
Smart Ice Blue Skin Management System

Product description



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Chapter 1 Product Description

1.1 Product overview

The intelligent ice blue skin management system (hereinafter referred to as "this product ") is to collect facial skin detail images through 10 million pixel high-definition micro-range camera combined with three-spectral imaging technology, through intelligent diagnosis and analysis of artificial intelligence core engine ,8 dimension fine items to detect skin problems, and according to the diagnosis results of private customized beauty care program and intelligent recommendation of professional skin care products; Combined with the techniques of" ultrasonic shovel knife "," bubble "," nano atomization "," ultrasonic wave "," gold radio frequency "," ice repair "and so on, the six high configuration beauty functions comprehensively manage the skin, combine the results of AI skin diagnosis with skin care products and other skin care items, and develop a multi-functional integrated equipment for skin detection and management.

1.2 Product characteristics

1) multi-function integration: this product sets skin detection, custom beauty program, product push; basic beauty care, cuticle cleaning, deep cleaning, deep hydration and nourishing, anti-aging maintenance, sedation and repair functions in one one machine multi-energy, market demand is large.

High 2) comfort: the handle appearance design conforms to the human body engineering mechanics principle, the material skin friendly feeling is strong, the body feeling is comfortable.

3) function principle: the core principle of this product is 3 spectrum sampling, AI intelligent skin measurement, push of intelligent products, customization of AI beauty scheme; six nursing functions : " ultrasonic shovel knife "," atmospheric bubble "," nano atomization "," ultrasonic "," gold radio frequency "," ice repair ".

Simple 4) operation: AI intelligent analysis, convenient operation, easy to use, no surgery, no broken skin, strong safety.

1.3 Technical parameters

Vacuum range	700 mmHg
Output control	Touch screen & handle switch
Gold RF	Rapid response multipole (energy level 10 regulation)
Electrophoresis	1MHZ (energy 1 level 0)
Ultrasonic ultrasound	1MHZ (energy 1 level 0)
Frozen head	Water cooling & air cooling (energy level 10 regulation)
High-frequency scalpel	25KHZ (energy level 10 regulation)
Ion Shotgun	mmHg 2000
Interface	10.1 inch computer touch screen
Input voltage	110-240 V 50-60HZ 150AV

1.4 Contraindications

Do not operate on damaged skin, skin allergy acute phase, skin wound customers do not recommend operation, will cause skin tingling.

Infectious skin problems can not be done, easy to increase the skin irritation.

Patients with heart disease, epilepsy, tumor do not do small bubbles, there are potential hazards.

After filling, plastic minimally invasive surgery can not be done, may affect the filling.

People with metal stents in their bodies can not do it, which may affect the therapeutic effect.

For the safety of mother and baby, pregnant women are not recommended to do.

People with hormone dermatitis do it carefully to avoid irritation.

