machine Size	468mm×286mm×470mm
	Package Size	600mm×370mm×585mm
	N.W.	19.78kg
	G.W.	23.67kg
Printing Parameters	Printing Technology	LCD
	Light Source Wavelength	385nm、405nm
	Resolution	16K (15120*6230px)
	Pixel Size	14*19μm
	Layer Thickness	0.01-0.1mm
	Printing Speed	Max.60mm/h (0.1mm)
	Touch Screen	5-inch Capacitive Color Touch Screen
System Parameters	Slicing Software	Piocreat BOX
	Data Transmission	USB/WIFI
	Input Voltage	100-240V~, 50/60Hz
Supported Consumables	Power	660W
	Removable Die Model Resin / Ortho Model Resin / Ortho Model 2.0 Resin / Dental Casting Resin / Surgical Guide Resin / Surgical Guide Pro Resin / Temporary Restoration Resin / Denture Base Resin / Crown & Bridge 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 6 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 6 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

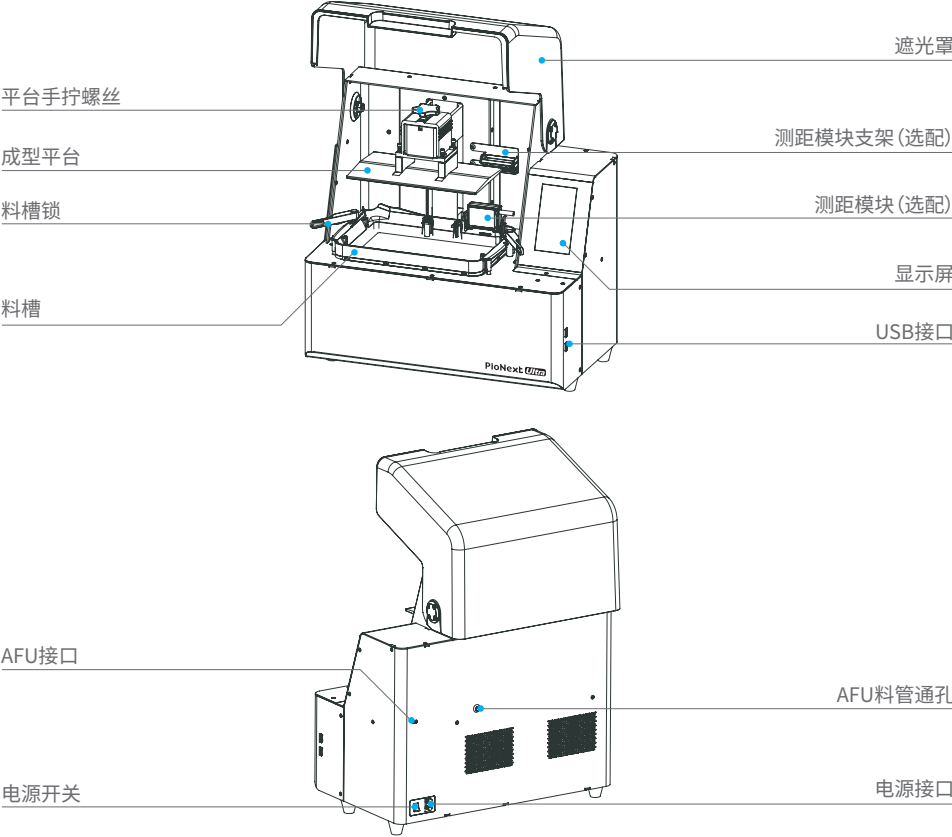
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna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

