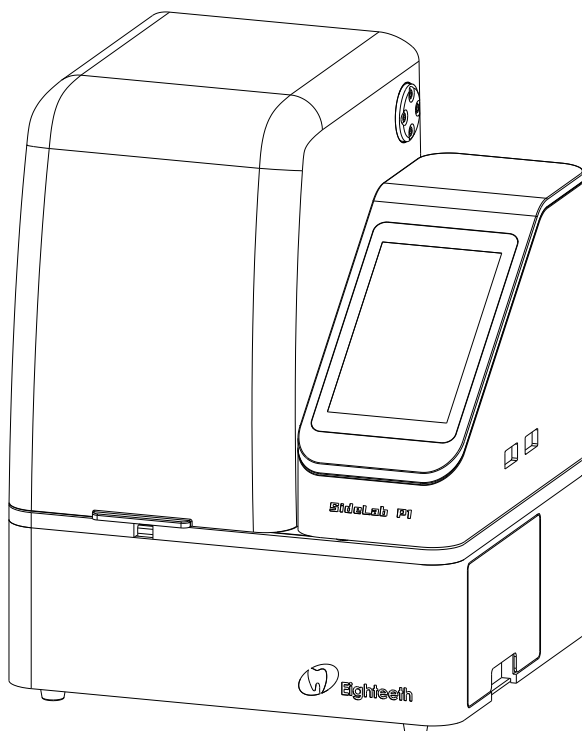




SideLab P1

USER MANUAL

Changzhou Sifary Medical Technology Co., Ltd.

P/N: IFU-8035001

Version: 01

Issued: 2026.06.03

Size: 197mm×140mm

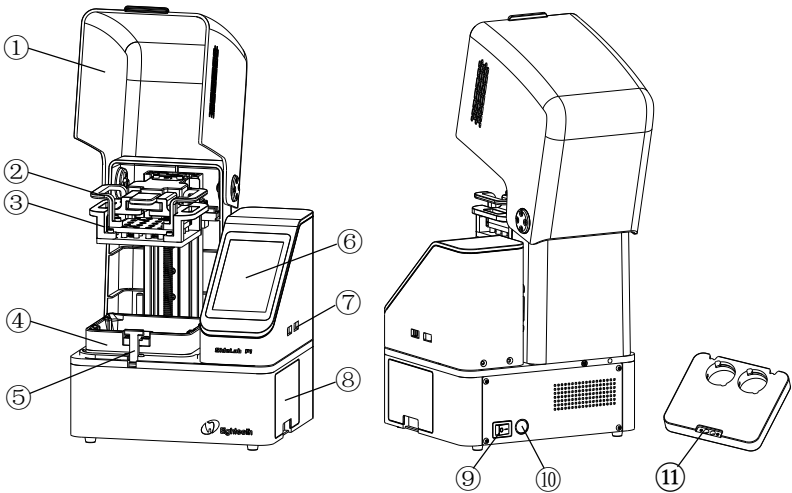
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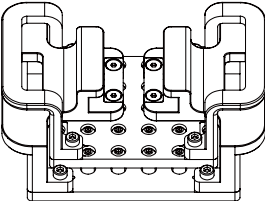
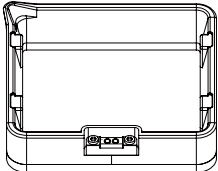
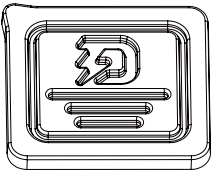
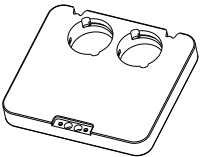
1. Scope of SideLab P1

1.1 Parts Identification

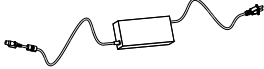


- ① Light Shield
- ② Platform Clip
- ③ Build Platform
- ④ Resin Vat
- ⑤ Resin Vat Latch
- ⑥ Touchscreen
- ⑦ USB Port
- ⑧ Curing Chamber
- ⑨ Power Switch
- ⑩ Power Port
- ⑪ Capsule Positioning Plate

1.2 List of accessories

Printer (1 pc) 	Build Platform (1 pc) 	Resin Vat (1 pc) 
Resin Vat Dust Cover (1 pc) 	Capsule Positioning Plate (1 pc) 	

Toolkit list

USB Drive (1 pc) 	Hex Keys Set (1 pc) 	Adapter (1 pc) 
Plastic Blade (1 pc) 	Metal Blade (1 pc) 	Paintbrush (1 pc) 
Disposable Latex Gloves (1 pc) 	Filters (4 pcs) 	

2. Symbols used

	General warning sign
	Caution
	Do not reuse
	Dispose of in accordance with the WEEE directive
	Keep dry
	Manufacturer's LOGO
	Refer to instruction manual

3. Before Use



Before use, please read the following instructions carefully:

- Do not use the printer any way other than described herein in order to avoid personal injury or property damage.
- Do not place the printer near any heat source or flammable or explosive objects. We suggest placing it in a well-ventilated, low-dust environment.
- Do not expose the printer to violent vibration or any unstable environment, as this may cause poor print quality.
- Please use recommended resin to in case damage of machine.
- Do not use any other power cable except the one supplied. Always use a grounded three-prong power outlet.
- Please do not open the plastic cover during usage, otherwise the printing will be interrupted.
- Do not wear cotton gloves when operating the printer. Such cloths may become tangled in the printers moving parts leading to burns, possible bodily injury, or printer damage.
- Please wait a moment after the print is finished. And please wear gloves to take out the print by tools.
- Clean the printer frequently. Always turn the power off when cleaning, and wipe with a dry cloth to remove dust, adhered printing plastics or any other material off the frame, guide rails, or wheels. Use glass cleaner or isopropyl alcohol to clean the print surface.
- This product is not intended for minors.
- This machine is equipped with a security protection mechanism. Do not manually move the nozzle or printing platform mechanism manually while booting up, otherwise the device will automatically

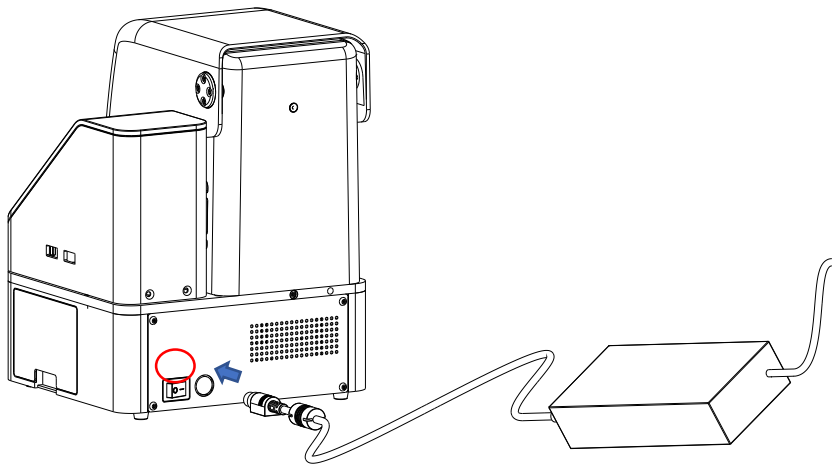
power off for safety.

