

MY100-K2MD

Sealing Machine

User Manual

Shandong Maiyue Medical Technology Co., Ltd

2025 version

Instructions

Catalogue

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Instructions

Summary

You are welcome to use the Sealing Machine produced by our company. In order to improve the performance, please read this manual carefully before use. At the same time, you are also very willing to choose the installation and use of the operation and maintenance manual to ensure that the equipment is safe and reliable for you. It is recommended that you use This manual is placed in an accessible location to facilitate the operation of the equipment.

Application

Sealing Machine is a special equipment for paper-plastic bags, paper-plastic three-dimensional bags and paper-paper bags that need to be heat-sealed on site. It adopts a continuous sealing method and can seal paper-plastic bags of any width. It is mainly used for the sealing of paper-plastic packaging bags before sterilization of various medical items in hospitals, and is fully adapted to the needs of high temperature steam sterilization, low temperature ethylene oxide, hydrogen peroxide plasma and radiation sterilization.

Sealing materials:

- ✓ Compliance with EN868-5 bags and volumes;
- ✓ Compliance with EN868-4 paper bags;
- ✓ High density polyethylene materials (such as Tyvek);
- ✓ Aluminum foil materials.

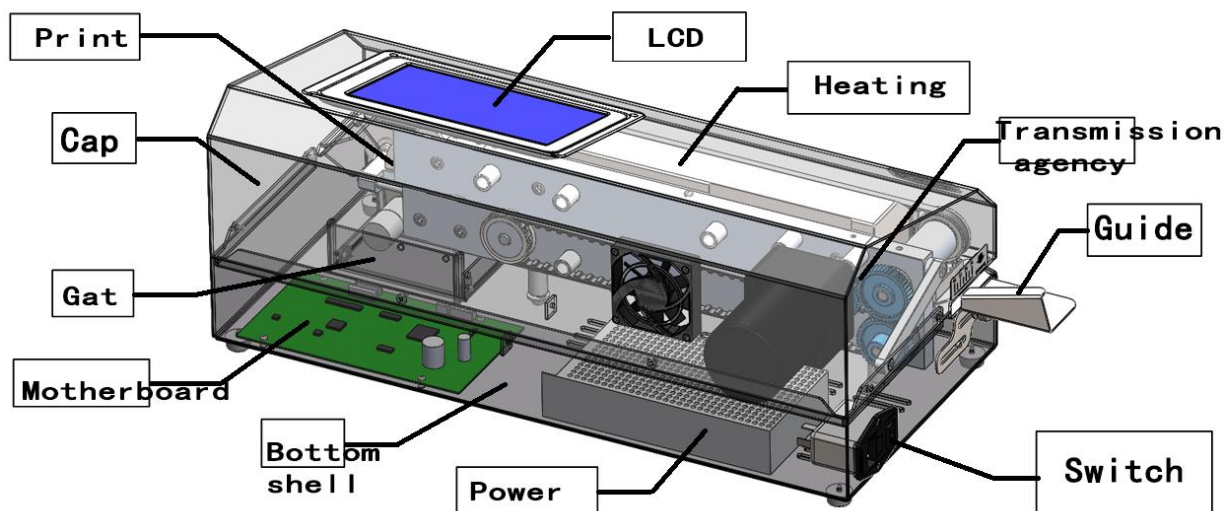
Non-sealing materials:

- ✧ Polyethylene film;
- ✧ Soft and hard film;
- ✧ Nylon membrane.

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Characteristic

The Sealing Machine is composed of the shell (base+cover+valve), power switch, the direction board, drive mechanism, heated sealing body, monitor, operation panel, print mechanism, main control board and switch power.



Machine diagram

Main characteristic: Automatic micro-computer temperature control, easy operation, continuous sealing, large-screen display, high reliability. Sealing temperature, expiry date, pot number and pot batch can be set optionally. The device sets the sealing and print function into one. It is a stylish, compact, lightweight Sealing Machine.

The device complies with the "BS EN ISO 11607:2006" for the Sealing Machine requirements.

Technical indicators

Sealing speed: 10 ± 0.5 m/min
 Seal the edge: 0~35 mm
 Sealing line width: >12 mm
 Operating temperature: 60~220°C
 Temperature control accuracy: $\leq 1\%$
 printing Typ: NeedleTyp
 working environment: 10~40°C
 AC power: 220V 50Hz
 Work rate: 500 W
 Maximum current: 3.2A
 Insurance wire: 5A×2

Instructions

Dimensions: 500×230×140 (L×W×H) mm

Storage environment

Temperature: -20~60℃;

Humidity: ≤80% (T=25℃) ;

Atmospheric pressure: 50KPa~106KPa

Safety matters:

1. The device is strictly tested before leaving the factory to ensure each one is both reliably qualified and safe.
2. Safety instruction, nameplates and labels of the product during installation and usage must maintain complete.
3. Please make sure that the device is complete before use. If it has any damage, please contact the manufacturer or authorized agents. Flawed devices are strictly forbidden to continue the installation and usage.
4. Before switch on it, please make sure the device has no signs of any unsafe. If you have any questions, please contact the manufacturer or authorized agents.
5. Do not use the device with the power cord or plug damaged neither the equipment damaged. If the power cable or the device has been damaged, it must be repaired by the manufacturer or an authorized agent.
6. The device power cable must be the original configuration and connected to a reliable grounding outlet with a secure stable voltage.
7. The device concludes high temperature and high pressure components. Operation in explosion hazard zone is forbidden.
8. If the device is taken directly from the colder environment into a warmer environment, pay attention to dew condensation. Switch on after making sure the temperature is balanced and dew evaporates. Forced power will cause electric shock and damage to your equipment.
9. Please power off or disconnect the plug when the device is idle.
10. Be sure to cut off the power before cleaning! Only dry or slightly moistened soft cloth and neutral cleaning agent are permitted for cleaning.
11. No sharp or flat hard objects can be sent into the Sealing Machine feed so as to avoid any harm to the equipment.
12. It is forbidden to insert any objects into the thermovent to avoid electric shock or any damage to the equipment.
13. If the equipment is found any unsafe sign, please stop using immediately.
14. The users must be 18 years of age.

