

# User Manual

AS164



## Preface

First of all, we would like to express sincere thanks to our customers who buy our products. This user manual is written for the better use of this device by the customers. We hope our products and services bring you reverence and courteous reception.

## Notes

This product must be used in strictly accordance with the usage stated in this manual. Any consequences caused by the misuse or abuse of the usage specified in the manual shall be borne by the person, and our company shall not be liable for it.

Our company makes no warranty of any forms, including but not limited to implied warranty of merchantability and suitability for a specific purpose. Our Company shall not be liable for errors contained in this manual, or for any direct damage or indirect damage caused by providing this manual, or by actual performance and use of this manual.

This manual contains proprietary information that protected by patent law. All rights reserved. No part of this manual shall be photographed, copied, or translated into other languages without the written consent of our company.

The content contained in this manual can be modified without notice to the users.

## Manufacturer's Liability

Only under the following circumstances does our company consider itself shall be responsible for the performance of safety and reliability of the instrument, namely, assembly, readjustment and repair are all conducted by personnel approved by the company, and the relevant electrical equipment complies with national standards, and the device is operated in accordance with the instructions.

 Warning:

This is a sort of beauty machine.

If the beauty institutions in charge of using this device can't achieve a satisfactory operation scheme, then it will invalidate the device, and probably will endanger people's health. Nowadays, our company will offer circuit diagrams when customers make request and payment. In addition, calibration methods and other information will be listed and explained so as to help the customers have the parts of the device, which the company classifies as repairable by the customer, repaired by proper and qualified technicians.

## Warranty

Manufacturing process and raw materials: our company guarantees that the device (not include the parts), under the circumstance of frequently use and repair, is free from faults of production process and raw material within one year from the date of shipment. The inspections conducted by the company are not all perfect.

## About This Manual






This manual contains all general information about the device. This is the starting point for new users to use this device because it gives a general introduction about the system, explains how it works, introduces the installation and various operation methods of this device. The required information can be acquired through Table of Contents.

This manual is for people who are familiar with the relevant beauty knowledge of this device and for people with experience in operating beauty machine.

## Please Use It Safely

Below are the symbols used in the device and user manual. To use the device correctly, and to prevent operators and patients from injury, and to protect the device from

damage so as to avoid property loss, please pay attention to the following types of symbol and its meanings.

 Warning:	It means the operational errors may cause death or serious injury.	●	This symbol means mandatory items.
 Danger:	It means the operational errors may cause death or serious injury.		This symbol means prohibited items.
 Attention:	It means the operational errors may cause person injury or device failure.		This symbol means items that need to be noticed.
Attention:	Please look up the manual.		It means the protection type of the device is Type B.
Pay Attention & Keep in Mind	It calls for attention and stresses important information.		

## 1. Precautions for Use

### 1.1 Precautions for Operation Place

#### Warning:

- 1) To avoid causing fire accident please do not use multiplied socket.
- 2) To avoid causing fire accident and electric shock the power switch must be turned off when replacing the fuse.
- 3) Power supply with 220V±22V and 50HZ±1HZ and socket with effective ground connection must be used.
- 4) There is a risk of fire accident and electric shock if damaged or processed power cord is used.
- 5) To avoid electric shock and fire accident do not overbend or twirl the power cord.

- 6) If some part of the device is loose, falling or damaged, please contact us timely.
- 7) Do not use this device in an unstable environment, such as place with tilt, vibration or strike.
- 8) No water or sundries can be inside the device. In case there is sundry inside the device, please contact us timely.
  - 9) Power cord must be unplugged when moving the device.
  - 10) Vibration should be avoided as much as possible when moving the device.
  - 11) The device should be placed in a stable place and with a space of at least 5cm around reserved so as to ensure air circulation and facilitate heat dissipation of the device.
  - 12) Do not cover anything on the device in case the vent is blocked.
  - 13) Avoid using this device in the following environments, namely, places exposed to sunlight, high humidity environment, near water environment, vibrated and slant places, strong magnetic field, places that have electromagnetic wave and impulse voltage, storage sites for chemicals, places with corrosive gases, and etc.
  - 14) This device shall not be used in places that near from radio, TV, duplicator, fax machine, and etc.
  - 15) To avoid mutual interference and misoperation, please don't use it simultaneously with other devices (such as microwaves).

## 1.2 Precautions before Operation

### Warning:

- 1) Before turning on the device, the operator must read the manual carefully. The operator must know very well about the manual and operation methods. The device must be managed by specially-assigned person.
- 2) Please set the operation parameters under the guidance of professionals.