- Users should comply with the laws and regulations of the corresponding countries and regions where the equipment is located (used), abide by professional ethics, pay attention to safety obligations, and strictly prohibit the use of our products or equipment for any illegal purposes. Piocreat will not be responsible for any violators' legal liability under any circumstance.

4. Install the SideLab P1

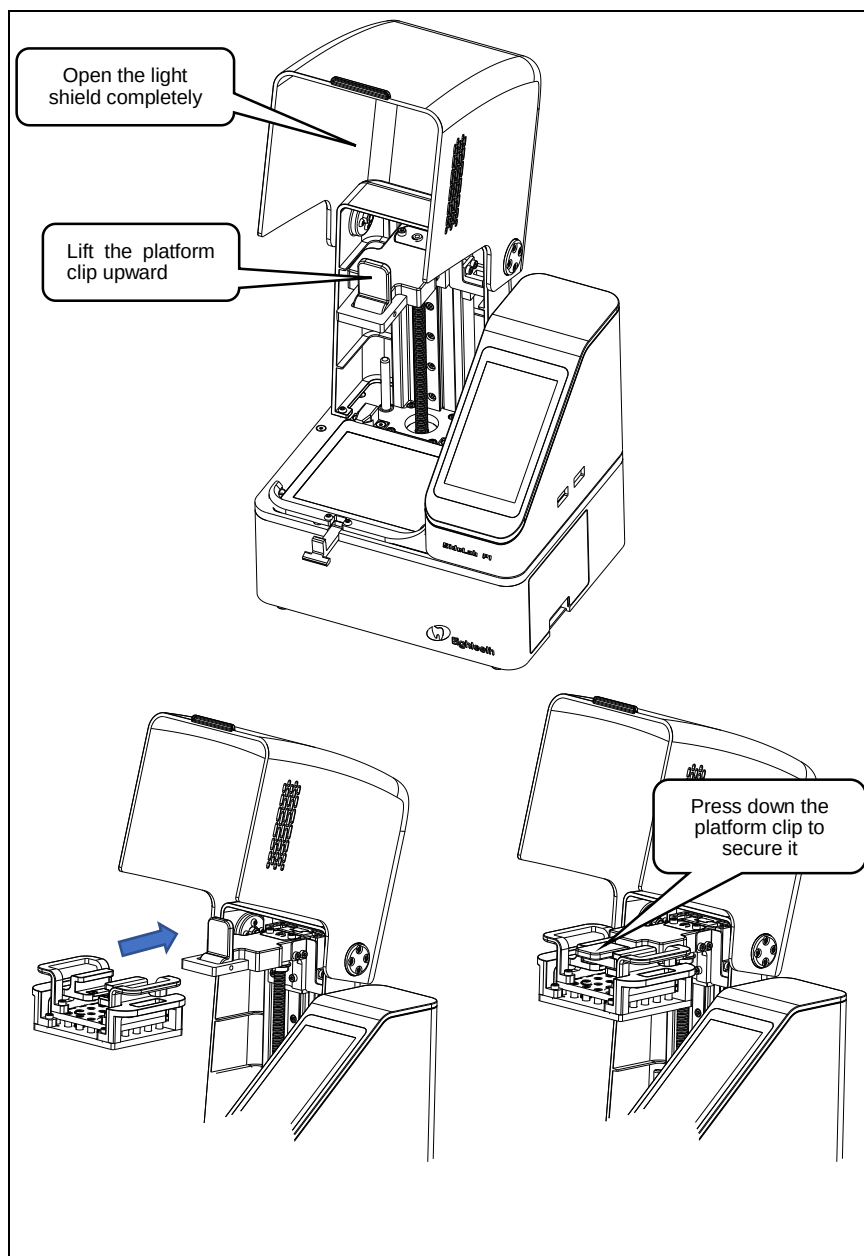
4.1 Connecting the Adapter

Insert the adapter connector into the corresponding port on the printer in the direction indicated by the arrow. Ensure that the power switch is in the OFF state (i.e., press the side marked with the “○” symbol), then connect the other end of the adapter to the power outlet to supply power to the printer.



4.2 Installing the Build Platform

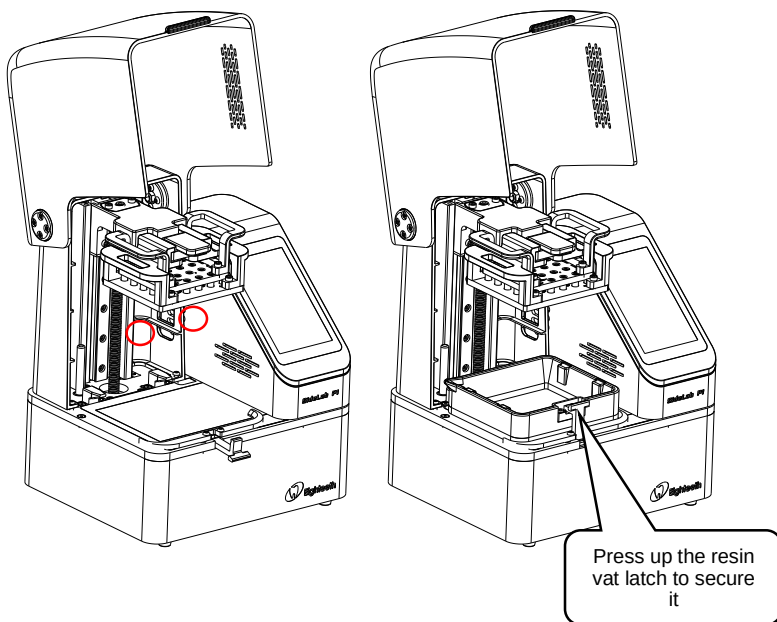
Open the light shield completely, lift the platform clip upward, align the build platform with the indicated direction, and fully insert it into the slot. Then press down the platform clip to secure the build platform.