Chapter II Installation of Instruments

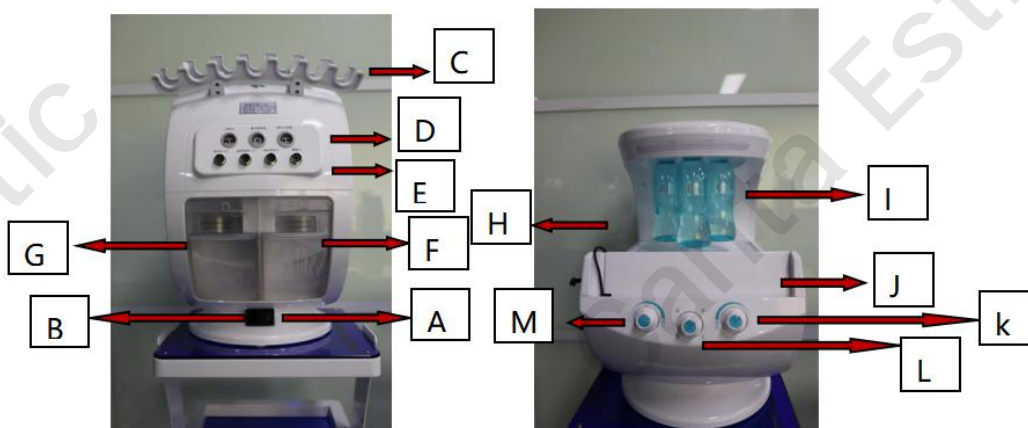
2.1 Introduction of annexes

- 1) Smart Ice Blue Host (1)
- 2) power cord (1)
- 3) hand-held connectors (1 set of 6),
- 4) Handgear:
 - x1 of ultramicro small bubble
 - Hand x1 of Ultrasonic Scraper
 - x1 of nano-atomization spray hand
 - Gold RF x1
 - Frozen Hand Repair x1
 - x1 of Ultrasonic Import Handpiece
- 5) 1 solution bottle ABC(each)
- 6) D(1 solution bottles)
- 7) Sewage bottles (1)
- 8) Solution (optional)
- 9) Hand support (1)
- 10) Instructions for Use (including warranty card)(1 copy)
- 11) Passes (1)
- 12) Packing list (1)

If it is found that the accessories are not complete, please contact the supplier or company within 24 hours after receiving the goods.

2.2 Instrument Component Name and Function

2.2.1 Instrument Accessories Name and Function



A power key: power switch button, press can switch the instrument.

B power plug: for connecting power cord.

C hand tool holder card slot: for fixing the hand tool.

D hand tool connection hole: hand tool for connecting ice head, ion spray gun pen, ion bubble pen.

E hand tool connection hole: hand tool for connecting high frequency shovel leather knife, ultrasonic waveguide inlet, gold radio frequency head, camera.

F sewage bottle: used to store waste sewage after cleaning skin.

G D solution bottle: for storing functional solution for skin care.

H screen power cord: a power cord used to connect the operation screen and charge it for the operation screen.

I ABC solution bottle: for storing functional solution for skin care.

J screen card slot: used to place the operation screen and connect the operation screen.

K Control Water Flow Control Button: The left and right rotation controls the size of the solution flow of the hand tool (commonly used as ion bubble pen and ion spray gun pen)

L solution bottle selection rotary button: left and right rotation according to the functional division of the selection solution bottle for the transport of functional solutions.

M air pressure adjusting knob: the left and right rotation adjusts the air pressure of the hand tool (commonly used as ion bubble pen and ion spray gun pen)

2.3 Installation of instruments

2.3.1 Hand Mounting

Installation of 1) Ice Head, Ion Shotgun Pen, Ion Bubble Pen

First find the corresponding hand connector and the corresponding plug, the plug open words position on the left side of the connecting hole clasp position, push inward, until the buckle can be tight.

Step 1:



Step 2:



Step 3:



Installation of 2) high-frequency spatula, ultrasonic waveguide head, gold radio head, camera
First find the corresponding hand gear connection line and the corresponding plug, the plug groove position is aligned to the left clasp position of the connecting hole, push hard inward, and then tighten the nut counterclockwise after fastening.

Step 1:

Step 2:

The groove of the corresponding handpiece corresponds to the buckle. Push hard after alignment position, tighten nut.



2) corresponding connecting holes for each hand probe



2.3.2 fitting installation

1) ABC solution bottle installation



ABC solution bottle is placed functional skin care solution according to demand and tightened counterclockwise according to the order of A, B, C from left to right; remove the solution bottle and unscrew it clockwise.

2) Add water to instruments

Step 1: Remove the D solution bottle and sewage bottle at the rear of the instrument and see the water inlet on the left and the overflow outlet on the right



Step 2: Put the water injection pipe into the funnel and connect to the water inlet; connect the overflow pipe to the overflow port

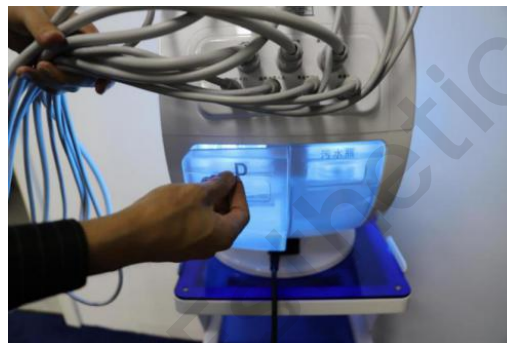


Step 3: Add the purified water (which must be pure water) to the water outlet. After the water is filled, it flows out from the overflow port. Add water to complete



3) D solution bottles installed and removed

Disassembly: Tighten the groove of the solution bottle by hand, pull back forcefully to complete the disassembly.

