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**Guangzhou Boqiang Intelligent Technology Co., LTD**

Guangzhou Boqiang Intelligent Technology Co., Ltd

# **K77 Ai customized vending machine for phone cases product manual**

**k77-2025-06**

Controlled status (stamped)

**fiction : Jason Date: 2025 year June 23rd**

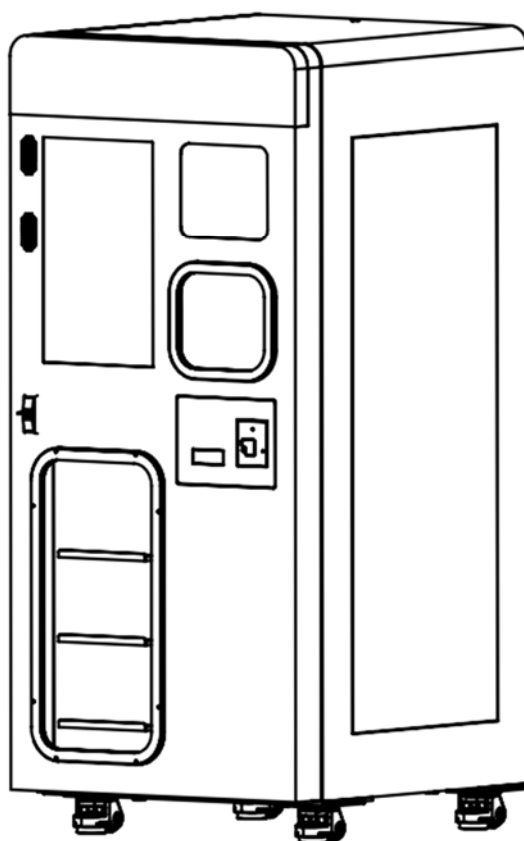
**Reviewed by date : year moon sun**

**Approved: \_\_\_\_\_ Date: Year Month Day**

**It will be implemented on June 1, 2025**



# K77productspecification



***Model: K77***

## **preface**

Thank you for choosing our products!

In order to make you operate this product easily as soon as possible, we have equipped with a detailed equipment operation and maintenance manual, you can get knowledge about the equipment operation and maintenance. Before using this product, please read all the materials provided by us carefully, so that you can better use the product.

We have been very serious and meticulous in writing this manual, aiming to provide you with comprehensive and reliable information. However, we may have made some errors or omissions. We hope for your understanding and welcome your sincere feedback and corrections. If you encounter any issues while using the product, please contact our service hotline promptly. Thank you for your support and cooperation!



## K77 Ai customized vending machine for phone cases parameter table

|                                                   |                                                                                                                                                                                        |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Factory parameters</b>                         |                                                                                                                                                                                        |
| Function introduction                             | Customized mobile phone case vending machine                                                                                                                                           |
| unit type                                         | K77                                                                                                                                                                                    |
| External dimensions (height * width * depth)      | 930mmx820mmx180mm                                                                                                                                                                      |
| Device functions                                  | Mobile phone shell pictures are customized and sold by Ai                                                                                                                              |
| Display size and type                             | 21.5 inch capacitive touch screen                                                                                                                                                      |
| Overall weight                                    | The whole machine is 285Kg (excluding the packing wooden box)                                                                                                                          |
| Cargo details                                     | 11 floors, 77 cargo aisles, the maximum storage capacity of a single cargo aisle: 9                                                                                                    |
| mode of payment                                   | NAYAX, wechat, Alipay, manual payment                                                                                                                                                  |
| Remove the light strip                            | white                                                                                                                                                                                  |
| <b>software support</b>                           |                                                                                                                                                                                        |
| General merchant APP                              | Universal merchant APP, Apple APP, PC, H5                                                                                                                                              |
| man-machine interactive system                    | A standard universal UI for human-computer interaction systems in Windows environments                                                                                                 |
| <b>Printer configuration</b>                      |                                                                                                                                                                                        |
| UV printer model optional                         | K77-F1080、K77-i1600U1、K77-3200U1HD                                                                                                                                                     |
| Weight size                                       | Length: 53cm width: 35cm height: 38cm weight: 20KG                                                                                                                                     |
| Ink preparation for ink bottles                   | Color configuration: four colors CMYK, six colors CMYKLCLM, and four colors and white configuration CMYKW<br>Special UV ink, 250ml per bottle, printing shell number support 1000-1500 |
| Support infrared altimetry                        | Supports infrared automatic height detection of mobile phone cases                                                                                                                     |
| Ink monitoring                                    | Support ink computing and ink warning monitoring and APP alarm notification                                                                                                            |
| Printed nozzle insulation system                  | When the indoor temperature is lower than 25°C, the nozzle will automatically heat up to maintain the working temperature                                                              |
| Nozzle moisture retention lifting platform        | The nozzle flash lifting platform is configured to protect the printing nozzle and keep it moist                                                                                       |
| <b>Custom materials</b>                           |                                                                                                                                                                                        |
| Lightning words support customization of 1 set    | Size limit: 82cm*15cm set of mini luminous letters (mini letters)                                                                                                                      |
| Advertising stickers can be customized in one set | One set of fuselage stickers                                                                                                                                                           |
| <b>Electrical related projects</b>                |                                                                                                                                                                                        |
| network                                           | Supports WIFI connection and 4G module                                                                                                                                                 |
| rated voltage                                     | 100-120 Va.c.50/60Hz 2.5A    220-230 Va.c.50/60Hz 1.5A                                                                                                                                 |
| Standby power                                     | 150W                                                                                                                                                                                   |



|              |                      |
|--------------|----------------------|
| power rating | 170W $\pm$ 10% Rated |
|--------------|----------------------|

## Matters need attention

Before installing the machine, please read the following instructions carefully:

- Since the machine has a printer and contains ink, it should be transported vertically.
- After receiving the machine, please check whether the fuselage, advertisement and foot are intact according to the equipment list, and whether the accessories are complete.

Please remove the wooden box, vacuum aluminum film, stretch film, zip tie and film chamber locking screw in turn according to the operation instructions

- The body is made of steel. Please entrust professionals to install and move it to avoid personal injury and machine damage.
- The floor must be hard and flat. Poor installation may lead to tilting, electric shock, fire or burns.
- The placement place must be moisture-proof and rainproof to prevent water seepage from causing short circuit and burning the circuit board.
- The placement place must be free from direct radiation of heat source, and ensure good ventilation and heat dissipation to ensure the refrigeration effect of the machine.
- Ensure that the machine is not affected by moisture, dust, dirt, etc. Pay special attention to ensure that the ventilation grille is ventilated smoothly and there is no obstruction.
- The distance between the rear of the machine and the wall should not be less than 20cm, and the spacing between multiple machines should not be less than 20cm. The Angle at which the door can be opened is at least 135° to ensure good performance of the machine and convenient loading.
- Do not disassemble or modify without professional guidance from the manufacturer to avoid accidents.
- The installation area of the machine needs to have a standard and stable mains voltage, and the power socket must be a three-hole socket with grounding. The grounding of the gas pipe, water pipe, telephone line and lightning rod should not be through the grounding terminal, and the grounding resistance of the grounding terminal should be less than 4 $\Omega$ .
- Before connecting to the power supply, ensure that the power supply characteristics are consistent with the machine.
- The power socket should be properly installed to facilitate the disconnection of the machine from the power supply.
- Do not use damaged power cord and plug to prevent leakage of electricity and personal safety.
- If the power cord (Y connection) is damaged, it should be replaced by a qualified person such as the manufacturer or after-sales service to prevent danger.
- The wiring of the power supply must be firm and stable. Poor contact of the power supply line will affect the performance of the machine.
- Do not put inflammable articles into the machine to prevent fire or explosion.
- If there is an abnormal burnt smell, smoke or fire, please immediately unplug the power plug and contact a professional maintenance personnel.
- When the machine is faulty and cannot be used, please provide photos of the front of the machine and the machine code when contacting the after-sales personnel, so that the after-sales personnel can confirm the accessory model and troubleshooting.
- When replacing parts or cleaning and maintaining the machine, please cut off the power supply first to prevent electric shock or damage to the equipment.
- Clean dust frequently to prevent failure and prolong the service life of the machine.



## catalogue

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# 1 technical term

Some terms will be explained uniformly in the following text for easy reading and understanding.