4.3 Installing the Resin Vat

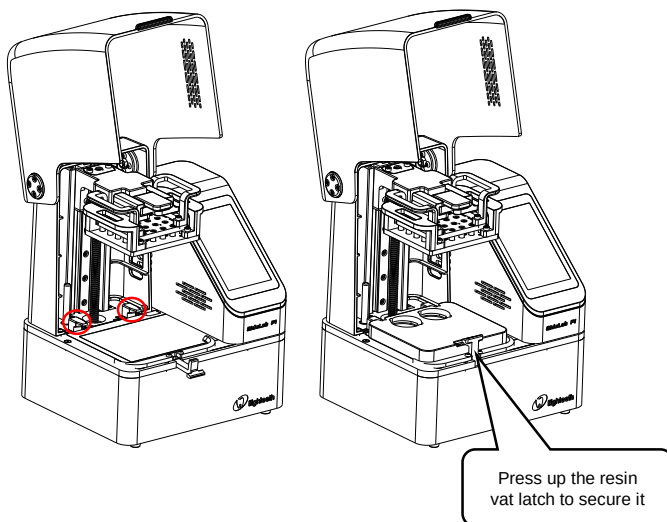
Open the resin vat latch, place the resin vat into the indicated area, and ensure that the positioning holes are properly aligned. After the resin vat is installed in place, press up the resin vat latch to secure the resin vat.

If unused resin remains in the resin vat when printing is not in progress, cover the resin vat with the resin vat dust cover.

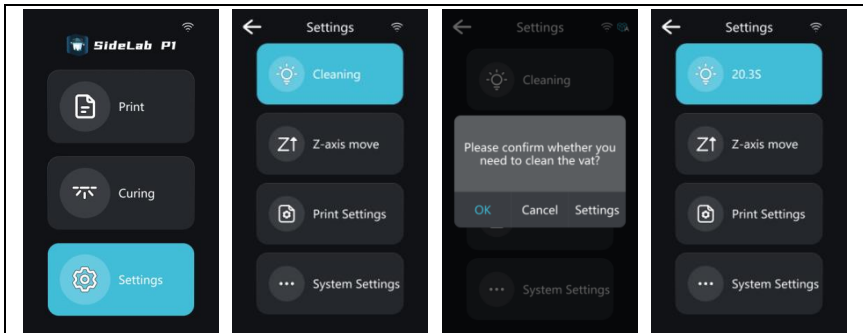


4.4 Installing the Capsule Positioning Plate

Open the resin vat latch, place the capsule positioning plate into the indicated area, and ensure that the positioning holes are properly aligned. After the capsule positioning plate is properly seated, push the resin vat latch upward to secure the capsule positioning plate.



5. Use Interface



Cleaning: Resin vat cleaning.

Z-axis move: Back to homing and leveling.

Print Settings: Set “Print Parameters”.

System Settings: Set “Update”, “WLAN”, “Language & Region”, “Maintenance Tips”, “About Device” and “Reset”.



- Check whether the light source is normal when clearing the screen. The UI is only for reference only and shall be subject to the actual UI.

6. Operation

6.1 First Print

6.1.1 Add resin

Pour the UV photosensitive resin into the resin vat.

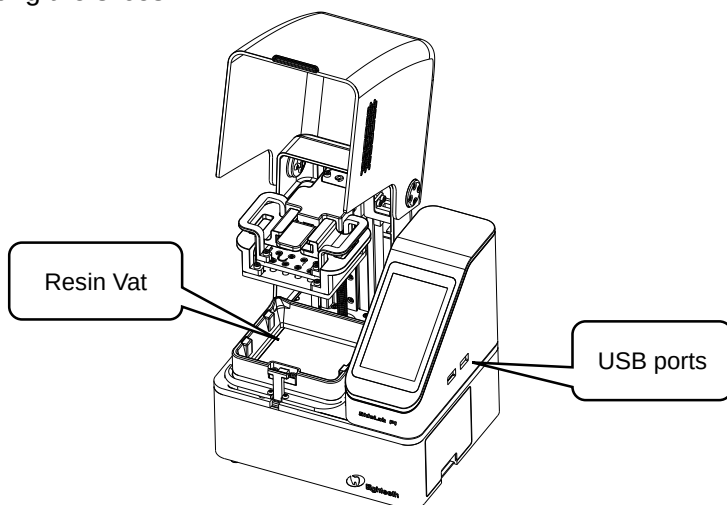
How to change resin: Take out the resin vat slowly, pour out the remaining resin into the container, clean the resin vat, pour in new resin, and then install the resin vat to the machine.



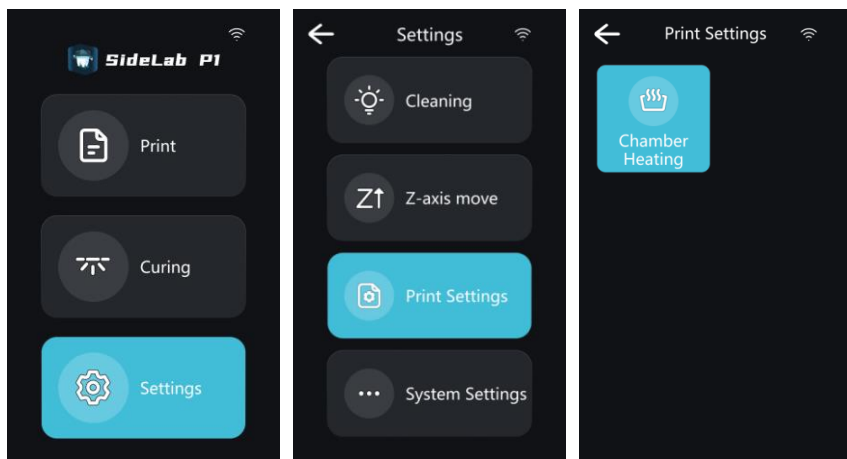
- Resin may cause skin irritation or an allergid skin reaction. Please wear gloves before use to avoid direct contact with the skin.

6.1.2 Insert the USB Drive

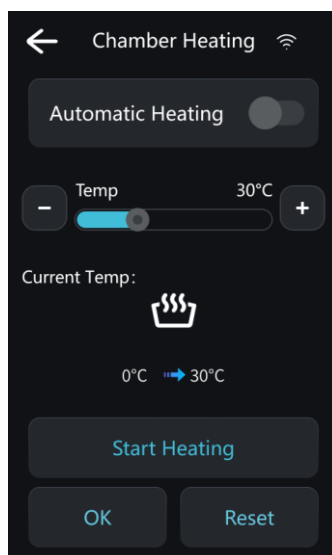
Both USB ports can be used for inserting the USB drive and importing the slices.