Main characteristics:

1. 7" colored liquid crystal screen, light-touch keyboard, Chinese operational interface, internally installed clock;
2. Temperature controlled by a microcomputer, accuracy ≤1%, working temperature range 60~220℃;

Instructions

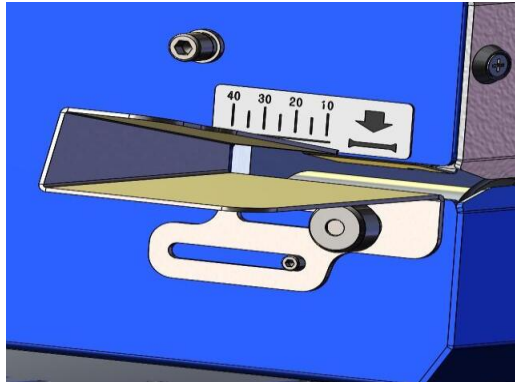
3. High rate increase of temperature, 40 seconds required from room temperature to 180°C;
4. Automatic temperature reduction performance by an air removal system which is connected to a temperature control system to reduce the waiting time from high sealing temperature to lower sealing temperature.
5. If the sealing temperature outranges the setting range for more than $\pm 4^{\circ}\text{C}$, the machine will automatically stop working, which effectively guarantees the seal quality and safety.
6. Sealing speed: 10m/min; automatic seal printing test using light-control technique.
7. Sealing width: 12mm; Seal strength meets *BS EN 868-5:2009* requirements.
8. Sealing margin: 0~35mm adjustable.
9. Adjustable fixed-force system, suitable for sealing 3D paper-plastic bags and any different thickness paper-plastic bags.
10. Can be used to print numbers and special symbols which are in the “*ISO 15223-1:2007*”. It meets the requirements from health department such as the sterilization date, validity of expire date, lot number, operator number, pot number/batch, etc.
11. Sterilization date, expiration date, batch code and any other parameters that can be selected to print in symbols .
12. Expiration date can be adjusted automatically according to the effective days. Leap month and long-short month can be adjusted automatically.
13. Two printers with 24 needles prints items in order: sterilization date, expiry date, lot number, operator, pot numbers/batch and device numbers.
14. Automatic failure alarm and automatic detection during working.
15. Narrow, normal, wide body, three print fonts and symbol print contribute to more content on a relative narrow bag.
16. Print function can be activated partly based on customer demands.
17. Automatic energy-saving standby function. The standby time is adjustable. Intelligent standby recovery system helps return to the working temperature quickly.
18. Advanced flat ceramic heating components, high-temperature stability, long life expectancy and high heat efficiency

Installation

1. Check the completeness of the packing box. If there is obvious deformation or mechanical damage, please contact our companies or agents promptly to make sure the reason and responsibility.
2. Please carefully remove the machine and the accessories from the packing box. Check the device and the accessories according to the enclosure I, the packing list. Record the missing parts if necessary.
3. Please keep the packing bags, attaching files and other accessories properly.
4. 5cm space around the equipment to ensure the flow of air during the installation.

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5. Avoid vibration, dust, corrosive or explosive gases, extreme temperatures and moisture, etc.
6. The tester requires a smooth and solid worktable.



Guide plate installation

7. Guide plate installation: screw the nut counterclockwise to adjust the plate as Figure and clockwise to tighten.
8. Power connection:
9. Make sure the AC power meets the following specializations: 220V 50Hz;
 - 6) Place the original power cord one side inserted into the device power connector and another into the grounded three-prong power plug;



Warning: The ground terminal of the power socket must be reliably grounded ! !

Installation appraisal

According to ISO11607-2 on the quality of the sealing, it is necessary to use the test bag to perform the installation qualification (IQ) of the Sealing Machine.

Installation verification is to verify the sealing performance after use after the Sealing Machine is installed.

The sealing quality is related to the sealing temperature, sealing pressure or sealing speed. These parameters must be adjusted according to the material to be sealed to meet the needs of sealing quality.

If there are deviations in temperature, pressure and other parameters, it can be displayed prominently on the test area of the test bag used.

In order to better check and record the Sealing Machine installation and appraisal results, the test bag produced by our company will have a better detection effect.

Instructions

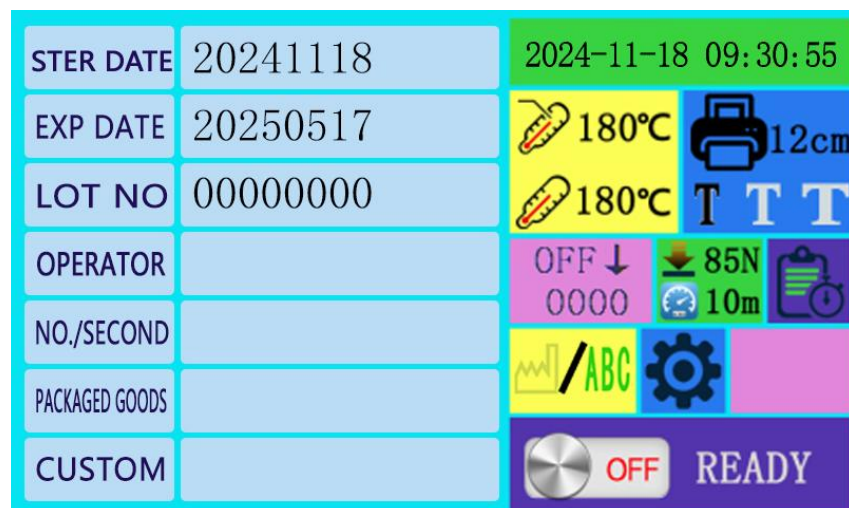
According to ISO11607-2, the purpose of testing must ensure that the sealing line meets the following requirements:

- Continuous sealing width and complete sealing;
- No passage or opening;
- No perforation or tearing;
- No material stratification or separation.

After the low temperature and high temperature test bags are tested, the sealing strength tester should be used to test the sealing strength. This test will determine whether the adhesive strength of the paper-plastic bag seal joint before and after the sterilization process meets the specifications Requirements.

Operation Introductions:

1、Interface introduction: The working interface of this machine is as shown in the working interface diagram, which is divided into two large areas on the left and right to display the distribution and definition of the buttons.