Computer host: a computer running Windows system and human-computer interaction software, installed on the top of the back door. Computer host: a computer running Windows system and human-computer interaction software, installed on the top of the back door.

Motion control card: The core control card for motion control of the robotic arm, which controls all movements of the device. The control card is installed in the cover at the top of the robotic arm. Motion control card: The core control card for motion control of the robotic arm, which controls all movements of the device. The control card is installed in the cover at the top of the robotic arm.

Touch screen: 21.5 inch touchable display screen. Touch screen: 21.5 inch touchable display screen.

Sales app: An application that runs on Windows and is used for human-computer interaction to place orders.

Sales app: An application that runs on Windows and is used for human-computer interaction to place orders.

Host computer: refers to the control program running on a Windows computer to control the movement of equipment. Supervisor: a control program that controls the movement of equipment running on a Windows computer.

Lower computer: hardware refers to the motion control motherboard at the top of the robot arm, and software refers to the program of the control card motherboard. Lower computer: hardware refers to the motion control motherboard at the top of the robot arm, and software refers to the program of the control card motherboard.

Distribution cabinet: power supply system for motherboard, driver board, all-in-one machine, lifting system, etc. Distribution cabinet: power supply system for motherboard, driver board, all-in-one machine, lifting system, etc.

Return zero sensor: a sensor used to correct the return of the robot arm to its original position.

Ranging sensor: A laser photoelectric sensor on the phone case tray that detects the highest point of the phone case.

Distance sensor: The distance detection sensor under the suction cup of the robot arm is used to detect the distance of the mobile phone case.

## 2 Product overview

### 2.1 product presentation

K77 is a fully automatic intelligent unmanned mobile phone case customization vending machine, focusing on providing consumers with instant and personalized mobile phone case customization services. It combines the convenient self-service shopping experience with high-quality customization printing perfectly.

Core functions and technical highlights:

1. Intelligent inventory management: The device has multiple layers of cargo channels, and each cargo channel can accommodate up to 9 standard size mobile phone shell blanks. Each blank is made of high-quality white PVC printing sheet as the base to ensure the purity of the pattern presentation.



2. Convenient customization process: Users only need to scan the exclusive order QR code on the device with their mobile phone to easily upload photos and use the built-in online editor for personalized design (such as adjustment, filter, add text, etc.). After successful payment, the customization instruction will be issued immediately.

3. High precision UV printing: The device integrates high performance UV flat printer, which can accurately and quickly solidify the user's designed pattern on the back of the mobile phone shell, with bright colors, clear details and durable.

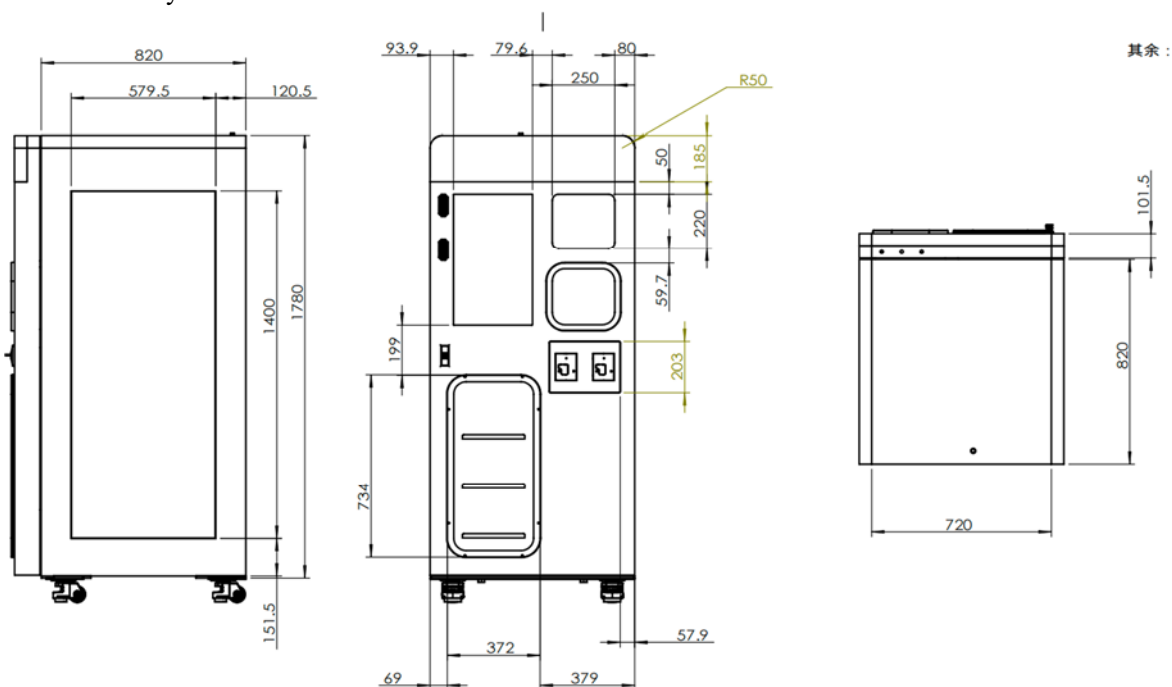
4. Automatic pick-up and placement operation: An efficient four-axis (XYZW) robotic arm system is adopted, combined with a reliable vacuum suction device, to realize the automatic and accurate pick-up and placement of mobile phone cases from the cargo channel to the printing platform and then to the shipping port, ensuring smooth and reliable process.

Market advantage and product competitiveness:

The market prospect is broad: The unmanned self-service mobile phone case customization model has verified its huge potential in the overseas market. With the characteristics of high customer unit price, rapid return cycle, and stable demand throughout the year without a slow season, it has become a hot spot in the field of intelligent retail.

K77 has outstanding core advantages:

Compact Size: Compact and adaptable to various commercial settings, such as shopping malls, cinemas, and transportation hubs. Ultra-Large Capacity: Optimized aisles in tight spaces ensure higher inventory capacity. Superior Print Quality: UV printing technology ensures high-definition patterns, vibrant colors, and strong adhesion. Efficient Output: Rapid printing combined with automated robotic arms reduces user wait times and enhances daily service efficiency.



## 2.2 Merchant side operation instructions

### 移动商户端使用说明

7月8日修改

使用文档内所使用的示例图均为测试账户，实际数据以各个商户帐户实际数据为准。

网页链接: <https://saas.gobear8.com/mmerch>

APPstor下载指引:

☰ 列表 ▾

☰ 显示设置    ⬆️ 上传    + 新建

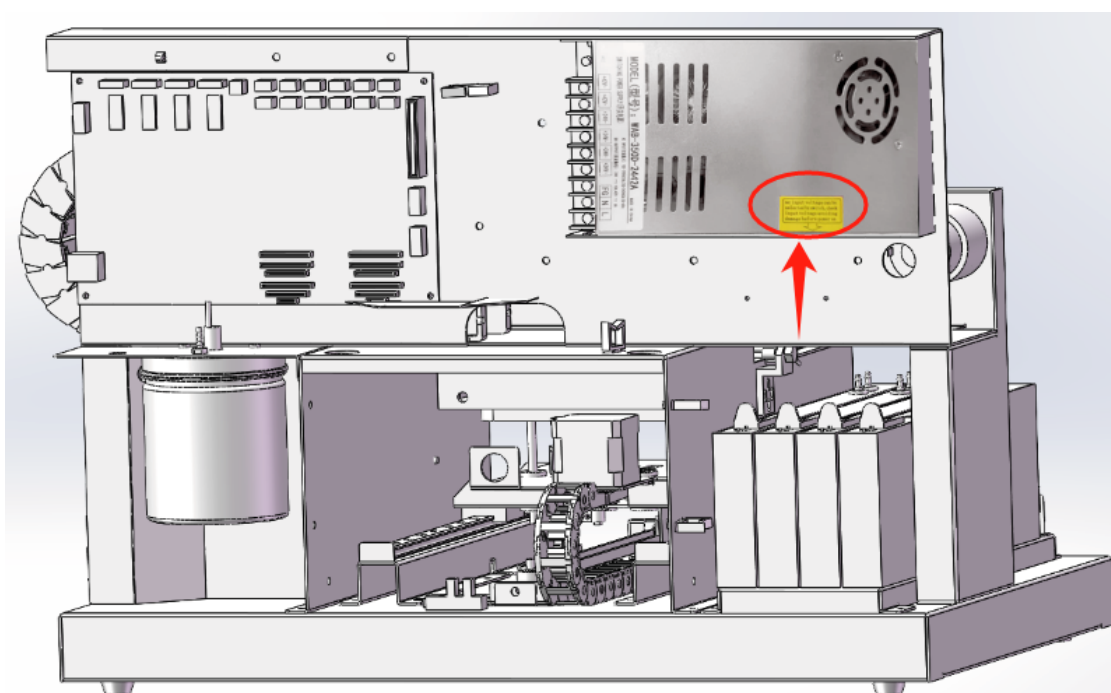
| 名称 ▾             | 所有者      | 修改时间 ▾      |
|------------------|----------|-------------|
| ☰ 第一部分 首页        | 飞书用户2054 | 7月11日 11:45 |
| ☰ 第二部分 设备列表      | 飞书用户2054 | 7月11日 14:52 |
| ☰ 第三部分 我的 (个人中心) | 飞书用户2054 | 7月10日 20:50 |