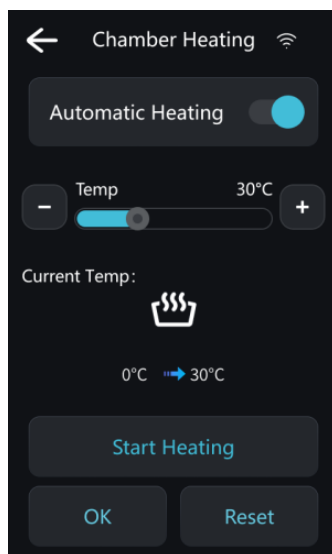
6.1.3 Heating before printing



Homepage: Click "Settings" → "Print Settings" → "Chamber Heating".



Manual Heating — Upon entering the page, the "Automatic Heating" switch is off. After setting the temperature, click "Start Heating" to begin pre-print heating.

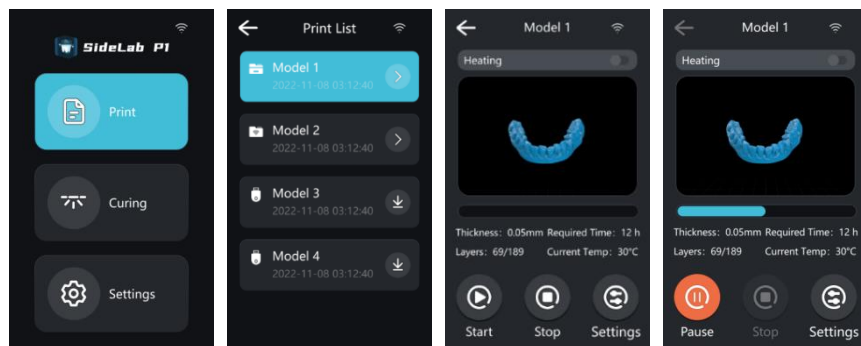


Auto Heating — Upon entering the page, click the "Automatic Heating" switch, set the temperature parameters, then click "OK" to save settings. The machine will automatically heat during printing.



- The UI is only for reference only and shall be subject to the actual UI.

6.1.4 Print selected slice

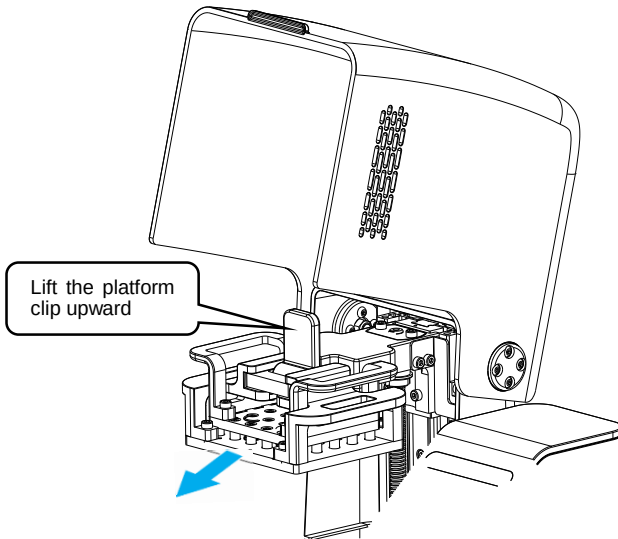


- During printing, the machine must not be shaken to avoid compromising print quality.

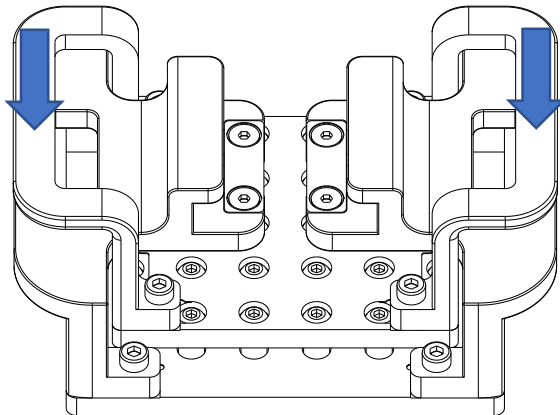


- The UI is only for reference only and shall be subject to the actual UI.

6.1.5 Remove the model



Lift the build platform clip upwards to remove the printing platform.



Press down on the build platform plate with both hands to remove the model directly from the build platform plate.



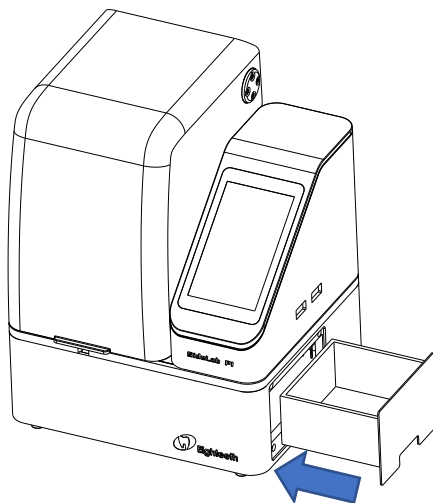
- When taking moulds, please wear disposable latex gloves to prevent residual resin from coming into contact with the skin.

6.2 First Curing

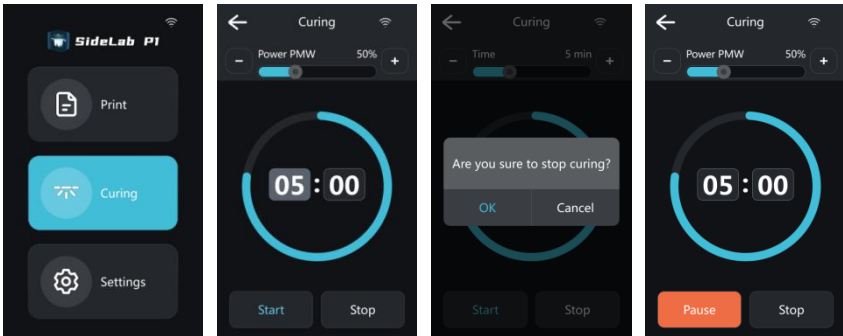
1. Pull the curing chamber out from the recess at the bottom of the curing chamber.



2. Remove the curing chamber, insert the mould, then reinstall it into the machine.



3. Select the curing operation



- Do not remove the curing box during the curing process!



- The UI is only for reference only and shall be subject to the actual UI.

6.3 Cleaning

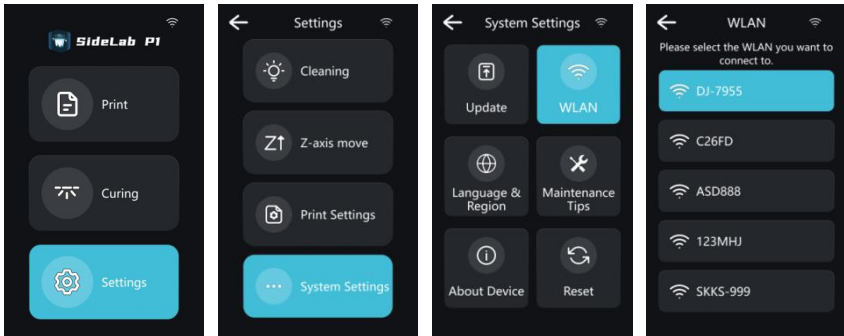
The cured model needs to be cleaned using the recommended cleaning agent and method corresponding to the resin material.