Work interface diagram

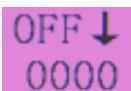
2、Interpretation of work interface icons:

icon	introduction	icon	introduction
STER DATE	Sterilization date printing	STER DATE with a red prohibition sign	The sterilization date is not printed

Instructions

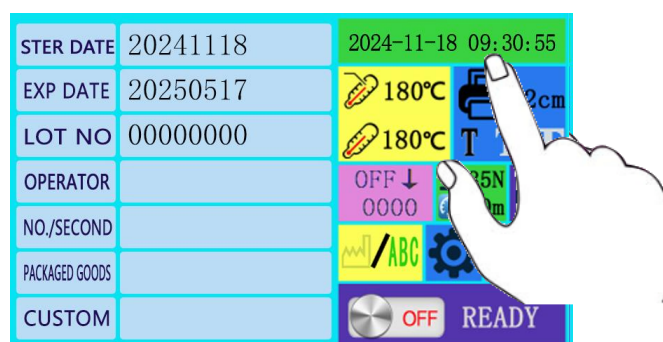
EXP DATE	Expiration date printing		The expiration date is not printed
LOT NO	Batch code printing		Batch code is not printed
OPERATOR	Operator print		Operator does not print
NO./SECOND	Pot number pot times printing		Pot number and pot times are not printed
PACKAGED GOODS	Item name printing		Item name is not printed
CUSTOM	Custom content printing		Custom content does not print
ID	Device number printing		The device number is not printed
	Seal serial number printing		The serial number of the seal is not printed
	CE symbol printing		CE symbol does not print
	set temperature		nowTemperature

Instructions

T	Print font narrow body	T	Print font is normal
T	Print font wide body		Print switch is on
	System settings		Print switch off
	Sealing pressure		Test print
	Seal open state		Seal closed state
	Counter		

3、LCD: The device uses a multi-touch screen

The screen can be touched on the surface of the screen to operate the device.



4、The main working interface is divided into two parts: the left half is the print selection and print content area; the right half is the function operation area.

1) Switch printing options: touch with your finger **STER DATE**、**EXP DATE**、**LOT NO**、

OPERATOR、**NO./SECOND**、**ID** And other icons can choose whether to print this option.

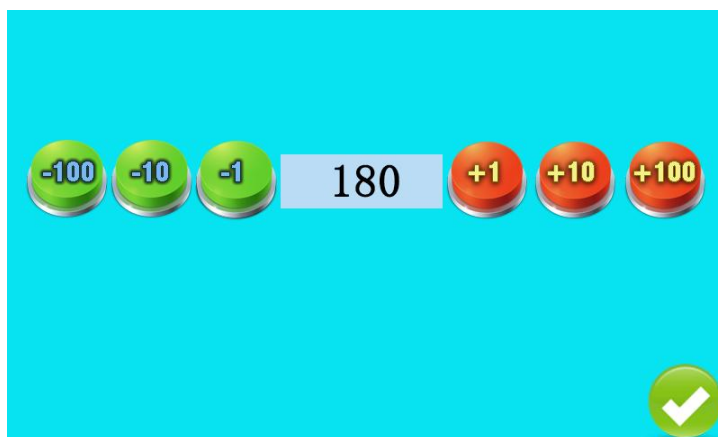
2)Print content modification: touch and hold the selected item with your finger

3) The sterilization date is automatically synchronized with the system time, this item can only be set by modifying the system time.

Note: The buttons on the screen of this machine must be operated gently, and no hard objects can be used instead of fingers to press the screen

Instructions

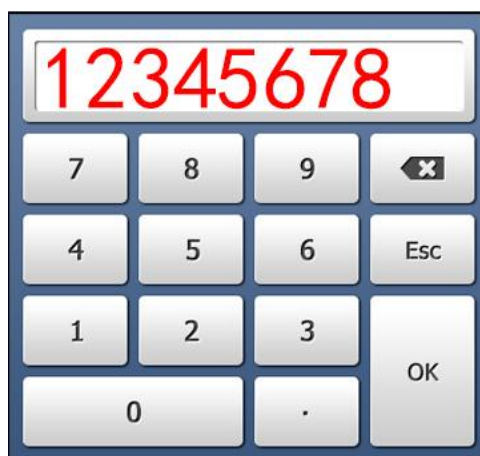
4) Expiry date modification: Touch with your finger **EXP DATE** The following content, The following picture will pop up. The effective days can be modified by adding and subtracting, and the setting range is 0-999 days. After setting, the system will automatically calculate the expiration date according to the sterilization date.



Expiration date modification

5) Batch code modification: Touch with your finger **LOT NO** The following content, The numeric keyboard will pop up as shown below. Set the value through the number keys on the keyboard, Setting content up to 8 digits.  Delete key,  Modify key for cancel, Touch this button to exit batch code

modification,  To confirm the modification key, tap this key to save and exit the batch code setting.



Numeric keyboard

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6) Operator modification: Touch with your finger **OPERATOR** In the following

content, the operator option bar will pop up; touch ☐, Can be selected ☒

This content is to be printed; in ☐ After tapping the content in the option bar, the full keyboard will pop up as shown in the figure below. The print content can be set through the keyboard, and the maximum length of the content is 16

characters.  Delete key,  To cancel the modification key, touch this

key to exit the operator modification,  To confirm the modification key, tap

this key to save and exit the operator settings,  Cursor left,  Right

cursor key,  Key for selecting uppercase and lowercase letters,  Style

is uppercase,  The style is lowercase. One thing to note here is that if you enter a symbol, you must cancel the uppercase, otherwise the input will display "?" The system cannot recognize the input.



All key

7) Pot number pot number, item name, custom content modification: touch the content behind the corresponding print switch with your finger, and the option bar will pop up. For specific operations, please refer to the operator to modify.

8) The device number is the factory number, the user can only choose whether to print this item.

9) The sealing serial number is automatically accumulated serial number, the user can only choose whether to print this item.

Instructions

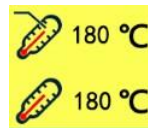
10) System time modification: Touch the time in the upper right corner and the time setting interface will pop up as shown in the figure below, touch



The time will pop up the time value modification interface as shown in the figure. At this time, use ↑ or ↓ to adjust the year (Y), month (M), day (D), hour (H), minute (Q), and long press the button to achieve some quick adjustments. After the modification is complete, tap the check icon to save the time. Then exit the time setting interface and return to the main working interface.