Open the camera and scan the code to view the merchant terminal usage tutorial

## 3 Preparation before starting up

### 3.1.1 Switch the printer working voltage [very important!]

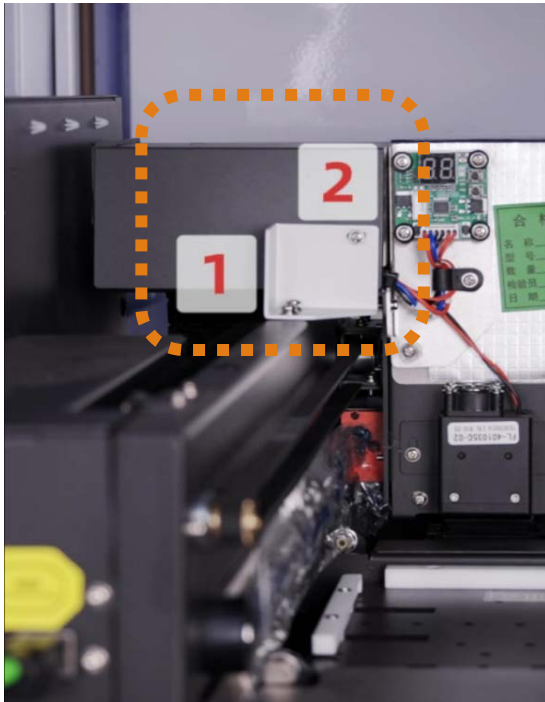


Check that the machine looks normal and is placed firmly. Check whether the power supply voltage of the machine is 220V or 110V, which should match the local power supply voltage before use. As shown in the figure above, there is a switch to switch between 110V and 220V. Please switch to the appropriate voltage.

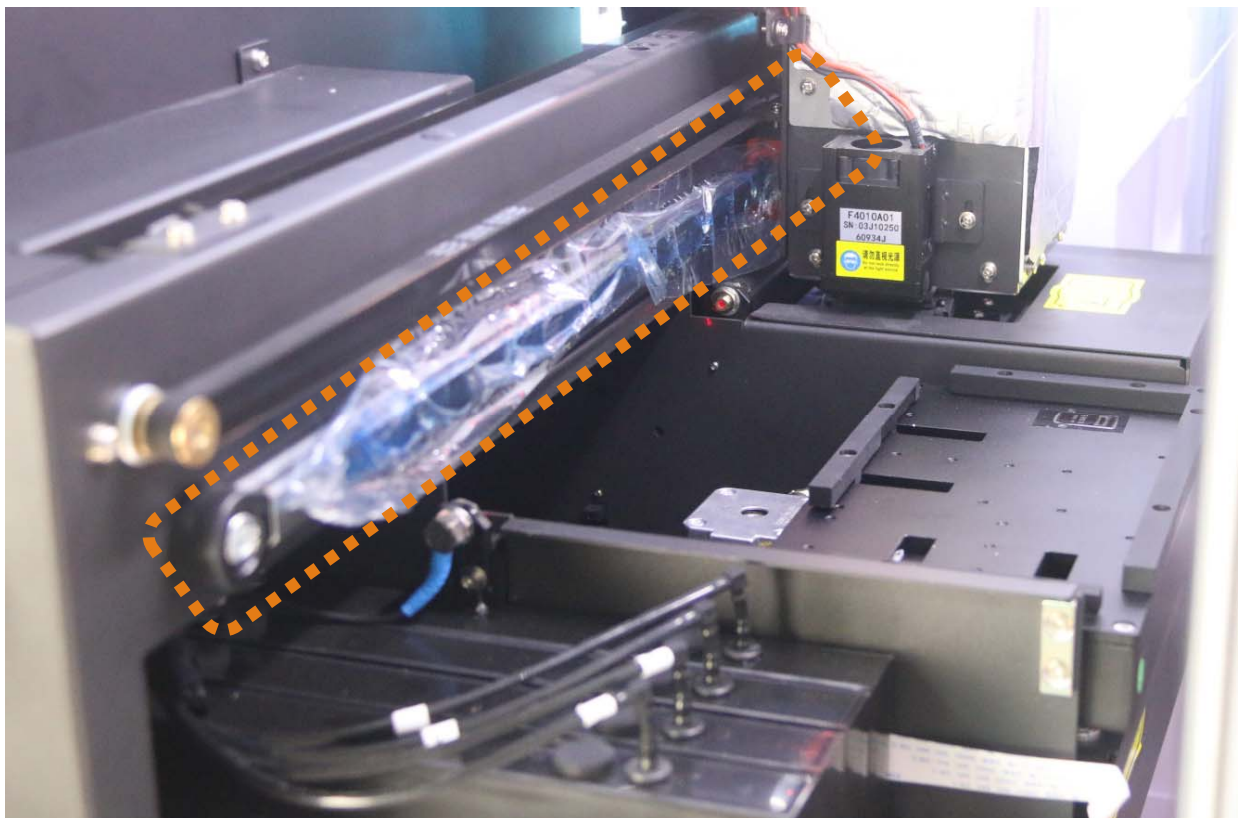
### 3.1.2 Remove fixed sheet metal parts [very important!]

**Remove the tray fixing sheet metal before power on [very important!]**

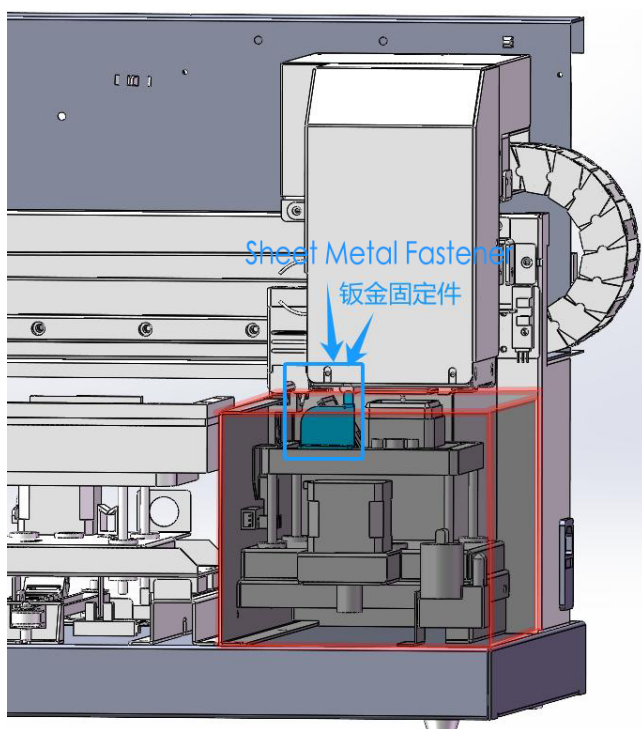
After the removal of the fixed sheet metal, it should be saved, and the subsequent equipment should be fixed and installed after moving.