- When handling the model, please wear disposable latex gloves to prevent any residual resin from coming into contact with your skin.

6.4 Connect to Network

In the main interface of the device, go to "Settings" → "System Settings" → "WLAN", select the WLAN you want to connect to, and network the device.



- The UI is only for reference only and shall be subject to the actual UI.

6.5 SideLab BOX Slicing and Exporting

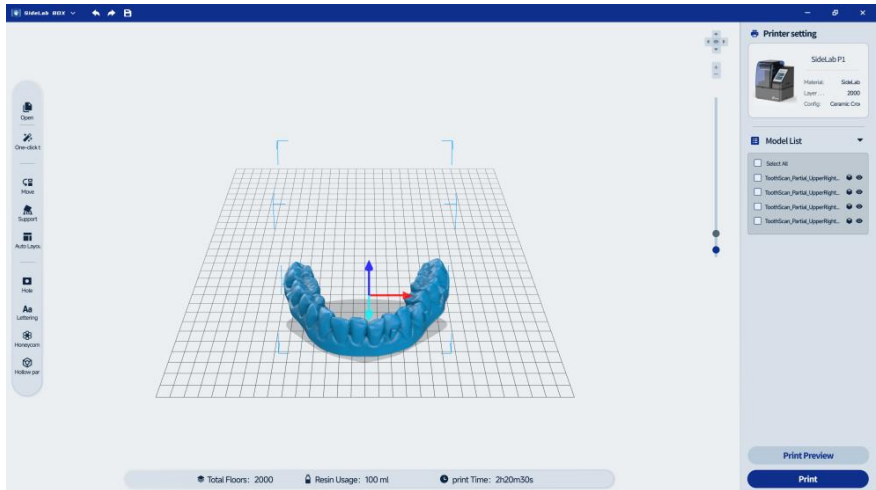
6.5.1 Open SideLab BOX

Install from included USB drive.

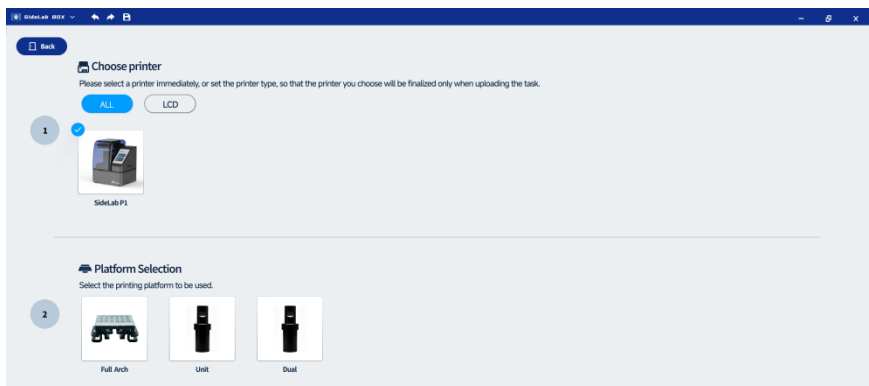


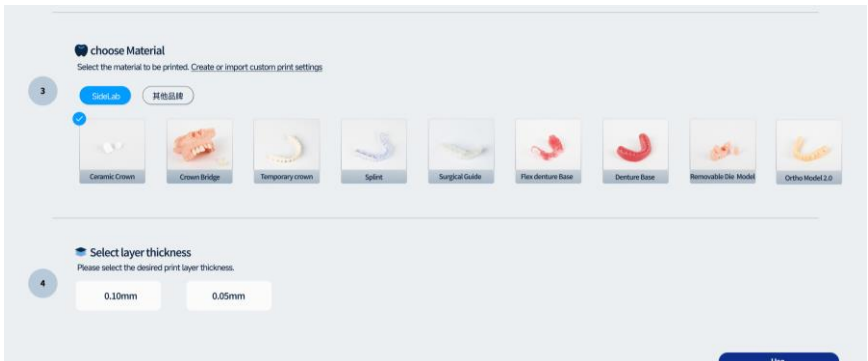
6.5.2 Print Settings

1. Click the printer settings window on the right to enter the settings interface.



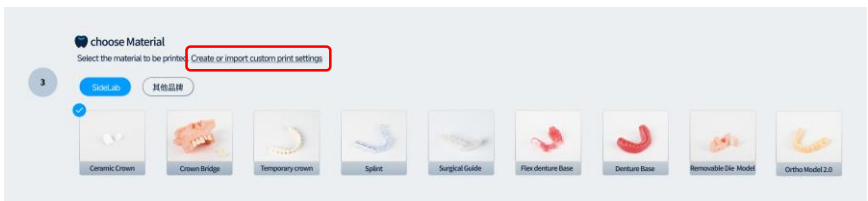
2. Select the corresponding printer model, material, and print layer thickness, then click "Use".



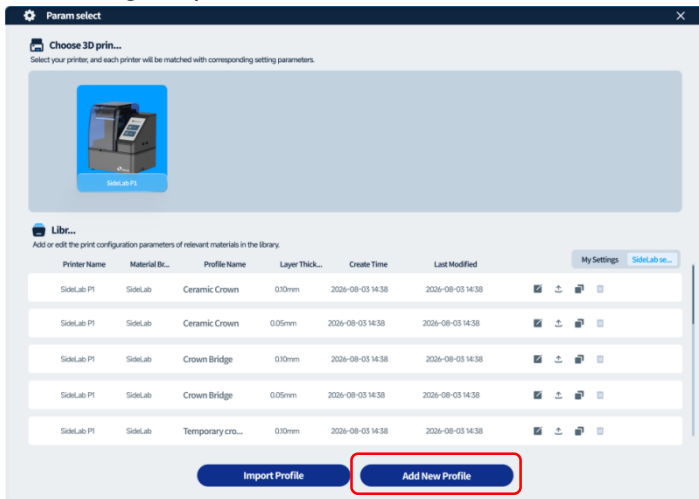


3. Custom Material Settings

If the material list does not have a corresponding option, click "Create or import custom print settings" to enter the parameter selection.