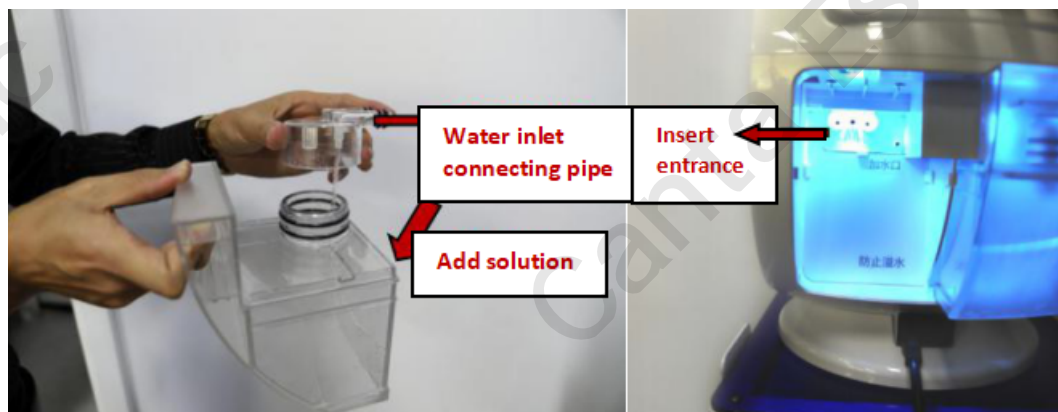


Installation:

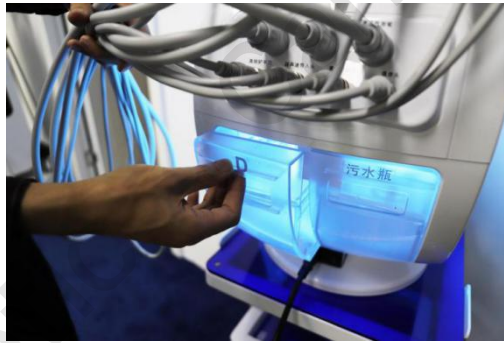
1. pull the solution bottle cap up, add the corresponding functional solution, and close the cap down.
2. align the two raised positions of the cap (water mouth connecting pipe) to the two small holes of the water mouth, push inward to complete the installation.

Step 1: Pull up the cap and add the solution and close the cap down

Step 2: Align the solution bottle connector to the insertion port



Step 3: Push inward to complete installation



4) sewage bottles removed and installed

Removing: Tighten the groove of the dirty water bottle by hand, pull back hard to complete the disassembly. (same as removal of D solution bottles)

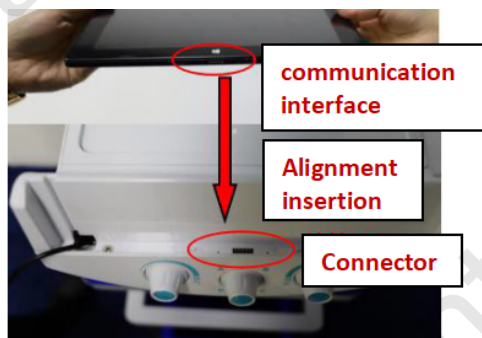
Installation :(Same as D solution bottle installation steps)

1. pull the cap of the sewage bottle up, add the corresponding functional solution, and close the cap down.
2. align the two raised positions of the cap (water inlet connecting pipe) to the two small holes of the water inlet, push inward to complete the installation.



5) operation screen installation

1. align the communication interface below the operating screen with the connection port at the slot position of the operating screen