Time setting interface



11) Working temperature setting: touch The area will automatically pop up the temperature setting interface, which can be adjusted by the plus and minus buttons on the temperature setting interface; there are quick setting keys for 60 degrees, 120 degrees, 180 degrees and 220 degrees. The temperature setting range is 60-220 degrees. After modification, touch the return key to exit the

temperature setting.  The following value is the set temperature;  The following value is the real-time working temperature.

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Temp set

12) Print switch  setting: Tap the icon to  choose whether to turn on printing. The value behind the icon represents the minimum reference paper bag width required to be able to print completely.

13) Font width setting: When there is a lot of printing content and the paper bag is relatively narrow, in order to print all the content on the paper bag, we can choose the narrow-body style to print. If the paper bag is wider, you can choose wide-body printing.

The method of modification is to **T** touch the icon of the corresponding font with your hand, black is displayed as selected, and gray is displayed as unselected.

14) Pressure: at  The real-time pressure value of the current seal will be displayed behind the icon.

15) Sealing test print: If you need to test the running status of the device,

you can touch  Icon to test the running status of the device. Tap to finish



Icon, the device will automatically jump to the test and history query interface. By selecting the test interface, you need to operate one by one according to the operation prompts on the display when you do the test..

16) Historical record query: Enter the historical query interface (see 15 for the entry method), and enter the 4 digits for the year, 2 digits for the month, and 2 digits for the day after the sterilization date (the day can be omitted, which means to query the history of the current entire month), such as : On May

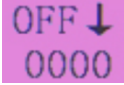
Instructions

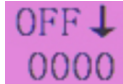
18, 2021, enter "20210518" or enter "202105" to query the history of the entire month of May 2021. Use "" or "" to switch to view the complete entry data. When there are multiple pages of content, you can use "Up Page" or "Next Page" to turn pages to view historical data.

Note: This function is valid when the device has historical data recording function.

17) Historical data export: When inserting a U disk (capacity not greater than 32GB, FAT32 format) in the work interface, the device will automatically recognize the U disk model and U disk capacity. During the process of copying data, the interface will prompt the copy progress and completion status.

Note: This function is valid when the device has historical data export function.

18) Counter application:  It is the counter display window. If the counter is in the open state, the counter will automatically update the display content every time it is sealed. The counter is divided into two counting methods: up counting and down counting. If it is counting down, the count is 0 and the buzzer indicates the end of the count. And automatically turn off the counter; if the count is up to 9999, it will automatically recalculate from 0. The modification

method is to touch  Area, enter the counter modification interface as shown in the figure. Tap the displayed value to pop up a dialog box for modifying the count value; tap the up and down icons to modify the counting method, 

The icon is a positive counting method,  The icon is a countdown method. Tap

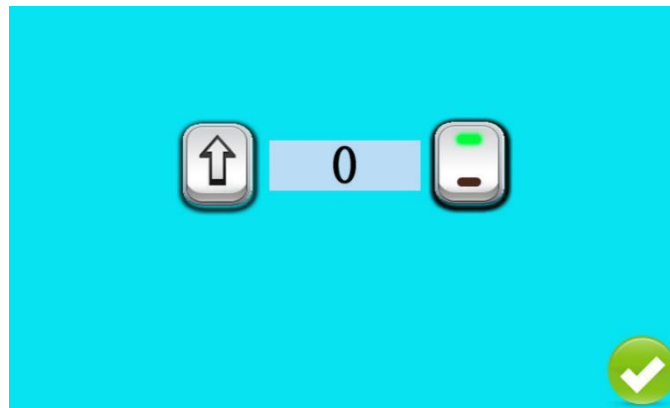


or

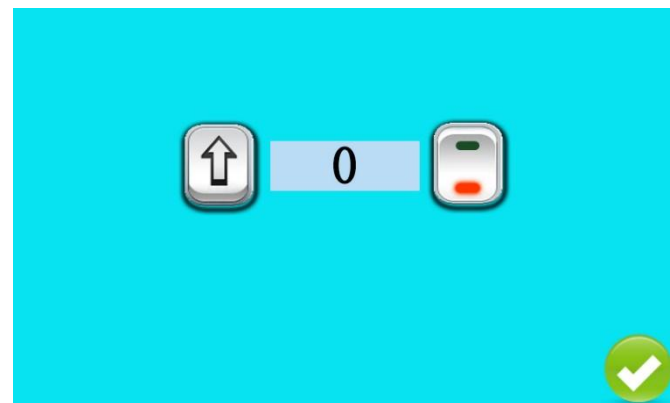
Icon can turn the counter on or off,  The icon is the counter

on,  The icon is the counter closed state. After the modification is completed, touch the return key to save and exit the modification.

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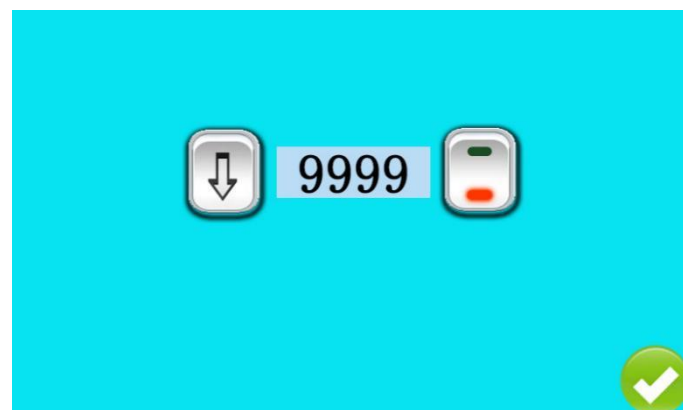
Positive counting on state