使用场景

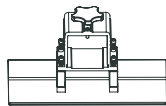
本产品仅适用于室内

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

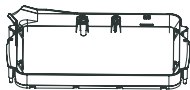
部件介绍



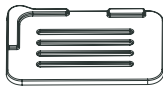
配件清单



打印平台 × 1



料槽 × 1



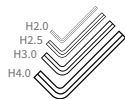
料槽防尘盖 × 1



电源线 × 1



U盘 × 1



内六角扳手工具包 × 4



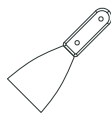
橡胶手套 × 1



纸滤网 × 4



塑料刮刀 × 1



金属铲刀 × 1



润滑脂 × 1



油漆刷 × 1



校准卡片 × 1



合格证 × 1



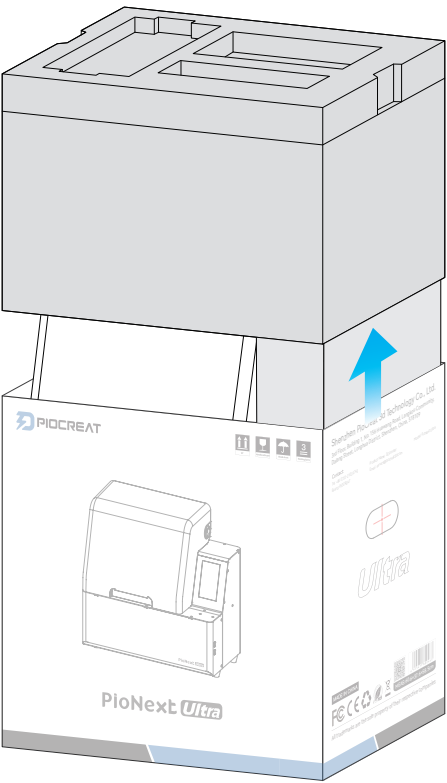
快速入门指南 × 1



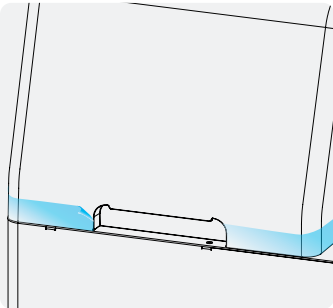
售后服务卡 × 1

快速装机操作示意

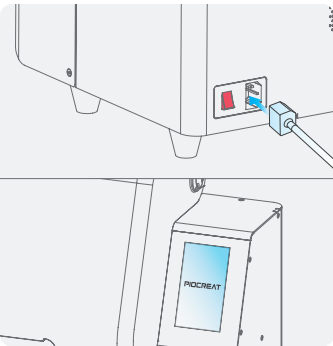
① 开箱取出料槽防尘盖、电源线等配件，取出顶部泡棉和机器右侧保护泡棉；



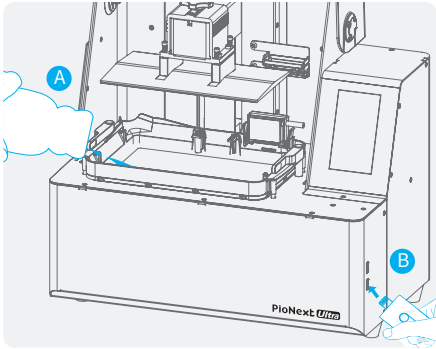
② 将遮光罩与底座间的无痕胶带撕掉，打开遮光罩，取出机器内部所有泡棉；



③ 连接电源线后开启设备开关，即可完成开机操作。



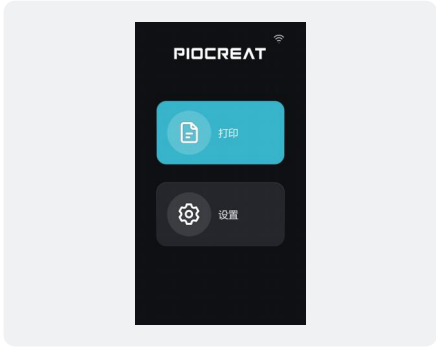
首次打印



A. 料槽内加入树脂; B. 插入随机U盘;

1

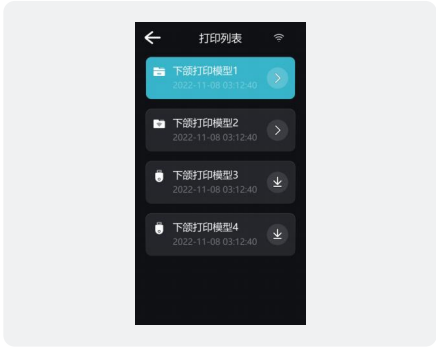
2



主界面点击“打印”;

3

4

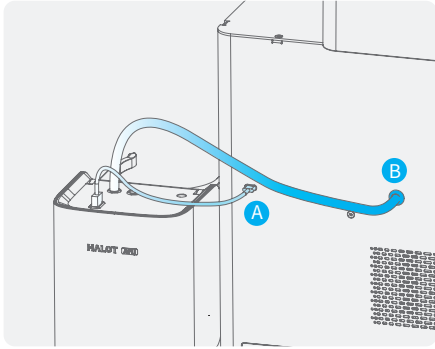


选择本地存储内置已切片好的文件;