Remove the fixed sheet metal after demolition and remove the protective film

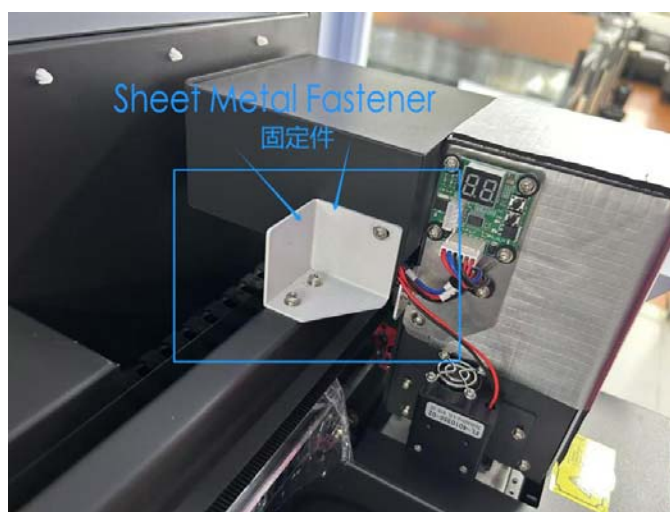


### 3.1.3 Remove the fixed sheet metal parts of the print head trolley [very important!]



(Structure of the printer ink station) (Shell of the ink station)

(Structure of the printer ink station) (Shell of the ink station)

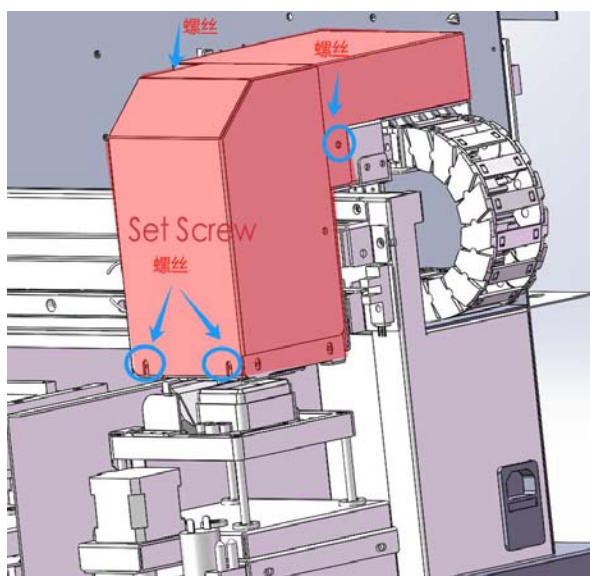


As shown in the figure, the sheet metal fixing parts of the print head cart are wrapped in a black sheet metal shell (the red box part is the ink station shell, and the blue part is the sheet metal fixing parts). The sheet metal fixing parts are removed before power is turned on because the fixing parts are different in position due to different printer batches.

Connect the power cord and turn on the power switch. After turning on the power, the ink station platform will lower. Once the ink station has lowered with the fixed metal parts, immediately turn off the power (the ink station will reach its lowest point in about 8 seconds after being powered on, at which point you should cut off the power). Use your hand to push the print head cart to the left, remove the metal casing around the ink station, which is attached by magnets. Pull it out forcefully. Then, use a Phillips screwdriver to remove the metal fasteners securing the print head.

After removing the fixed sheet metal parts, do not rush to install the shell, and then install it after testing!

### 3.1.4 Install the printer nozzle

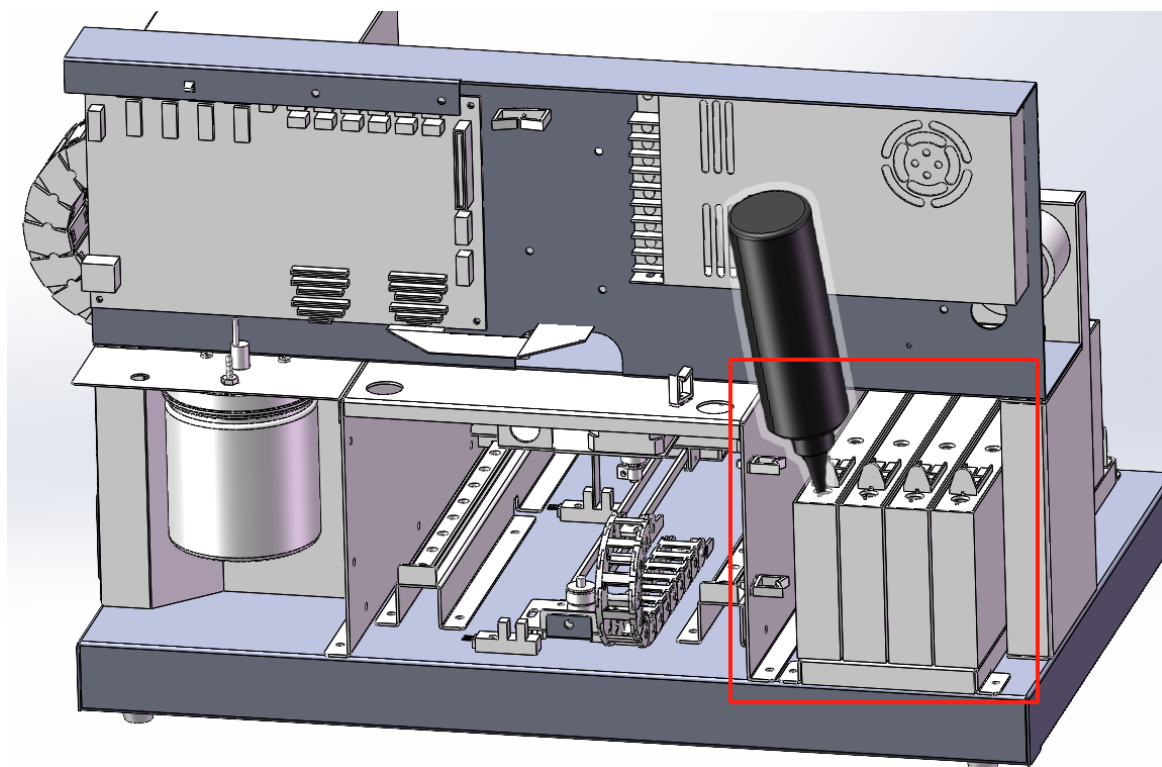


- (1) Remove the thermal insulation shell of the print head
- (2) Remove the cover of the circuit board above the drag chain.
- (3) Remove the power cable of the insulation block to remove the entire thermal insulation shell of the print head.

- (4) Remove the packaging from the print head, take it out, and plug in the four rows of wires. Install the print head onto the cart base and secure it with the included screws. The other end of the wires should be inserted into the circuit board above the drag chain. Refer to the positions L\_UP (upper left), L\_DOWN (lower left), R\_UP (upper right), and R\_DOWN (lower right) on the circuit board for the wiring positions of the four rows of wires.
- (5) Remove the ink sac packaging and install it on the nozzle in the order of the ink tube.

After installing the nozzle, do not rush to install the insulation shell and circuit board protection cover, because it is necessary to check and calibrate later.

### 3.1.5 Install ink



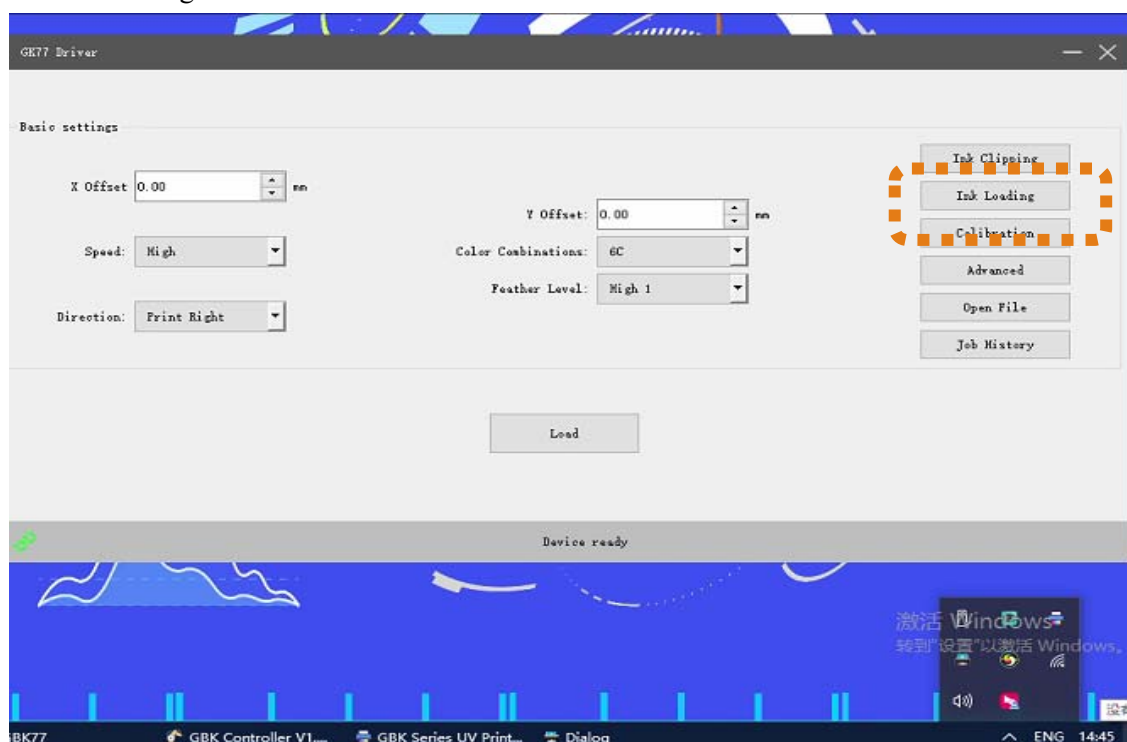
**As shown in the figure above, the ink filling port is on the back of the printer. When adding ink, please pay attention to the color matching between the ink bottle and the ink cartridge. Please pay attention to the CMYK logo on the ink cartridge and the ink bottle body!!**