Positive counting off state



Countdown on

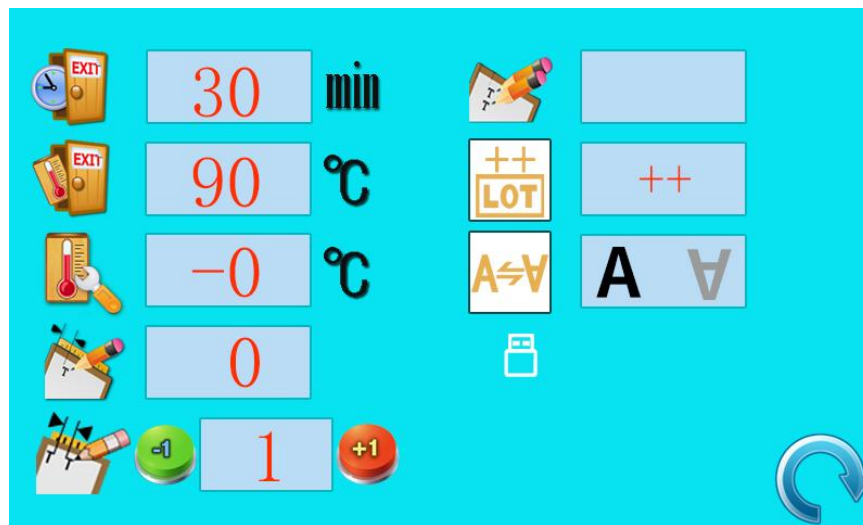


Countdown off

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19) Switch device: On the main working interface, you can switch the working mode of the device, which can be touched 、 Realize the switch of the device.  and  The current operating status of the device is displayed behind the icon.

20) System setting: The system setting can adjust the standby time, standby temperature, correction temperature and printing start position. Tap  The icon enters the system setting interface as shown in the figure below.



System setting interface

Icon	Description
	Standby time
	Standby temperature
	Correction temperature
	Print start position

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	Print item spacing
	Double printing printing position selection
	Sterilization batch accumulation
	Reverse printing switch

Standby time setting: touch the value of standby time in the system setting interface to enter the standby time setting interface. The standby time setting range is 0-999min (minutes), if the standby time is set to 0, the standby will be turned off.

The standby time can be modified through the plus and minus keys. After the modification is completed, please exit directly.

Standby temperature setting: Touch the value of standby temperature on the system setting interface to enter the standby temperature setting interface. The standby temperature setting range is 60-120 degrees. The standby temperature can be modified by pressing and keys, or by pressing and Quickly modify the 60, 80, 100, 120 under the minus key. After the modification is completed, please exit directly.

Correction temperature setting: Because the heating element is in a long-term high temperature state, its temperature coefficient may change slightly, which will cause a slight deviation of the sealing temperature, so the device is designed with a sealing temperature correction function. Tap the correction on the system setting interface The value of temperature, enter

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the calibration temperature setting interface. The setting range of the calibration temperature is $-10^{\sim}+10$ degrees, the modified value can be modified directly through the plus and minus keys; to modify the sign, you need to touch the "+" on the left of the value, "-" icon to switch. After modification, please exit directly.

Print start position setting: the print start position is also called the print margin distance, which is the distance between the start position of the printed characters and the left paper bag. In the system setting interface, touch the value of the print start position to enter the print start position setting interface You can use the plus and minus keys to modify. The setting range of the printing start position is 0-10, the smaller the value, the closer to the left side of the paper bag. After the modification, please exit directly.

Print item spacing: By setting the print item spacing, you can insert blank characters between items such as sterilization date and sterilization batch. The number of blank characters depends on the set value. The value setting range is 0-20.

Double printing printing position selection: by setting the double printing printing position, the printing item can be in the upper row



Print or download  print. ☐ Unchecked row status, ☒ Selected row status;

Note: This function is valid when the device has dual printout function.

Sterilization batch accumulation: The sterilization batch accumulation function can make the sterilization batch produce sterilization batch +1 each

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time it is sealed. When the back icon is "=", it is to close the sterilization batch accumulation function; when the back icon is "+", it is to turn on the sterilization batch accumulation function.

Reverse printing: When the packaging bag needs to rotate the printing font 180 degrees, the reverse printing function can be turned on. "A" means forward printing; "V" For reverse printing.

Note: In reverse printing, the printer prints the final content first, and then proofs the head content. If the head content is not printed, please adjust the font to narrow or reduce the print item.

Standby description: Standby is to start timing at the last key operation or the end of the sealing. After the timer reaches the set value of standby time, it will automatically stand by. Standby will reduce the working temperature to the set value of standby temperature, and then the constant temperature will automatically change the brightness of the display. It is dark to minimize the energy consumption. There are two ways to clear the standby: one touch any position on the touch screen; two, put the paper-plastic bag into the entrance of the Sealing Machine, and then remove it. After the standby is cleared, the display will resume highlighting. The working temperature quickly rises from the standby temperature to the upper set temperature.

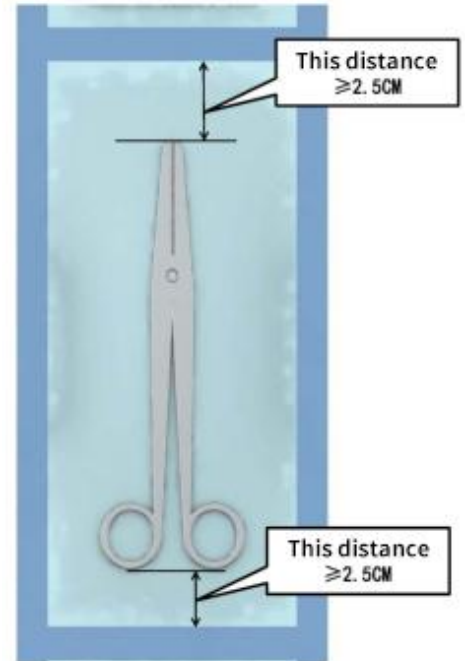
Note: In order to protect the normal operation of the heat sealing work, any screen operation needs to wait for the equipment motor to stop running .