3. Insert the power connector into the connection port

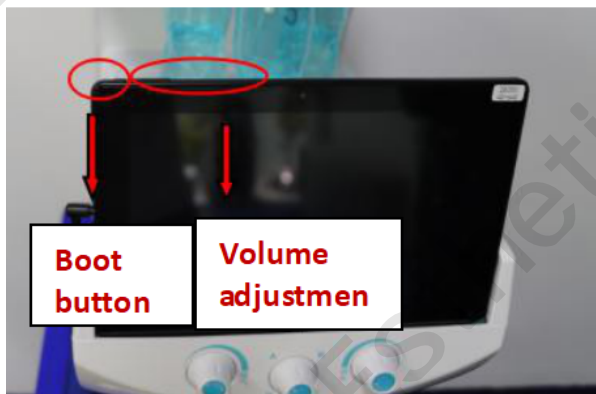


Chapter III Instructions for the Use of Instruments

3.1 Description of mainframe and accessories

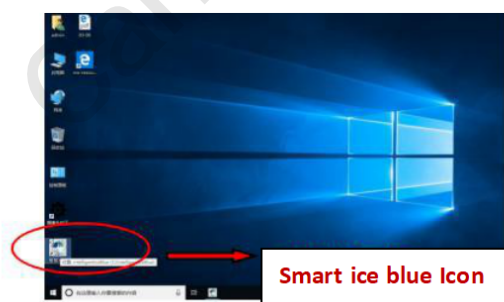
1. Boot Operation

Long press the boot button to enter the main interface



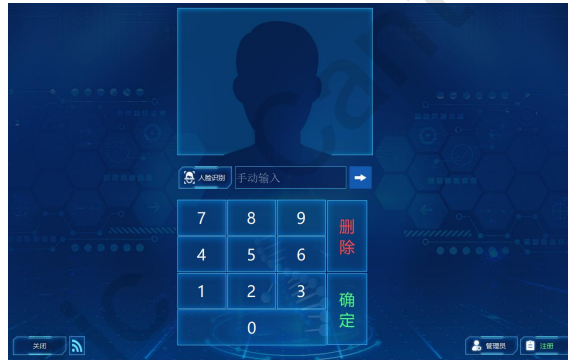
3.2 Description of interface operations

1) enter the interface, double-click the "Smart Ice Blue" icon to enter the instrument control interface



4) Login Interface - Enter Identity Information, Enter Password/face Recognition Login

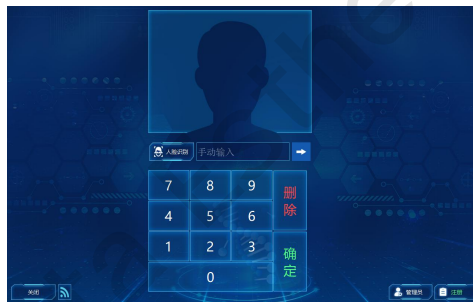
Step 1: Go to the login page and click Register



Step 2: Input personal information, input face recognition image, click OK



Step 3: Return the login interface to enter password login or login with face recognition.



3) membership management

Enter the administrator page to view background membership management, machine management, password management and product management.

Click on the product management page to self-help add recommended skin care products.

序号	登记日期	姓名	性别	联系电话	地址
1	2019-12-26	SHZ	男	13712981238	
2	2019-12-31	任刚	男	15881983549	
3	2019-12-31	小魏	男	18715807999	
4	2020-1-2	程浩	男	15919052418	
5	2020-1-3	于文	男	13128932388	
6	2020-1-9	卓越	女	15521010224	
7	2020-1-9	张耀辉王	男	18910743762	
8	2020-1-9	丁	男	18124247337	
9	2020-1-10	张王	男	18910743793	
10	2020-1-10	张王1	男	18910743799	

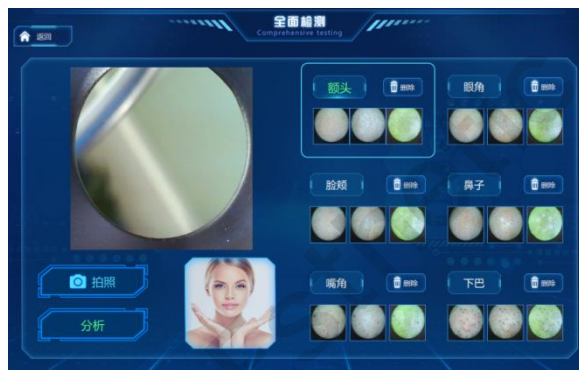
4) Home Interface Operation



1、 Full testing - skin testing

Click on the full test to enter the skin detection interface

Using the skin detection probe (camera), sample the "forehead, corner of the eye, cheek, nose, corner of the mouth, chin" in order of the comprehensive detection interface, and click the "analysis" button after sampling.



2. comprehensive analysis interface



comprehensive analysis interface: view comprehensive skin analysis and view comprehensive skin care recommendations.