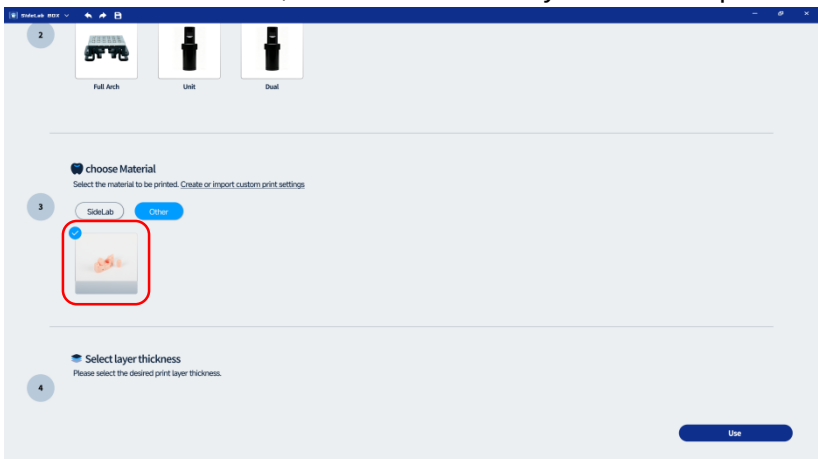


① After selecting the printer model, click "Add New Profile".



② After setting the name and parameters, click "Finish"

③ Click Add New Brand, then select the newly added resin profile.

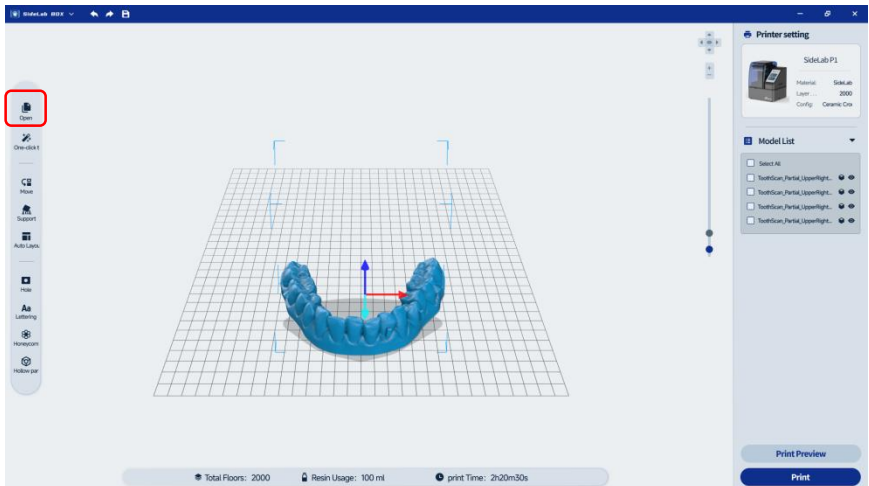




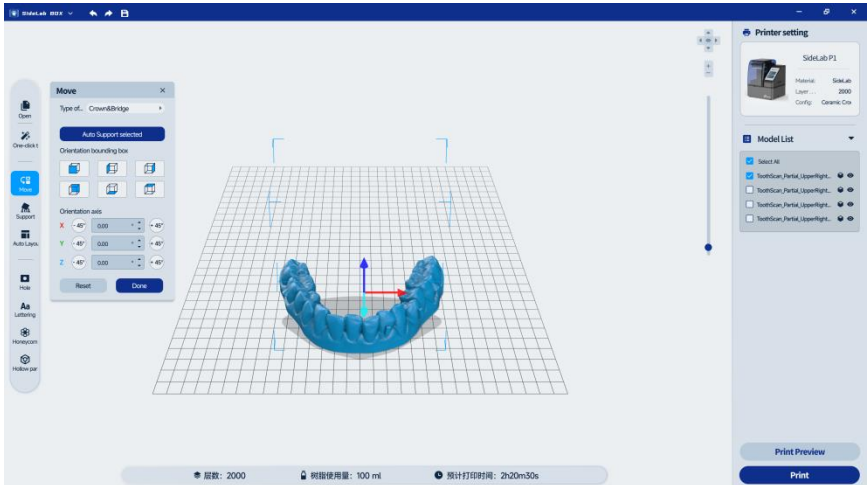
- The interface of SideLab BOX is subject to the UI of the released slicing software.

6.5.3 Model Arrangement

1. Click "Open" in the left menu bar to select the model you need to print.

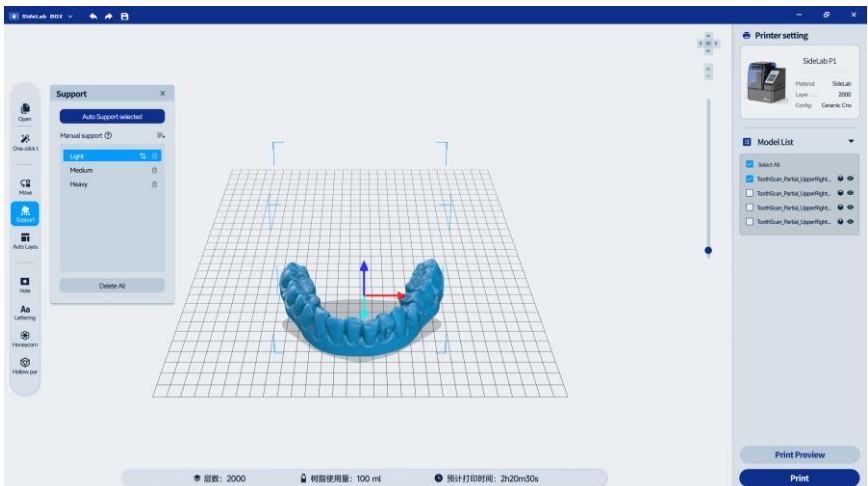


2. Click on the imported model to adjust its position and orientation.



3. Click the "Support" tool in the left toolbar, then select the model requiring supports. Click "Auto Support Selected" to add them automatically.

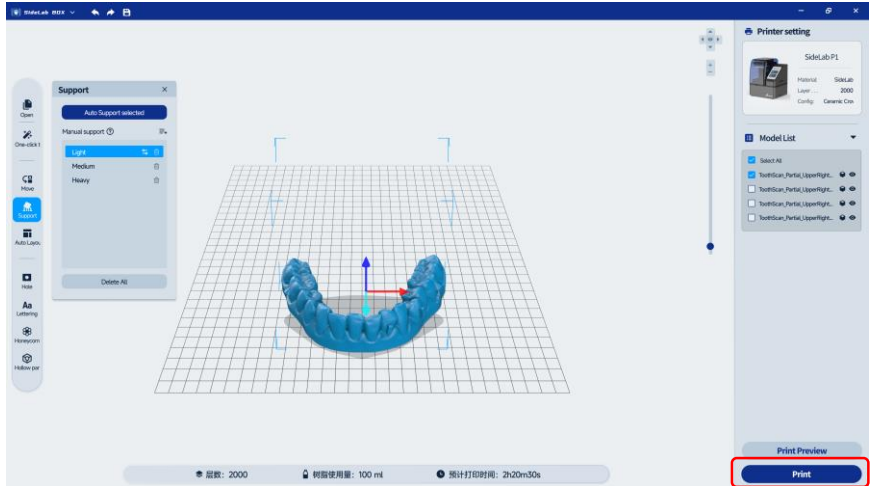
To add supports manually, select the model and place support points on its surface (click a point again to delete it). Click on a blank area when finished.