Gently push aside the flap at the ink cartridge's ink filling port to expose the circular filling port. Twist off the conical cap of the ink bottle, remove the sealing layer, and then tighten the conical cap. Align the bottle opening with the ink filling port, squeeze the ink bottle until all the ink is squeezed out, and then push back the flap at the ink cartridge's filling port.

## 3.2 Start up and set the printer parameters

### 3.2.1 Ink is loaded into the ink sac

Ink filling: Turn on the printer, open the printer driver to load ink  
Program start: Start menu-> GBK77 Driver

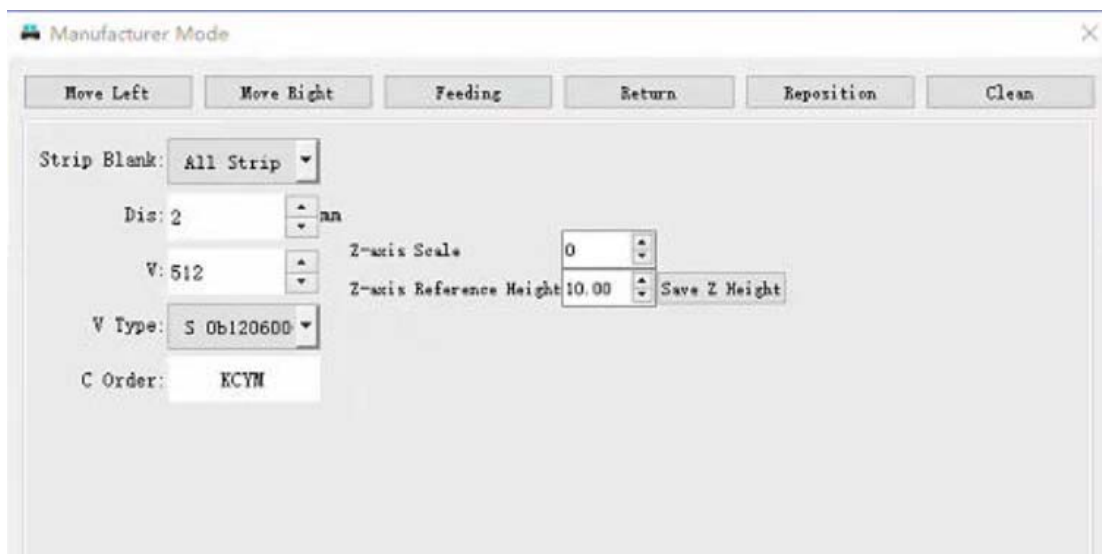


Click the "Fill ink" button on the right side of the main interface of the printer. After the filling of ink is completed, perform the nozzle cleaning action. After the cleaning is completed, observe whether the waste ink flows out of the waste ink tank. If not, click the filling of ink and nozzle cleaning again. Click the "Fill ink" button on the right side of the main interface of the printer. After the filling of ink is completed, perform the nozzle cleaning action. After the cleaning is complete, observe whether there is waste ink flowing out of the waste ink tank. If not, click the filling of ink and nozzle cleaning again.

Nozzle cleaning: In GBK77 Driver, click "Advanced" - "Manufacturer Settings" -enter password 222222

to enter the manufacturer mode,

Click the "Clean" button in the manufacturer mode.



### 3.2.2 Printer parameter Settings

X and Y white edges are set to 0

Printing speed: high speed

Print direction: to the right

Metamorphosis mode: high 1

Color ink preface: KCYM ("Advanced" - "Manufacturer Settings" -Enter password 222222 to enter manufacturer mode)

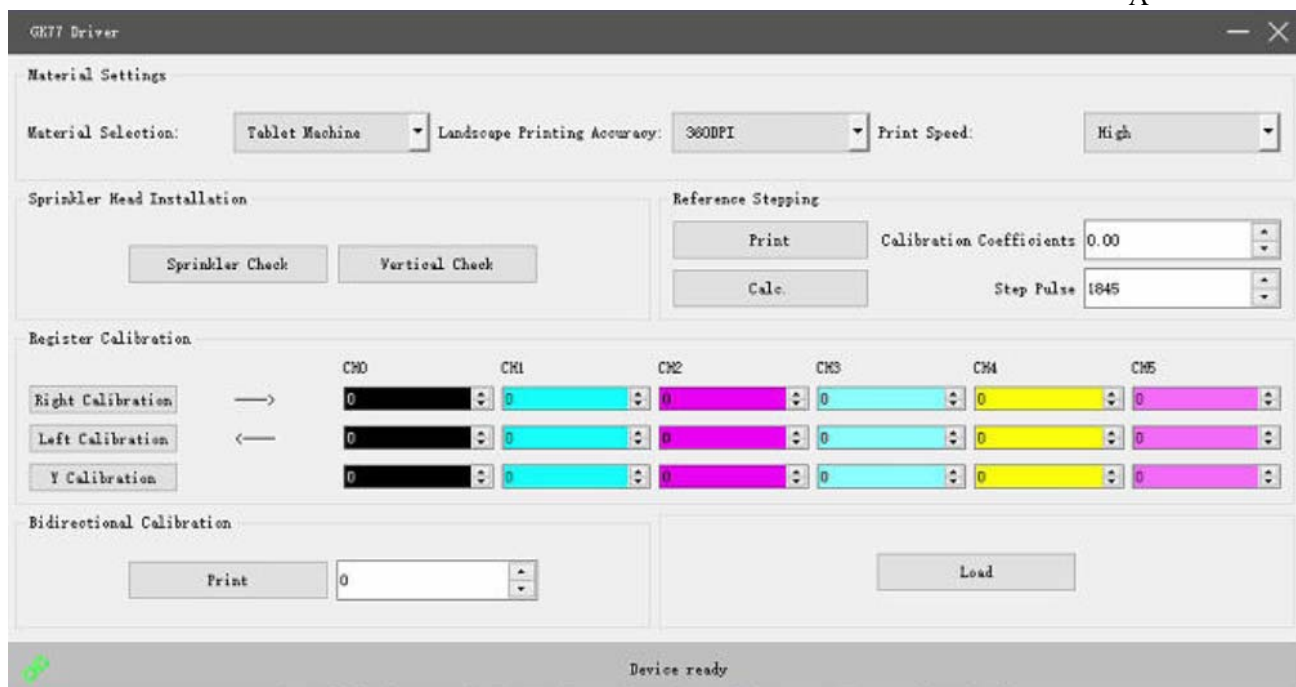
Nozzle temperature: set to 20°C (Advanced-Advanced Settings-nozzle properties-Set Temperature)

Stepping pulse: 1839 (calibration-reference stepping-stepping pulse)

## 4 Printer nozzle test and calibration

### 4.1 Calibration process

When the new machine is installed, replaced or hit the nozzle, the calibration can be completed by calibrating from top to bottom in sequence.



## 4.2 Nozzle detection

In the comparative diagram, the wrong result is that the needle is broken and the color block is pulled out. The correct result is that the whole color block is uniform.