### Attention:

- 3) Check whether the device is in normal condition before use.
- 4) Check whether the ground wire is correctly connected.
- 5) Check whether all the wires are correctly connected and safe.

6) When use the devices simultaneously, they must be used correctly, otherwise there may be danger. A great attention must be paid to this aspect.

### 1.3 Precautions during Operation

 Warning:

- 1) If abnormal conditions occur during the operation, the operator should immediately take the handle away from the patient, and press the stop switch to turn off the device.

 Attention:

- 2) During the operation of the device, the operator should constantly observe the condition of the customer and the device, and keep an eyes on any abnormal conditions at any time.
- 3) The device shall be used correctly by a skilled operator. Personnel other than the operator shall not use the device.

### 1.4 Precautions after Operation

 Attention:

- 1) After the operation, the handles should be put back into the handle rack.
- 2) After the handles have been used, they should be cleaned for future use.

### 1.5 Precautions for Malfunction, Safekeep and Inspection

 Warning:

- 1) If abnormal conditions occur, please do not use the device. In case there is smoke and burned taste, and the device cannot be operated and if it's continue to be used, then there is a risk of electric shock or fire accident. Please press the stop button instantly, turn off the power switch, unplug the power plug, and contact our company or agent immediately.

- 2) Personnel other than technical personnel, must not repair or refit the device. The inside parts of the device must not be opened.

 Attention:

- 3) The device and its components must be inspected regularly.
- 4) Do not use damaged tools, such as brush, on the protective level of the device.
- 5) If the device has not been used for over 2 weeks, then it must be checked carefully before it is used again.

## 1.6 Warnings and Indicative Notes

 Warning:

When connecting high-frequency equipment and this device to the same patient simultaneously, the electrode of this device may cause burns to the skin tissue, and may also cause damage to the device. When using this device near a short wave or microwave device (1M), the device's output may become unstable due to microwave interference. Using the electrodes near from the chest may increase the risk of cardiac fibrillation.

## 2. Contraindications

2.1 People with sensitive skin and serious acne.

2.2 People with pacemaker, implanted defibrillator or other implanted medical electromagnetic devices.

2.3 People with severe diabetes, hypertension or hyperlipidemia.

2.4 People with skin infectious disease.

## 3. Brief Introduction about the Device







- 1 Cold Jack
- 2 RF Jack
- 3 Spray Jack



- 1 Abrasion Jack
- 2 Ultrasound Jack
- 3 Scrubber Jack



- 1 Flow Adjust
- 2 Mode Choose (A/B/C/D(H<sub>2</sub>,O<sub>2</sub>)Bottle)
- 3 Vacuum Intensity Adjust
- 4 Disassembly Button
- 5 ABC Cleaning Bottle
- 6 Outlet
- 7 Switch



- 1 Waste Bottle
- 2 H<sub>2</sub>,O<sub>2</sub> Bottle



### **HYDROGEN OXYGEN HYDRATING**

Moisturizing, quickly penetrates the skin and increases skin vitality.



### **ULTRASONIC IMPORT**

10 to 3 million vibration deep penetration and repairing skin bottom.



### **COLD HAMMER WHITENING**

Whitens and rejuvenates skin, shrinks pores, and reduces sensitivity



### **SKIN SCRUBBER**

Remove dead skin, improve excess cuticle, and fine skin.



### **HYDROGEN OXYGEN CLEANING**

Deep cleansing, remove grease, blackhead, acne, dirt, and increase skin elasticity.



### **RF LIFTING**

Stimulates collagen, lifts and tightens skin.



### Red light

Whitening and renewing skin; Improving coarse pores; Treating microvascular dilatation; Relieving acne scars and allergic dermatitis.



### White light

Penetrating deep into the skin; Accelerating the metabolism of the active tissue; Breaking down the color spots; Improving fine wrinkles and skin flabbiness.



### Purple light

Penetrating deep into the skin; Accelerating the metabolism of the active tissue; Breaking down the color spots; Improving fine wrinkles and skin flabbiness.



### Blue light

Dispelling acne; Reducing activity of sebum; eliminating acne bacteria and improving oily skin.



### Cyanine light

It can step-by-step enhance the cell energy, which has the very good promotion function for the metabolism.



### Yellow light

Removing freckles; Improving skin flushing; erythema and pigment replacement; Relieving redness and swelling.



### Green light

Calming skin and relieving postoperative pain.