Regardless of whether the device is turned off or suddenly powered off, the parameters set before the shutdown will be automatically saved

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Operation Process

1. According to Chapter 2 "Material of Packaging Bags" or choose a paper-plastic packaging bag that can meet the paper requirements, and at the same time, read the logo printed on the packaging bag test before use, and the sealing strength of both sides of the bag meets the requirements.;
2. Adjust the position of the guide plate: The position of the guide plate is installed on the left side of the equipment, and can be adjusted within the scale of 0~35mm. When adjusting, rotate the nut counterclockwise, and the guide plate can move forward and backward until the guide plate is loose. Moving the guide plate outward can make the sealing line Close to the outer edge of the bag, move the guide plate inward to keep the sealing line away from the edge of the bag. The specific adjustment size depends on the sealing situation. After the adjustment is completed, turn the nut clockwise until the guide plate is fixed.;
3. According to the size of the items to be packaged, choose the width and length of the sterilization tube bag that are suitable for you. Refer to the previous section to set the Sealing Machine to be in a non-printing state. Seal one end of the sterilization tube with a Sealing Machine, and then seal the medical items. Put it in the bag. According to the relevant regulations of "WS310.2-2009", the distance between the device in the bag and the sealing part of the bag should be $\geq 2.5\text{cm}$, so there should be enough margin for the cutting length of the tube.;
4. Note that special-shaped and sharp objects must be placed correctly, and under special conditions, a sheath must be used to protect the instrument, so as to ensure that the sterilization tube will not be broken and ensure safety during use;
5. Feed the bag with the printing side down from the left side of the device along the guide plate, and the conveying mechanism will automatically start. After the bag enters the Sealing Machine, it will complete preheating, pressing and printing in sequence until it is sent out from the right side of the Sealing



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Machine to complete the bag. Schematic diagram of leaving the edge of the mouth sealed once;

6. In order to ensure that the sealing edge is flat and flat, please hold the two ends of the bag opening with both hands, and fully flatten the part of the bag opening that enters the Sealing Machine. Before sealing, make sure that the bag opening is parallel to the Sealing Machine. After the transmission mechanism starts, please follow the running direction of the equipment. Right the bag, and hold the packaged items in your hand after the bag mouth has completely entered the Sealing Machine and move forward until the sealing process is over.

Note: In order to improve the sealing efficiency, a roller worktable or a multi-functional sealing worktable can be configured!

7. Since the printer is installed below the inside of the device, when the paper-plastic bag is sealed, it must be placed in the guide plate according to the upper and lower paper, otherwise it will not print correctly;

Warning: It is forbidden to send the contents of the bag into the entrance of the Sealing Machine, otherwise it will cause serious damage to the equipment

8. After sealing, remove the bag and let it cool briefly.

Recommendation: Due to the differences in the materials used by the paper-plastic bag (paper-paper bag) manufacturers, in the specific sealing operation, the test bag for the Sealing Machine and the sealing strength tester should be run and the sealing effect tested before use. , To determine the appropriate sealing temperature to ensure the quality of the sealing. The sealing temperature of different materials is different.

In order to achieve a good sealing effect, please choose a paper-plastic bag that meets the requirements of national regulations

Run appraisal

It can be seen that the second part of ISO-11607 and the relevant regulations of WS310.2-2009, the accuracy of the parameters and the sealing performance of

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the weather card should be checked before daily use, and the operation test (OQ) should be used.

Operational appraisal refers to the verification of the sealing performance of the Sealing Machine during normal use.

- ✧ Test whether there are channels or openings in the sealing line
- ✧ Test whether the sealing pressure is too high or too low
- ✧ Test whether the temperature of the seal is too high or too low
- ✧ Test whether the seal is continuous or leaks

It is recommended that users conduct sealing tests before or before the end of the sealing work every day, and archive the test patterns for future reference.

In order to better check and record the operation identification of the Sealing Machine and ensure the normal operation of the equipment, we recommend that you use the paper-plastic bag sealing test bag or Tyvek low-temperature sealing test bag produced by our company to test the high and low temperature sealing effect of the sealing equipment. Cooperating with the sealing strength tester to verify the sealing strength will make the sealing quality more secure.

Detection method

1、 Sealing test bag:

The sealing test bag produced by our company is based on the requirements of the operating qualification (OQ) of the sealing equipment in the second part of ISO 11607-2:2006 "Confirmation requirements for the forming, sealing and assembly process", and obtain the requirements after installation or operation

When the equipment is used in accordance with the procedures, it is evidence of whether its work is running within the expected determined limit, and at the same time forms the detection pattern of the document recording process, which is used for the comprehensive detection and recording of the performance parameters of the sealing equipment when it is used, and can visually display the sealing equipment The sealing effect and quality of the seal are highlighted, sealing defects are found in time, and the sealing parameters are adjusted in time to meet the normal sealing needs, ensuring the sealing quality, and can be archived as a future verification or traceability of the sealing effect of the batch of sealed products.

The sealing test bag is divided into two specifications. One is a

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paper-plastic bag test bag for high temperature (180℃) sealing, and the other is a Tyvek test bag for low temperature (120℃) sealing..

2、Sealing strength tester

The sealing strength tester produced by our company is in accordance with the requirements of the fifth part of YY/T 0698.5-2023 "Requirements and test methods for sealable combined bags and coils composed of breathable materials and plastic films", and realizes the heating of composite bags and coils. The strength of the sealing and pressing part is determined to detect whether the strength of the heat sealing and pressing part after the sterilization process meets the specified strength requirements of the special equipment. Using this equipment, the sealing strength of various types of Sealing Machine can be carried out in accordance with the requirements of the specification. Test, and print the test parameters through the built-in micro-printer, or connect the tester to the computer (optional), and store or print out the test parameters through a special recording program to meet the sealing effect of the batch number of paper-plastic bags The need for traceability.

Note: This test should be carried out after the paper bag is sterilized.

According to the requirements of the national standard ISO 11607, our company recommends that users insist on using test bags and sealing strength testers for daily inspections, which can effectively guarantee the quality of each batch of sealing. Especially after replacing the sealing material or repairing the equipment, more The test bag and sealing strength tester should be used to perform the necessary sealing effect testing before the Sealing Machine is used.

If the user is unable to perform on-site testing, please contact our company, our company will come to your door or send the test sample (the sealing device can also be mailed) to our company for testing and issue the relevant test report (the test item is charged).