## 4.3 Vertical inspection

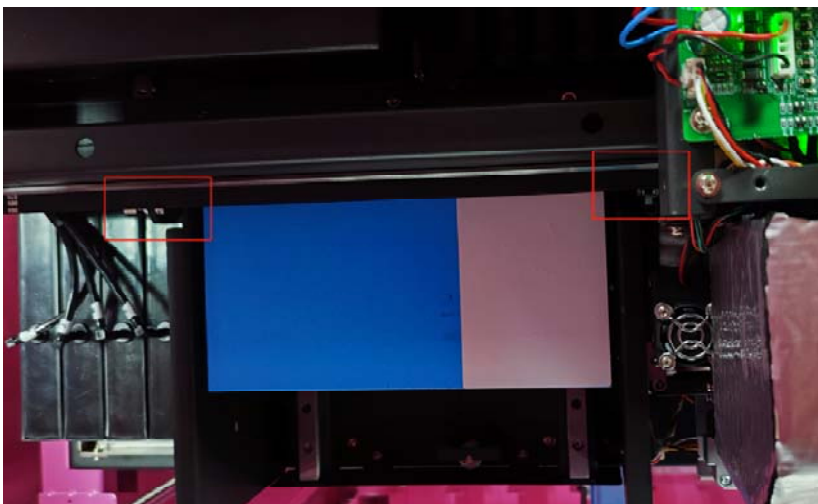
If the nozzle is offset to the left or right vertically, loosen the fixing screw of the nozzle and gently twist it to the left or right to adjust



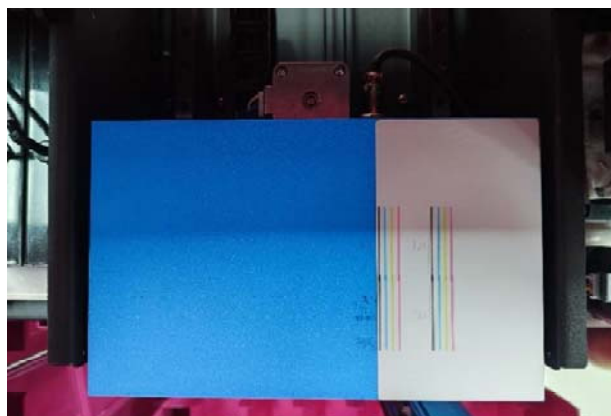
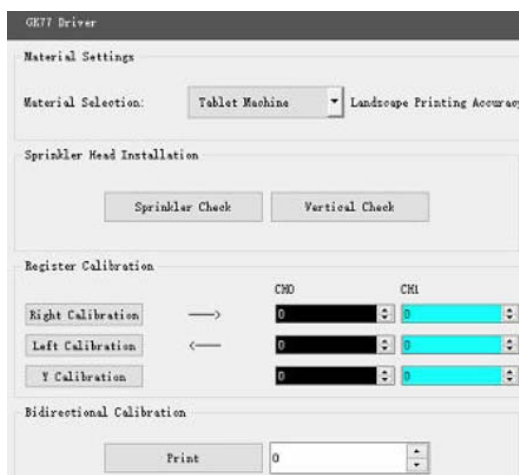


### operation declaration :

(1) Put a flat plate on the top of the mobile phone shell forming jig. Pay attention to the red box position in the figure below. The tail of the flat plate needs to exceed the infrared sensor to prevent the platform from lifting and the nozzle from colliding. The front part of the flat plate should exceed the position of the nozzle.



(2) After selecting vertical inspection, the following figure is obtained.

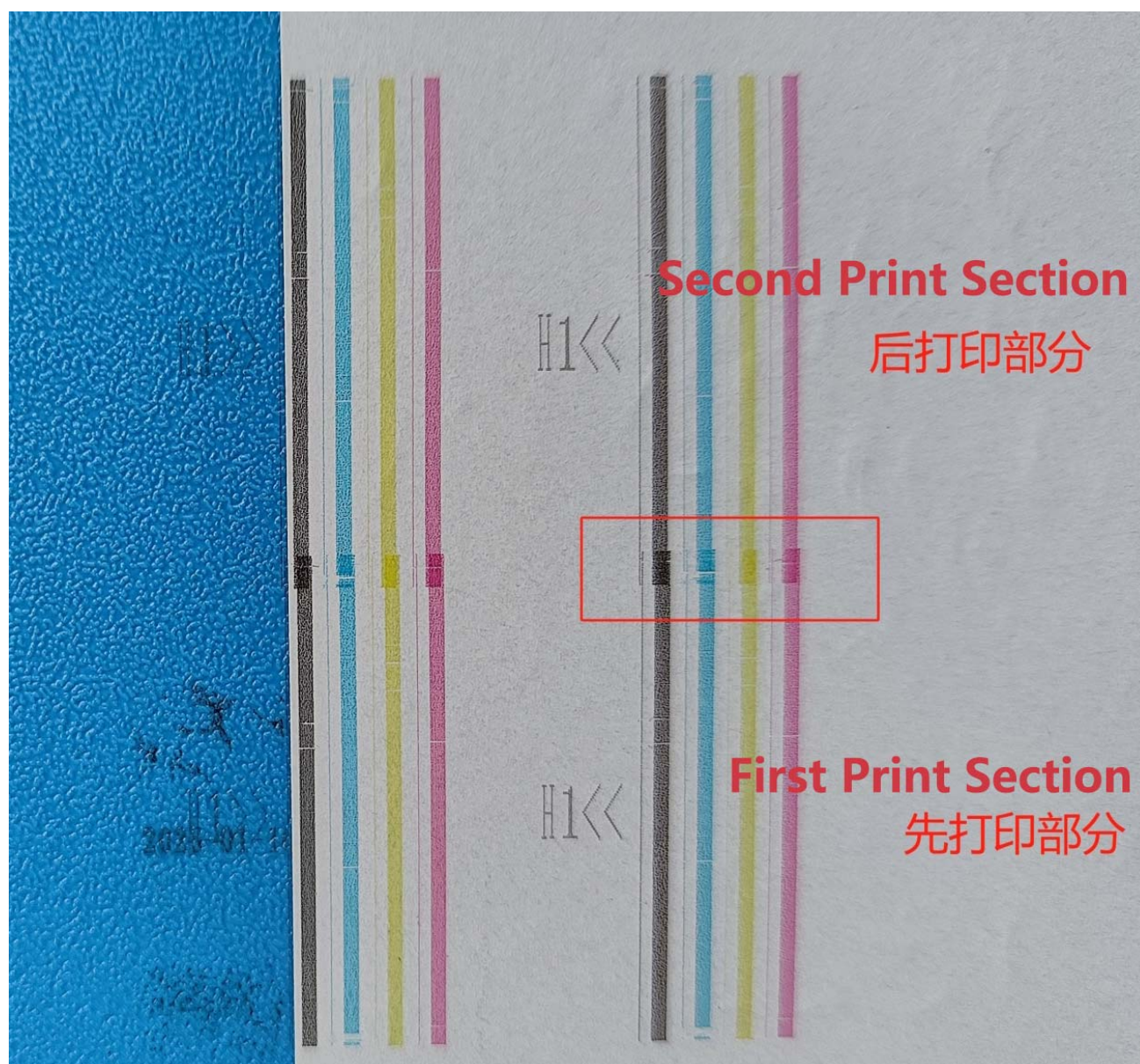


(3) As shown in Figure 1 below, it is divided into a pre-printing part and a post-printing part.

**A. When the front part of the print is relatively to the rear part of the print and is biased to the right, the nozzle needs to be adjusted. The front part of the nozzle is pushed to the right or the rear part of the nozzle is pushed to the left.**

**b. When the front part of the print is relatively to the rear part of the print and is pushed to the left, the nozzle needs to be adjusted. The front part of the nozzle is pushed to the left or the rear part of the nozzle is pushed to the right.**

In Figure 1 below, the first print part is offset to the right relative to the rear print part. Figure 2 below shows how to adjust this situation.