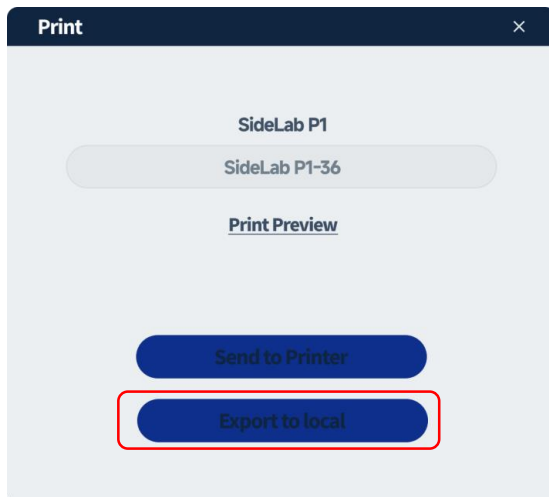
6.5.4 Export sliced files for printing

1. USB Drive Printing

① Click "Print" in the bottom-right corner and select "Export to local".

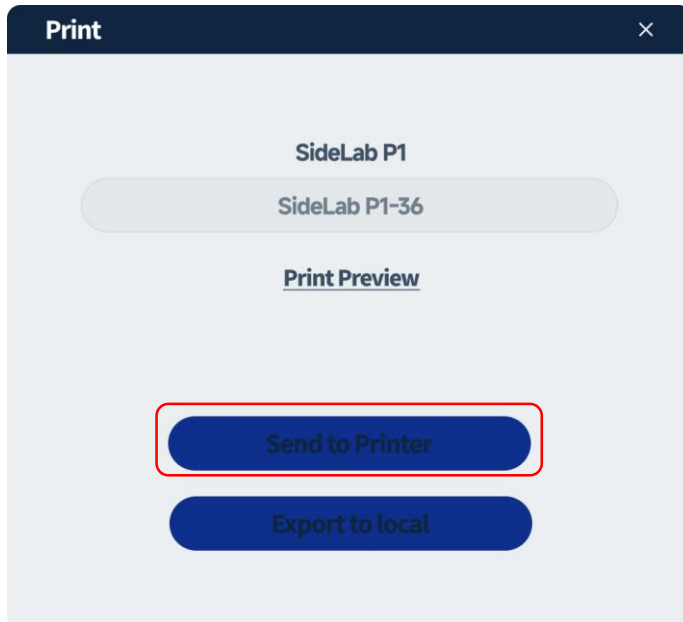
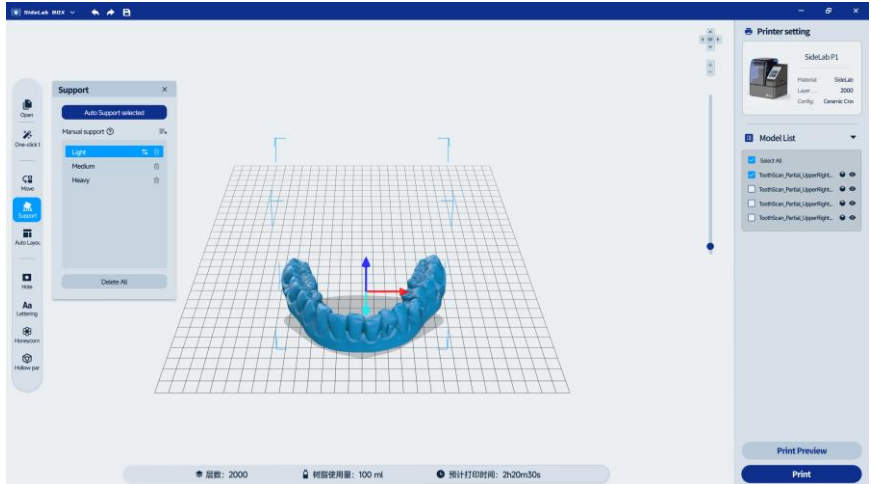


② Click "Export to Local", select the USB drive path, and click "Save".



2. WLAN Printing

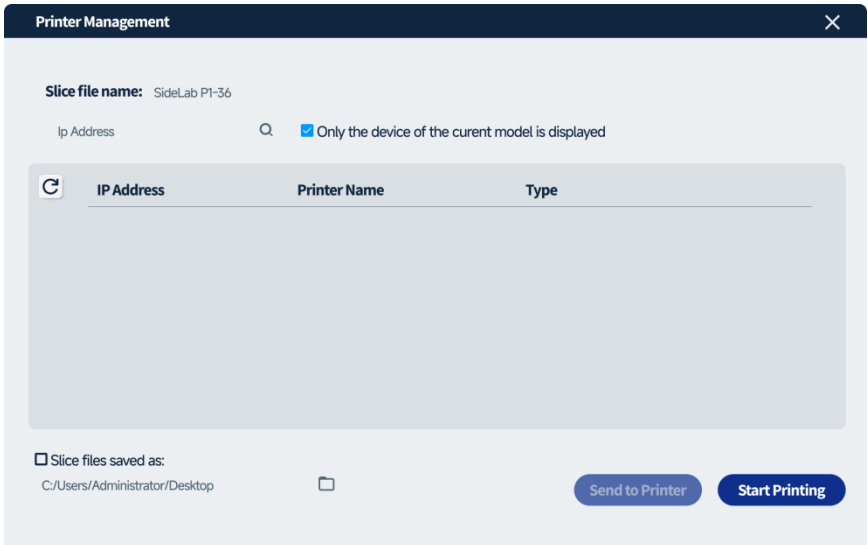
① Click "Print" in the bottom-right corner and select "Send to Printer".



② The software automatically searches for and displays the IP addresses of printers on the same WLAN network. Select the corresponding printer.

→ Click “Send to Printer”. After the transfer is complete, select the file on the printer to start printing.

→ Click “Start Printing” to have the printer automatically begin printing once the file transfer is finished.