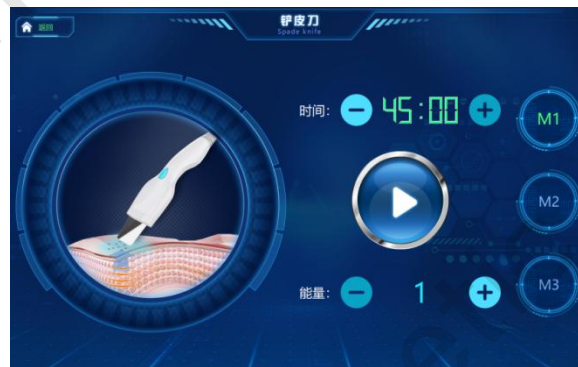
Fine item analysis: click on "wrinkles, pores, spots, roughness, oil points, moisture, acne, sensitivity" and other items can browse local skin fine analysis, enlarge photos to view details.

Example :(The following items are for example only, not all details are listed)

Acne Detail Analysis Report - Preview of Amplification of Acne



A、 high frequency shovel knife (remove dead skin, clean skin)



Duration: The general default time is 15 minutes/times, can be adjusted according to the needs of care; press "+" to adjust the time (increase time),

Press "-" to adjust the time downward (shorten the time).

(b) Mode: M1 : continuous high frequency vibration mode (highest vibration frequency, strongest cleaning force);

M2: high frequency vibration mode (moderate vibration frequency, high comfort)

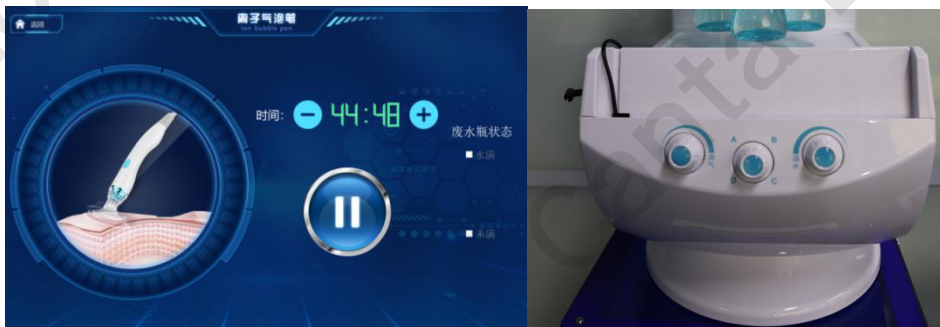
M3 : intermittent high frequency vibration mode (vibration with intermittent, massage feeling, high comfort)

Energy: The energy parameter is 1-10, which can be adjusted according to demand; press "+" to adjust energy upward (increase energy),

Press "-" to adjust the energy down (reduce the energy). (Specific parameters depending on the need for care).

After adjusting the energy parameters, click the start button to do the operation.

B、 ion bubble pen (deep cleaning pores dirt)



Duration: The general default time is 15 minutes/times, can be adjusted according to the needs of care; press "+" to adjust the time (increase time),

Press "-" to adjust the time downward (shorten the time).

Adjust the air rotation button (Fig .2, left 1): rotate the air pressure to the right to increase, turn the air pressure to the left to become smaller. (depending on care needs)

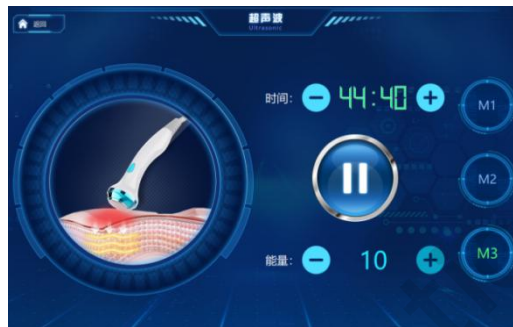
solution bottle selection button (middle of figure 2): select the corresponding solution bottle according to the nursing needs, and rotate the rotary button to the corresponding position. (Select the solution A bottle and rotate the button to the letter A, so push).

water transfer rotation button (figure 2 right 1): the flow of the solution to the left is increased and the flow of the solution to the right is reduced. (depending on care needs)

Waste water bottle status: show full need to replace waste water bottle, not full need.

After adjusting the parameters, click the start button to operate.

C. ultrasonic waveguide head (high frequency introduction, fast absorption)



Duration: The general default time is 15 minutes/times, can be adjusted according to the needs of care; press "+" to adjust the time (increase time),

Press "-" to adjust the time downward (shorten the time).