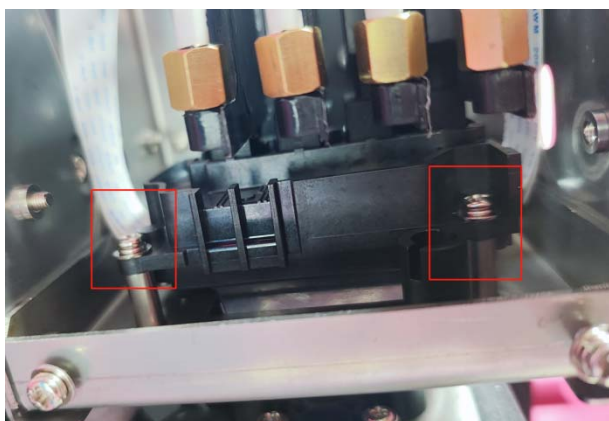




#### 4.4 Spray head diagram:



Loosen the screws at the following three positions to loosen the nozzle: two screws at the front of the nozzle, one screw at the rear of the nozzle, and the positioning shaft on the right side of the rear is not a screw.

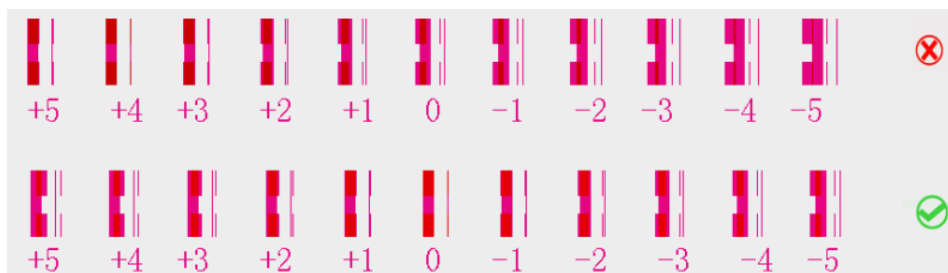


## 4.5 Right/left calibration

| Register Calibration |   | CM0 | CM1 | CM2 | CM3 | CM4 | CM5 |
|----------------------|---|-----|-----|-----|-----|-----|-----|
| Right Calibration    | → | 0   | 0   | 0   | 0   | 0   | 0   |
| Left Calibration     | ← | 0   | 0   | 0   | 0   | 0   | 0   |
| Y Calibration        |   | 0   | 0   | 0   | 0   | 0   | 0   |

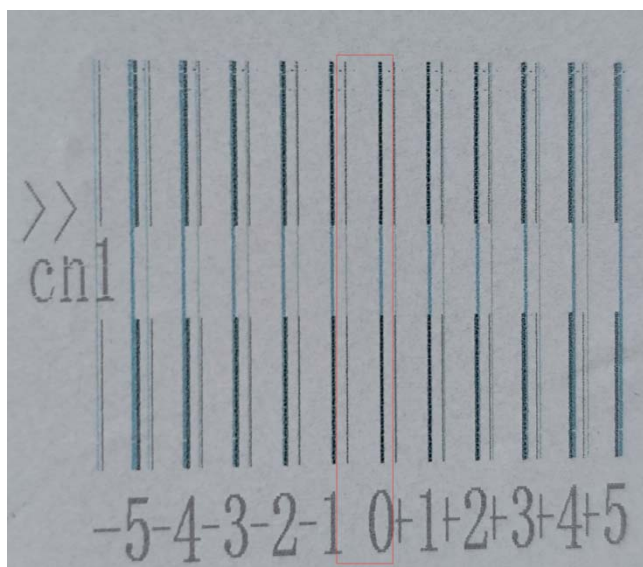
Click left Calibration and the machine will print the calibration diagram as shown below:

If the overlapping position of the calibration line and the reference line in the wrong junction is not at 0, please add or subtract the value of the overlapping position of the calibration line and the reference line on the original basis, and input it in the corresponding color box. The correct result is that the overlapping position of the calibration line and the reference line is at 0.

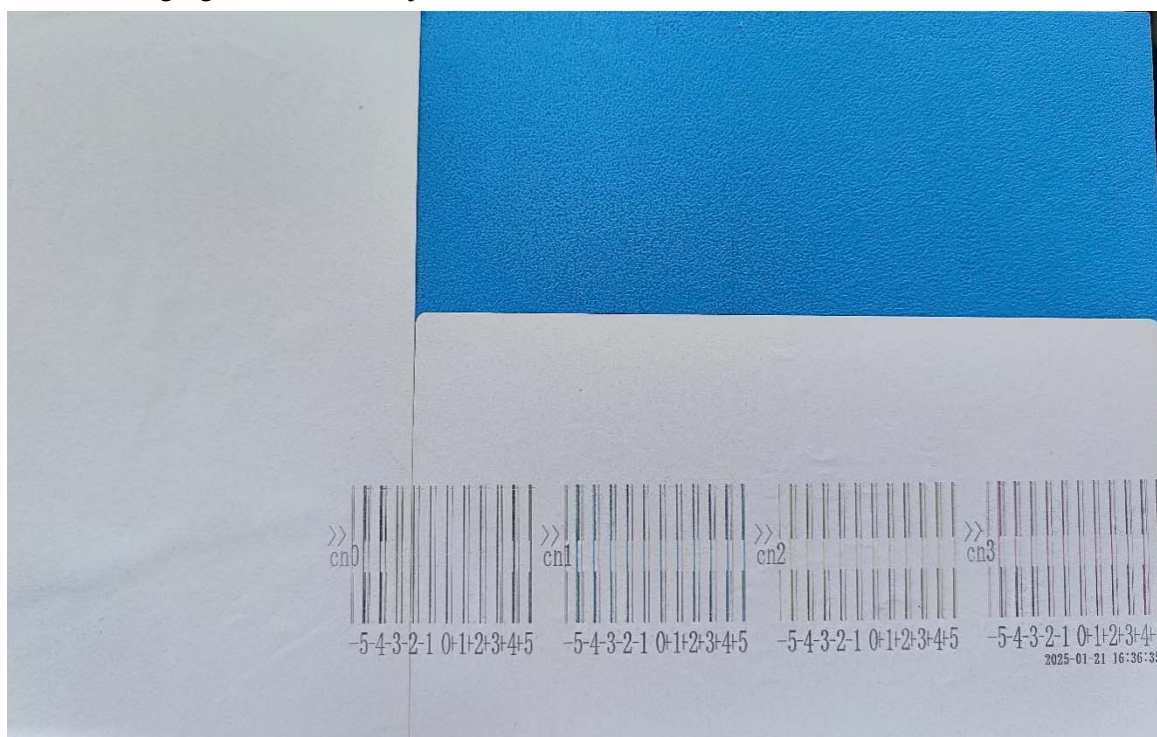


### Actual adjustment reference:

The red box in the figure below is a set of data. After all the numbers are adjusted to 0, the calibration is performed to the right/left, and then the corresponding color calibration value is adjusted to the number below the color line.



The following figure shows the adjustment results.



## 5 Set the printer consumables list to query details

| K77, K114 printer consumables list query details |      |             |                 |      |
|--------------------------------------------------|------|-------------|-----------------|------|
| material                                         | name | life length | Fault diagnosis | unit |

| A       |                                        |                                                                                        |                                                                              |            |
|---------|----------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------|
| code    |                                        |                                                                                        |                                                                              |            |
| 1201001 | Positive pressure ink sac              | The theory is that if there is no damage, it can be used for 12 months                 | The ink supply is not smooth                                                 | individual |
| 1201002 | 8 black ink tubes (inner diameter 2.8) | Theory 18~24 months, no damage can be used for a long time                             | The ink supply is not smooth                                                 | rice       |
| 1201003 | Ink pad (vertical)                     | The theory is that if there is no damage for 12 months, it can be used for a long time | No ink can be drawn                                                          | individual |
| 1201004 | Ink pump (small)                       | The theory is that if there is no damage for 12 months, it can be used for a long time | No ink can be drawn                                                          | individual |
| 1201005 | Transparent waste ink bucket           | The theory is that if there is no damage for 12 months, it can be used for a long time | The internal ink cannot be seen properly                                     | individual |
| /       | F1080 Printer nozzle (new)             | Theory June-August                                                                     | If the needle is broken or the spray is slanted, the printing effect is poor | individual |
| 1201006 | I1600-U1 printer nozzle (new)          | Theory 18~24 months                                                                    | If the needle is broken or the spray is slanted, the printing effect is poor | individual |
| /       | I3200-U1 printer nozzle (new)          | Theory 18~24 months                                                                    | If the needle is broken or the spray is slanted, the printing effect is poor | individual |
| 1201007 | I1600 single head board card           | If something goes wrong, it can be repaired                                            | The circuit problem                                                          | cover      |
| 1201008 | Rectangular ink cartridge (color ink)  | Be careful not to add wrong ink, will not damage                                       | colour mixture                                                               | individual |
| 1201009 | raster                                 | It can be used for a long time without damage                                          | stained                                                                      | twig       |
| 1201010 | Grating sensor (5V)                    | It can be used for a long time without damage                                          | The computer cannot be started                                               | individual |
| 1201011 | U-type proximity switch                | It can be used for a long time without damage                                          | The computer cannot be started                                               | individual |