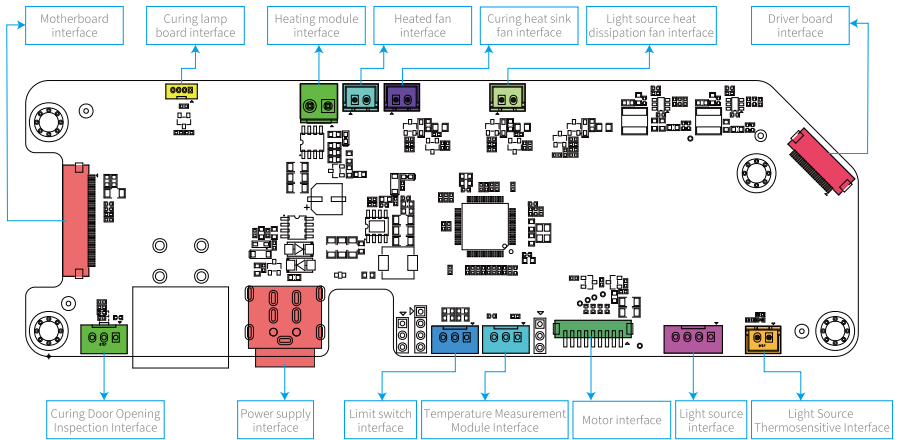


● The interface of SideLab BOX is subject to the UI of the released slicing software.

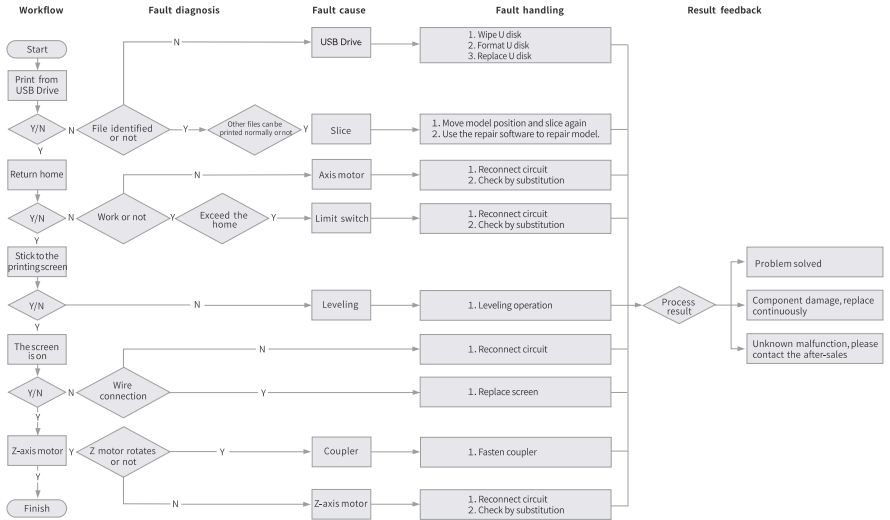
7. Technical Data

Manufacturer	Changzhou Sifary Medical Technology Co., Ltd
Model	SideLab P1
Printing Size	Max.80×70×80mm
Machine Size	200×173.4×256.1mm±3mm
Package Size	310×307×340mm±3mm
N.W.	4.15kg±10%
G.W.	6.8kg±10%
Printing Technology	LCD Advanced Amber Technology
Light Source Wavelength	385nm、405nm
Resolution	9K(8520*4320px)
Pixel Size	14*19μm
Layer Thickness	0.05-0.1mm
Printing Speed	Max.60 mm/h
Touch Screen	3.97-inch Capacitive Color Touch Screen
Slicing Software	SideLab BOX
Data Transmission	USB Drive / WLAN
Input Voltage	100-240C~, 50/60Hz
Power	220W
Supported Consumables	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

8. Hardware Interface Diagram



9. Troubleshooting



10. 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.

11. 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.

12. Warranty

1. SideLab P1 is warranted against manufacturing errors and defects in materials, and the warranty period is 12 months starting from the day of delivery to the customer.

2. No Warranty for the Release Film, LCD Screen and Product Gift (USB Drive, Hex Keys Set, Plastic Blade, Metal Blade, Paintbrush, Disposable Latex Gloves, Filters, etc.)

3. SideLab P1 should be repaired by the equipment technology department of Changzhou Sifary Medical Technology Co., Ltd. or maintenance service partners authorized by Changzhou Sifary Medical Technology Co., Ltd. Do not provide circuit diagram, bill of material, legends, calibration rules, and other maintenance materials to other organizations.

4. Should the quality assurance complaint be reasonable, Changzhou Sifary Medical Technology Co., Ltd. or maintenance service partner authorized by Changzhou Sifary Medical Technology Co., Ltd. shall provide repairing service as soon as possible.

5. Any defects in material, workmanship of product will be covered until you provide any relating documents and information, including but not limited to:

- ① User of the product are in the country of purchase;
- ② Defective product is the SideLab P1 product;
- ③ Proof of Purchase.

6. SideLab P1 does not guarantee the service as a result of:

- ① The proof of purchase being altered or made illegible;
- ② The product label or serial number on the product being altered or made illegible;
- ③ Normal wear of accessories or consumables for use as release film;
- ④ Malfunction or damage caused by personal retrofitting, or improper

installation and usage;

⑤ Malfunction or damage caused by use in non-recommended working environments;

⑥ Malfunction or damage caused by overuse (overload) or wrong maintenance (damp, mildew, etc.);

⑦ Malfunction or damage caused by Force Majeure (fire hazard, earthquake, lightning and floods, etc.);

⑧ Malfunction or damage caused by the use of other brand parts or consumables.

7. Should the damage be proved to be caused by the user's negligence in daily maintenance, warranty is then voided.

8. Changzhou Sifary Medical Technology Co., Ltd. reserves the right to analyze and determine the cause of any problems.

13. Statement

Maintenance

MANUFACTURE will provide circuit diagrams, component part lists, descriptions, calibration instructions to assist to SERVICE PERSONNEL in parts repair.

Disposal

Comply with your national regulations, guidelines and requirements for the disposal of waste electrical equipment and medical devices. Make sure the device is not mixed with other types of waste when it is being disposed of.

Rights

The final interpretation rights belong to CHANGZHOU SIFARY MEDICAL TECHNOLOGY CO., LTD. The industrial design, inner structure, etc, have claimed for several patents by SIFARY, any copy or fake product must take legal responsibilities.

Changzhou Sifary Medical Technology Co., Ltd.

Add: No.26 Yandanghe Road, Xinbei District, 213000 Changzhou,
Jiangsu, China

Tel: +86-0519-85962691

Fax: +86-0519-85962691

Email: info@sifary.com

Web: www.sifary.com