Mode: M1: continuous high frequency vibration mode (the highest vibration frequency, the strongest import force);

M2: intermittent high frequency vibration mode (vibration with intermittent, massage feeling, high comfort)

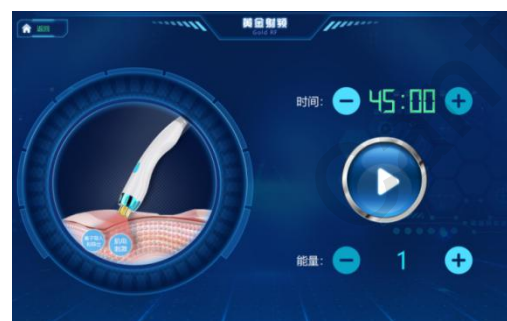
M3: low frequency vibration mode (moderate vibration frequency, high comfort)

Energy: The energy parameter is 1-10, which can be adjusted according to demand; press "+" to adjust energy upward (increase energy),

Press "-" to adjust the energy downward (reduce the energy), the higher the energy, the higher the temperature. (Specific parameters depending on the need for care).

After adjusting the energy parameters, click the start button to do the operation.

D. gold RF head (light grain tight, collagen regeneration)



Duration: The general default time is 15 minutes/times, can be adjusted according to the needs of

care; press "+" to adjust the time (increase time),

Press "-" to adjust the time downward (shorten the time).

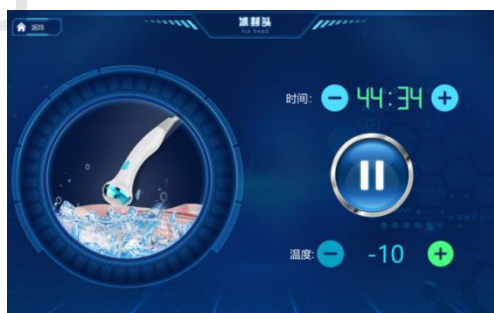
Energy: The energy parameter is 1-10, which can be adjusted according to demand; press "+" to adjust energy upward (increase energy),

Press "-" to adjust the energy downward (reduce the energy), the higher the energy, the higher the temperature. (Specific parameters depending on the need for care).

After adjusting the energy parameters, click the start button to do the operation.

E、 ice-sealed refrigeration head (replenish water and lock water, relieve repair; heat import, lymphatic detoxification)

Ice restoration pattern:



Duration: The general default time is 15 minutes/times, can be adjusted according to the needs of care; press "+" to adjust the time (increase time),

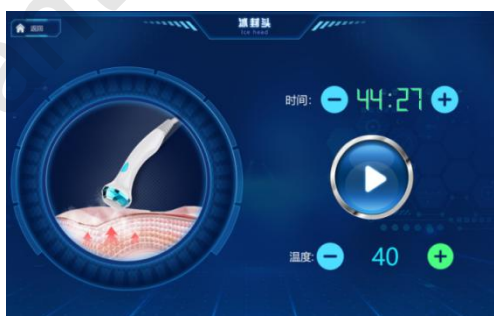
Press "-" to adjust the time downward (shorten the time).

Temperature: Temperature parameters of -1°C-10°C, can be adjusted according to demand; press "+" to adjust the temperature upward (increase temperature),

Press "-" to adjust the temperature down (reduce the temperature). (Specific parameters depending on the need for care).

After adjusting the temperature parameters, click the start button to operate.

Thermal detoxification mode:



Duration: The general default time is 15 minutes/times, can be adjusted according to the needs of care; press "+" to adjust the time (increase time),

Press "-" to adjust the time downward (shorten the time).

Temperature: The temperature parameter is 40°C-50°C, which can be adjusted according to demand; Adjust temperature (raise temperature) up by +,

Press "-" to adjust the temperature down (reduce the temperature). (Specific parameters depending on the need for care).

After adjusting the temperature parameters, click the start button to operate.

F. ion shot gun



Duration: The general default time is 15 minutes/times, can be adjusted according to the needs of care; press "+" to adjust the time (increase time),

Press "-" to adjust the time downward (shorten the time).