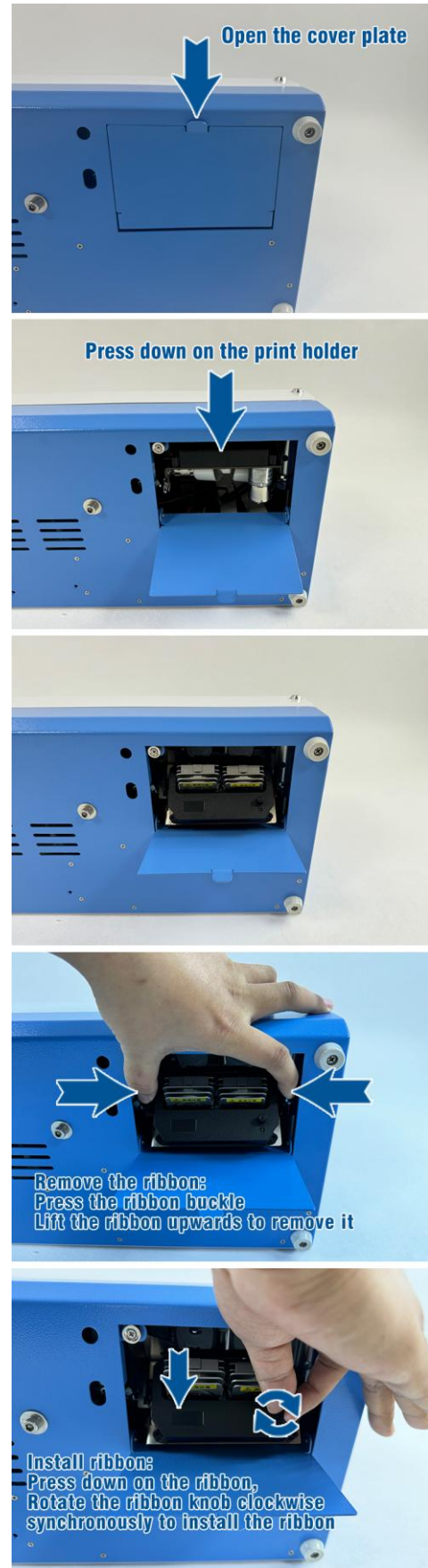
Equipment maintenance

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1. Ribbon replacement: The ribbon is dedicated to dot matrix printers, and is the same as the toner and ink cartridges. It is also a printing consumable. When the print content is blurred, it means that the service life of the ribbon has expired, and the ribbon needs to be replaced. The belt method is shown in Figure 42: Turn the Sealing Machine over, open the bottom cover, and turn the printer holder down in the direction of the arrow. The black box in the picture is the ribbon box, and then press the spring clip upwards and gently take it out. This is the ribbon installation process. If you cannot install the ribbon smoothly when installing the ribbon, it may be that the tenon of the ribbon spool interferes with the motor shaft. Please turn the ribbon spool clockwise slightly to make it smoothly inserted into the ribbon motor drive shaft. In the ribbon spool, after the ribbon is installed, rotate the printer seat to the original position and cover the bottom cover..

note:

- 1) The special temperature-resistant ribbon produced by our company must be used. If other substitute ribbons are used, the Sealing Machine will not be able to print normally or the print head will be damaged, and it will affect the storage time of the marked mark..
- 2) To avoid burns, you should turn off the power of the device for ten minutes or ensure that the print head has cooled to room temperature before replacing the ribbon..
- 3) There are two spare ribbons in the accessories. The length of ribbon usage is related to the usage time and the number of prints..



2. Replacing the fuse: If the device still cannot start normally after the power

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of the Sealing Machine is turned on, you should first check whether the fuse is damaged. Before replacing the fuse, you must turn off the power, unplug the power cord from the switch seat on the left side of the device, and use a flat-blade screwdriver to remove it. Pry out the fuse holder on the switch seat from the side, check whether the two fuses are blown or damaged. If it is broken, replace the fuse holder, and then install the fuse holder back to the original place. If the fuse still cannot be turned on after the new fuse is installed or the fuse is reopened, please refer to The "Troubleshooting Table" is checked by professionals, or you can directly contact the agent or contact our company.

Note: The spare part of the fuse is in the attached accessories

3. Remove the jammed bag: When you find that the bag is stuck in the Sealing Machine and cannot move forward due to wrinkles, foreign objects, etc., you should turn off the power immediately, and slowly apply force from the front of the device to the chest to pull the bag out At the same time, check whether the pulled-out bag is complete. When it is complete, it can be turned on again to avoid such incidents from happening again. Bag fragments falling in the Sealing Machine or stuck on the Sealing Machine transmission system will affect the normal operation of the equipment. The situation should be cleaned up by professionals in time before starting up.

4. system hint:

The print head is overheated:

When the print head is overheated and the prompt sound appears, it means that the temperature of the print head has exceeded the set maximum operating temperature. The solution is to wait for the print head to cool down, the prompt will be automatically canceled, and the device will automatically return to normal working status.

5. Equipment cleaning:

- 1) Before cleaning the surface of the Sealing Machine, you must turn off the power switch and disconnect the power socket.
- 2) The outer surface of the cabinet and the display screen should be cleaned with a soft cloth and non-corrosive cleaning agent, such as soap. Never

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use abrasive materials (such as steel wool) to clean the surface of the device or display screen..

- 3) It is strictly forbidden to insert any objects into the radiator during the cleaning process to avoid electric shock or damage to the equipment.
- 4) When cleaning objects around the equipment, prevent water droplets or small objects from entering the equipment through the heat dissipation holes, causing the equipment's electronic control system to malfunction.



Warning: It is forbidden to use all objects with water in contact with the equipment to prevent water from entering the inside of the equipment!

Precautions



Non-professionals should not open the casing of the equipment to avoid possible electric shock or burns caused by strong electric or high-temperature components inside the equipment. Any maintenance and upgrade of the equipment must be carried out by personnel trained and authorized by our company.

- When not using the device for a long time, please turn off the power or unplug the power plug in time.
- If an abnormal phenomenon is found, please turn off the power immediately, and then continue to operate after troubleshooting.
- It is strictly forbidden to seal Tyvek bags (120°C low temperature bags) under high temperature conditions (above 135°C)!
- It is strictly forbidden to forcibly turn on the equipment when the equipment is damaged or malfunctioning, and it can be used only after the manufacturer or authorized personnel repairs it normally.
- Static electricity will cause great damage to the control board, please ensure that the power supply of the Sealing Machine is well grounded

Summary: No matter what method is used to identify the sealing equipment, no matter what method is used to test the sealing effect, no matter how many regulations are implemented to ensure the normal operation of the sealing equipment, the purpose is to ensure that the items are sterilized after the package

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is sterilized and before the package is opened. Maintain a sterile state, ensure that the sealing equipment is running under normal working conditions, and effectively guarantee the quality of the sealing.