点击“开始”,即可开始首次打印。

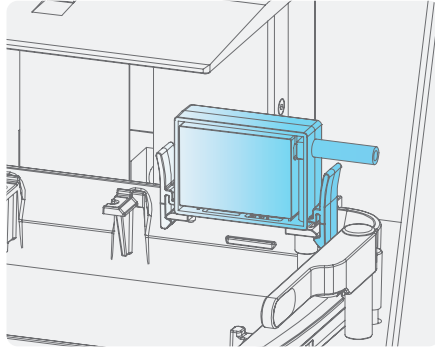
连接AFU (选配)



A. AFU控制线一端接入I/O接口;
B. 将进料软管穿过AFU料管通孔;

1

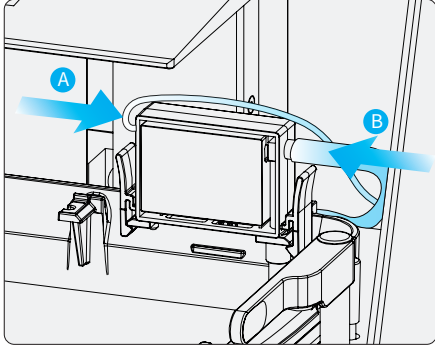
2



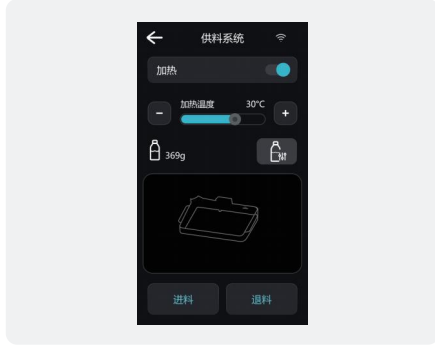
将检测模块从支架上取下,安装到料槽固定位上,
向下按压直至卡扣发出“咔嗒”声。

3

4

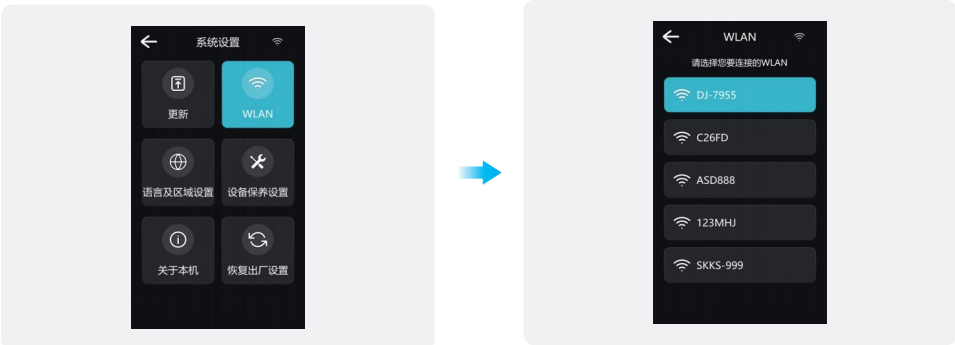


A-将控制线垂直插入检测模块接口;
B-将进料软管垂直插入检测模块进料口;



主界面点击“设置”→“供料系统”
能够进入“供料系统”即已接入AFU。

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 Ultra		
主体参数	成型尺寸 (长×宽×高)	211.68mm×118.37mm×100mm
	机器尺寸	468mm×286mm×470mm
	包装尺寸	610mm×380mm×585mm
	机器净重	19.78kg
	机器毛重	23.67kg
打印参数	成型技术	LCD
	光源波段	385nm、405nm
	分辨率	16K (15120*6230px)
	像素尺寸	14*19μm
	层厚	0.01-0.1mm
	打印速度	Max.60mm/h (0.1mm层厚)
	触摸屏	5吋电容式触摸彩屏
系统参数	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	660W
	修复模型、正畸模型、正畸模型2.0、牙科铸造、牙龈树脂、手术导板树脂、手术导板树脂Pro、临时牙树脂、基托树脂、冠桥树脂及其他官方授权树脂	