## 6 K77 shell machine random tool kit details

| Random Kit Details for Phone Case Machine K77 |                             |                                                                                                                   |                                                                                                                          |               |                                      |
|-----------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------|
| order number serial No.                       | material code material code | name of material Material Name                                                                                    | specifications and models Specification                                                                                  | unit unit     | Material quantity Amount of material |
| 1                                             | 1200119                     | Multi-purpose portable tool kit<br>Multi-functional handheld toolkit                                              | Fancy bag-single layer 13 inches<br>Square Bag-Single Layer 13                                                           | pcs           | 1                                    |
| 2                                             | 0700030                     | vacuum slot<br>vacuum nozzle                                                                                      | SP-50 inner hole 8, soft edge<br>SP-50 bore 8, soft edge                                                                 | pcs           | 5                                    |
| 3                                             | 1200151                     | Kaisi set<br>Kaisi set screwdriver                                                                                | 8128,128Pcs/ set<br>8128,128Pcs/set                                                                                      | cover<br>bend | 1                                    |
| 4                                             | 0500511                     | filter<br>filters                                                                                                 | MT210IB-10-R (case 10A leakage<br>protection switch)<br>MT210IB-10-R<br>(chassis 10A earth leakage protection<br>switch) | pcs           | 1                                    |
| 5                                             | 0202072                     | 3D printed jig for mobile phone<br>shell storage position<br>3D printed parts<br>for phone case position fixtures |                                                                                                                          | pcs           | 1                                    |
| 6                                             | 0202073                     | Robot arm 90° 3D printed<br>correction jig<br>3D printed parts of 90°<br>corrective fixtures for robotic<br>arms  |                                                                                                                          | pcs           | 1                                    |
| 7                                             | 0202074                     | Correction of cargo fixtures<br>Goods channel Fixture<br>Straightening                                            |                                                                                                                          | pcs           | 1                                    |
| 8                                             | 0202075                     | The printer prints the 3D fixture<br>for testing<br>3D fixtures for Printer test                                  |                                                                                                                          | pcs           | 1                                    |
| 9                                             | 1201035                     | The printer prints white adhesive<br>test stickers<br>white test stickers for printer                             |                                                                                                                          | pcs           | 50                                   |
| 10                                            | 1201005                     | UV printer transparent waste ink<br>tank<br>UV printer transparent waste ink<br>container                         | Applicable: GBK77-i16U1 printer<br>Applicable: GBK77-i16U1 printer                                                       | pcs           | 1                                    |

|           |                |                                                                                                            |                                                                                                                                                                                           |             |          |
|-----------|----------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|
| <b>11</b> | <b>1201008</b> | UV printer A3 rectangular ink cartridge (open mold)<br>UV printer A3 rectangular ink cartridge (open mold) | <del>Applicable: GBK77-i16U1 printer,</del><br>breathable pipe transformation, ink port piston sealing<br>Applicable: GBK77-i16U1 printer, air duct modification, ink port piston sealing | <b>pcs</b>  | <b>1</b> |
| <b>12</b> | <b>1201009</b> | UV printer A3 raster<br>UV printer A3 lenticular                                                           | Applicable: GBK77-i16U1 printer, 2 per package<br>Applicable: GBK77-i16U1 Printer, 2 strips/pack                                                                                          | <b>pack</b> | <b>1</b> |
| <b>13</b> | <b>1201011</b> | UV printer U type proximity switch<br>UV printer printer U-type proximity switch                           | Applicable to: GBK77-i16U1 printer<br>Applicable: GBK77-i16U1 printer                                                                                                                     | <b>pcs</b>  | <b>1</b> |

## 7 Cargo configuration reference table

| A Area Warehouse Replenishment Table is the reference table for A area cargo channel configuration |                 |                |             |           |          |       |
|----------------------------------------------------------------------------------------------------|-----------------|----------------|-------------|-----------|----------|-------|
| 7A1                                                                                                | 7A2             | 7A3            | 7A4         | 7A5       | 7A6      | 7A7   |
| M2-Samsung S25 Ultra                                                                               | M2-Samsung S25+ | M2-Samsung S25 | M2-16promax | M2-16plus | M2-16pro | M2-16 |
| 6A1                                                                                                | 6A2             | 6A3            | 6A4         | 6A5       | 6A6      | 6A7   |
| M2-Samsung S24 Ultra                                                                               | M2-Samsung S24+ | M2-Samsung S24 | M2-15promax | M2-15plus | M2-15pro | M2-15 |
| 5A1                                                                                                | 5A2             | 5A3            | 5A4         | 5A5       | 5A6      | 5A7   |
| M2-Samsung S23 Ultra                                                                               | M2-Samsung S23+ | M2-Samsung S23 | M2-14promax | M2-14plus | M2-14pro | M2-14 |
| 4A1                                                                                                | 4A2             | 4A3            | 4A4         | 4A5       | 4A6      | 4A7   |
| /                                                                                                  | /               | /              | M2-13promax | M2-13pro  | M2-13    | /     |
| 3A1                                                                                                | 3A2             | 3A3            | 3A4         | 3A5       | 3A6      | 3A7   |
| M3-12promax                                                                                        | M3-12pro        | M3-12          | M2-12promax | M2-12pro  | M2-12    | /     |
| 2A1                                                                                                | 2A2             | 2A3            | 2A4         | 2A5       | 2A6      | 2A7   |

A

|             |          |       |             |          |       |     |
|-------------|----------|-------|-------------|----------|-------|-----|
| M3-11promax | M3-11pro | M3-11 | M2-11promax | M2-11pro | M2-11 | /   |
| 1A1         | 1A2      | 1A3   | 1A4         | 1A5      | 1A6   | 1A7 |
| /           | /        | /     | /           | /        | /     | /   |

**B Area Warehouse Replenishment Table is the reference table for B area cargo channel configuration**

|                      |                 |                |             |           |          |       |
|----------------------|-----------------|----------------|-------------|-----------|----------|-------|
| 4B1                  | 4B2             | 4B3            | 4B4         | 4B5       | 4B6      | 4B7   |
| M3-Samsung S25 Ultra | M3-Samsung S25+ | M3-Samsung S25 | M3-16promax | M3-16plus | M3-16pro | M3-16 |
| 3B1                  | 3B2             | 3B3            | 3B4         | 3B5       | 3B6      | 3B7   |
| M3-Samsung S24 Ultra | M3-Samsung S24+ | M3-Samsung S24 | M3-15promax | M3-15plus | M3-15pro | M3-15 |
| 2B1                  | 2B2             | 2B3            | 2B4         | 2B5       | 2B6      | 2B7   |
| M3-Samsung S23 Ultra | M3-Samsung S23+ | M3-Samsung S23 | M3-14promax | M3-14plus | M3-14pro | M3-14 |
| 1B1                  | 1B2             | 1B3            | 1B4         | 1B5       | 1B6      | 1B7   |
| /                    | /               | /              | M3-13promax | M3-13pro  | M3-13    | /     |

**FCC Warning**

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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.

To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation

**The body is made of steel. Please entrust professionals to install and move it to avoid personal injury and machine damage.**

**IC Warning**

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.

Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux normes CNR exemptes de licence d'Innovation, Sciences et Développement économique Canada. Son fonctionnement est assujéti aux deux conditions suivantes :

- (1) Cet appareil ne doit pas causer d'interférences.
- (2) Cet appareil doit accepter toute interférence, y compris celles qui peuvent entraîner un fonctionnement indésirable de l'appareil.

The device has been evaluated to meet general RF exposure requirement. To maintain compliance with RSS-102 — Radio Frequency (RF) Exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

le dispositif de a été évalué à répondre général rf exposition exigence.pour maintenir la conformité avec les directives d'exposition du RSS-102-Radio Fréquence (RF). ce matériel doit être installé et exploité à une distance minimale de 20 cm entre le radiateur et votre corps.