Adjust the air rotation button (Fig .2, left 1): rotate the air pressure to the right to increase, turn the air pressure to the left to become smaller. (depending on care needs)

solution bottle selection button (middle of figure 2): select the corresponding solution bottle according to the nursing needs, and rotate the rotary button to the corresponding position. (Select the solution A bottle and rotate the button to the letter A, so push).

water transfer rotation button (figure 2 right 1): the flow of the solution to the left is increased and the flow of the solution to the right is reduced. (depending on care needs)

After adjusting the parameters, click the start button to operate.

8) Help Page



Operation video: can view wisdom ice blue instrument operation teaching video.

Product display: View all skin care products uploaded and their details.

System upgrade: You can see if you have a new version and upgrade the system yourself.

After sale help: contact the manufacturer and seek after sale problem help.

9) shutdown

Click Exit - Exit System, Back to Desktop

Click on the lower left corner "start" button, click on the shutdown, you can close the operation screen.



3.3 Operational process description

1. skin sampling - skin detection analysis - skin care recommendation - product recommendation.
2. care order: high frequency shovel leather knife - ion bubble pen (with product)- ultrasonic waveguide inlet (with product)- gold radio frequency head (with product)- ice-sealed refrigeration head - ion spray gun pen (with product).

3.4 End of instrument operation

1. press [shutdown key] to turn off the operation screen; press [power key] to turn off the power.
2. unplug the power line from the power outlet (no power on all the time).
4. clean the probe with 75% alcohol cotton and place the handpiece on the handpiece bracket.
4. put the instrument and related accessories in a safe place that children should not touch.

Chapter IV Safety Instructions and Maintenance

4.1 Summary

To maintain the performance of the instrument, including cleaning and storage methods of self-diagnosis and error code information instructions.

4.2 Cleaning

Gently wipe the instrument and probe clean with a towel, clean the probe with 75% alcohol when not in use.

Change the waste water bottle solution and solution bottle solution regularly.

4.3 Custody

Keep the product for a long time after cutting off the power supply to avoid the humidity of the place to keep.

4.4 Pre-failure Confirmation

Issues	Estimated causes	Confirmation
Power supply abnormal	Adapter contact poor	Make sure the adapter is connected
Instrument start abnormal	Bad hand/camera condition	Contact Agent/Service Centre to replace hand or camera
	Poor actuator condition	Contact Sales Agent / Service Centre
Outlet/jet anomalies	Water pipe/pipe blockage	Contact Sales Agent / Service Centre
Abnormal computer	System software issues	Contact Sales Agent / Service Centre

Chapter V Warranty Service

5.1 Free warranty

- 1) failure occurred during normal use within 1 year of the purchase of the product can be accepted free of charge.
- 2) free warranty is only applicable to the instrument body.

5.2 Matters other than warranty during the period of free warranty

Unreimbursable services are not available without complying with the instrument start-up steps and safety and management matters specified in this manual. Please focus on the following:

- 1) pulling the adapter causes the instrument to move and cause damage is excluded from the free warranty period.
- 2) users use instruments or modifications for other purposes, they are excluded from the free warranty period upon dissolution.

5.3 Paid warranty

- 1) one year after the purchase of the instrument, a paid warranty is implemented, even if the instrument damage caused by consumer negligence or other natural disasters (fire, salt damage, flood, shock, earthquake, lightning strike, etc.) is carried out within the warranty period.
- 2) Paid Guarantees are as follows:
- 3) due to consumer unauthorized decomposition of the instrument modification or because of the use of inattention (water, breakage, etc.) caused by the instrument damage.

Note that in order to accept the paid warranty, it must be carried out under the qualified service personnel, the instrument is beyond the original use and is not used outside the scope of the compensatory warranty in accordance with this manual guide, so it must be familiar with the manual.

Smart Ice Blue Skin Management System

Product warranty

Type	ZK-AR-01	Product Number	
Product Name			
Date of purchase			
Company Name			
Mailing Address			
Name			
Duration of warranty	2 year		

Attention

This certificate must be provided for free maintenance.

* The manufacturer provides maintenance services free of charge during the maintenance period in case of failure under the normal use of consumers.

The manufacturer shall have the right not to charge for repairs and related spare parts in case of failure caused by failure of the original power supply, improper use of the operator, arbitrary disassembly of the instrument, etc., and self-disassembly repair and modification of the internal structure during the maintenance period.

* The product guarantee will not be provided for the second time, please keep it properly.