After-sales service

Free service range:

The company's products provide a one-year warranty service, and the warranty period starts from the date one week after the shipment.

Products within the warranty period can enjoy free maintenance and replacement parts or replacement services, but the Sealing Machine ribbon is a consumable, and the power cord is a vulnerable part, which is not in the scope of free service.

If the contract provides otherwise, it shall be implemented in accordance with the contract.

Charged service range:

- 1) For equipment beyond the product warranty period, our company will implement fee-based services;
- 2) During the warranty period, during use due to the following reasons, the equipment will need to be charged for maintenance if the equipment fails:
 - a). Damage and deformation of body parts caused by external forces;
 - b). Dust accumulation, body corrosion, mold, biological damage and liquid soaking caused by the harsh environment of use and storage;
 - c). The melted material caused by improper use adheres to the mechanical parts;
 - d). Used to seal non sealable materials other than the sealable materials listed in this operation and maintenance manual;
 - e). Use a power source without reliable grounding;
 - f). The grid voltage exceeds the specified range of the equipment;
 - g). Irresistible natural disasters;
 - h). Replacement of non our company original parts with self-produced

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parts;

- i). Not used correctly in accordance with this "Operation and Maintenance Manual";
- j). Non-authorized personnel of our company disassemble, modify and repair the equipment privately;
- k). It cannot be proved that the equipment is within the warranty period and cannot be proved to be our product.

2. Maintenance procedures:

When you need our company or authorized agents to provide maintenance services, please follow the steps below:

- a) Contact our sales department or authorized agents, report the equipment factory number and service number on the label on the right side of the equipment, our company will find the detailed production

Note: The user must provide the factory number and service number of the equipment, otherwise the repair service will not be accepted

and maintenance files of the equipment based on the information you provide;



- b) Provide provable date of purchase;
- c) Explain the failure phenomenon to relevant personnel in detail;
- d) Provide contact person, address, phone number and other information;
- e) If the entire equipment needs to be returned to the factory for repair, the user can send it to our company through Debon Logistics or other logistics companies designated by the manufacturer, and the user must bear the freight outside the warranty period.

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Intellectual property

Our company owns the copyright of this non-publicly published Sealing Machine operation and maintenance manual, and has the right to treat it as confidential information. This manual is only used as a reference material for the operation, maintenance and repair of the company's products after purchasing the equipment.

This manual and all intellectual property rights (including copyrights) belong to our company. Without prior written permission, no one may use, disclose or allow others to obtain all or part of the information in this manual by any means. Without our prior written permission With permission, no one may take photos, copy, copy or translate all or part of this manual into other languages.

Our company has the final right to interpret this manual;

Our company reserves the right to modify the contents of the manual without prior notice;

Our company reserves the right to adjust the technical parameters of the equipment without prior notice.

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Appendix

Annex1: Wiring diagram

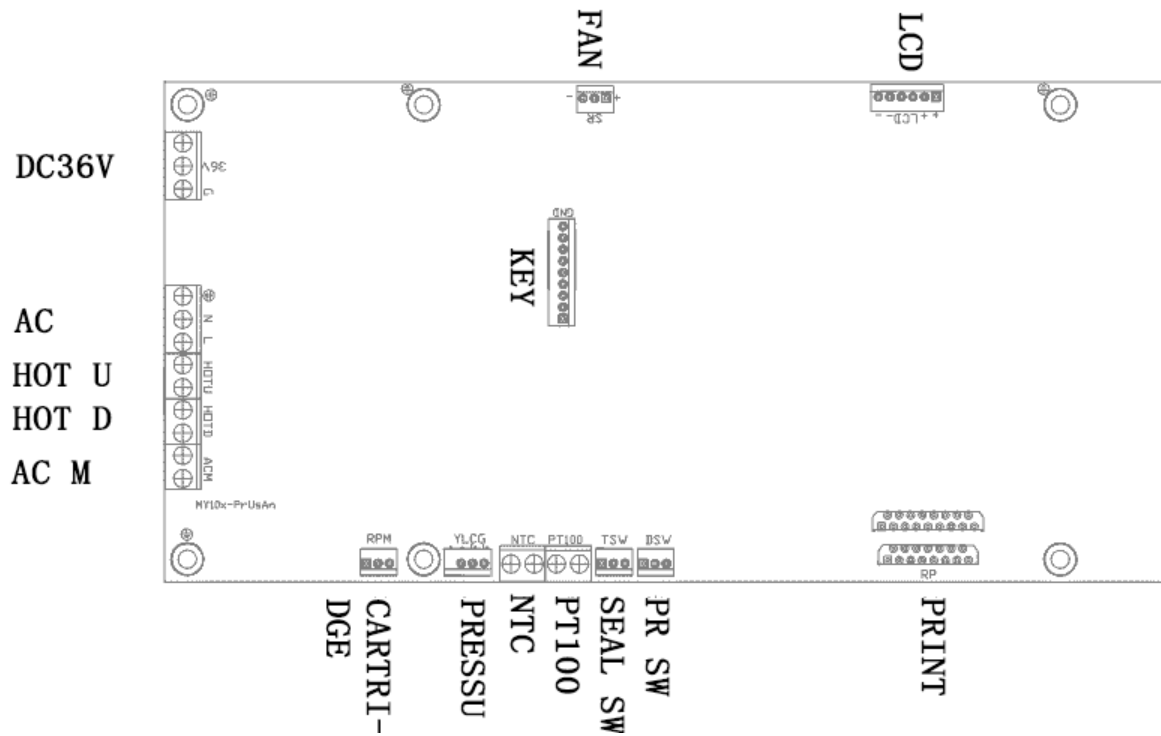
Annex2: Packing List

Annex3: Operating procedures: The accessory has been plastic-sealed and placed in the accessory bag. Please use double-sided tape to paste it on the left side of the device display or place it near the Sealing Machine when using it.

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Annex1: Wiring diagram

Main control board



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Annex2: Packing List

No	Name	Specification model	Quantity	Remarks
1	Sealing Machine	MY100-K2MD	1	
2	Power Cable	220V 50HZ	1	
3	Guide Plate		1	
4	Ribbon	319	1	
5	Operation and Maintenance Manual	MY100-K2MD	1	
6	Certificate of Conformity		1	
7	Operating Procedures	Plastic Package	1	