## 4. Packing List

Main Machine x1

Skin Scrubber x1

Ultrasound Handle x1

RF Handle x1

LED Mask x1

Hydro Dermabrasion Handle x1

Cold Hammer x1

Oxygen Spray Jet x1

Power Cord x1

Fuse x2

Rubber Diamond Tip x3

Transparent Diamond Tip x6

Transparent Spray Bottle x1

Sealing Ring x several

## 5. Installation Instructions



### 5.1 Unpack and Check

5.1.1 Take out the device and parts from the packing case carefully, and store the packing materials for future transportation or preservation, and check the parts according to the packing list.

5.1.2 Check whether there is any mechanical damage.

 Attention:

If there is any problems, please contact our sales department or agent immediately.

5.2 The device should be placed in a clean and ventilated room with a temperature between 5°C and 37°C and a humidity of no more than 80% to avoid direct sunlight. And ensure that vents are not blocked, and that there is at least 5cm of space around the device. Don't put anything on the device. It's also not allowed even it's temporary.

5.3 Insert the parts into its corresponding interface in accordance with the information cue of the text and picture above the output interface on the both sides of device, and then place the parts orderly on the rack.

5.4 Descriptions for components on the back and the side of device



3 Major Adjustment Buttons



ABC Cleaning Bottle



Waste Bottle / H<sub>2</sub>O<sub>2</sub> Bottle



LED Touch Screen



Output Interface

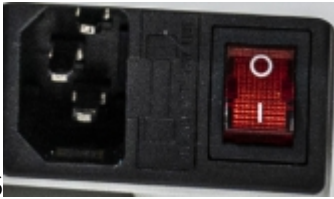


Six Major Probes



5.5 When installing the filters, it must be aimed at the jack and be inserted fully into it. If the filters are already installed then you need to check whether it's tightly inserted

so as to avoid air leakage of the hydro dermabrasion handle and lack of suction caused by loose insert.



5.6 Power switch and power cord connection

**⚠ Attention:**

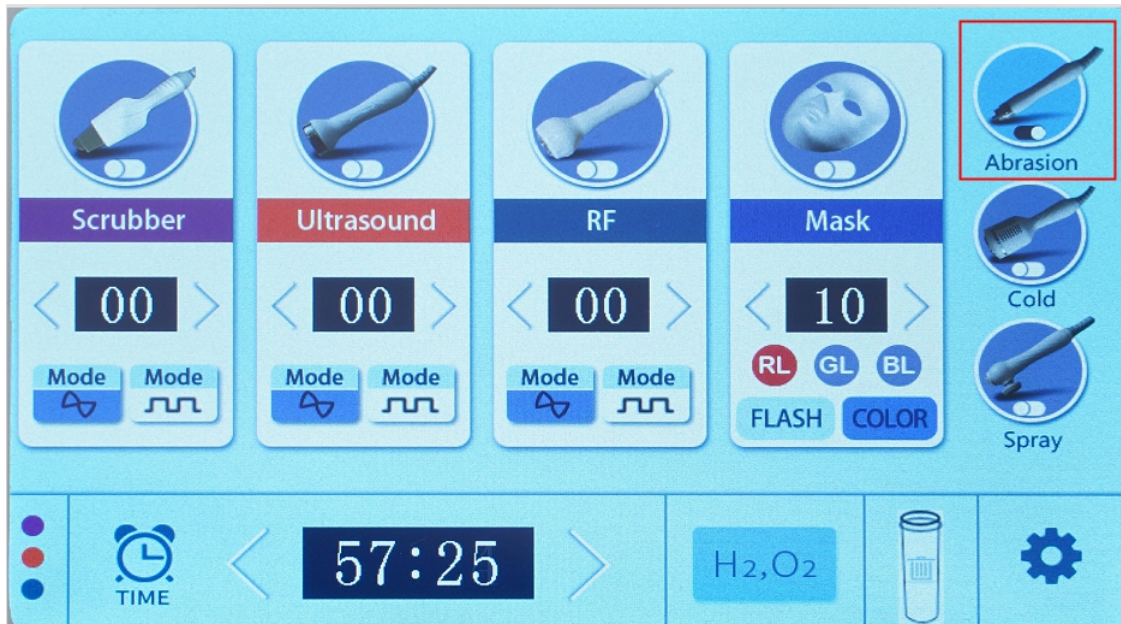
Please dump the liquid in bottle A, B, C, H<sub>2</sub>O<sub>2</sub> and waste liquid bottles before moving the device, otherwise the liquid will flow into the device during moving, which will cause damage to the device!

**⚠ Attention:**

During operation, the device will beep. Observe whether the waste liquid bottle icon on the interface has flash or not. If it flashes, please dump the waste liquid in the waste liquid bottle and reinstall the waste bottle.

## 6. Operation Methods and Steps for Handles

### 6.1 The Usage of Hydro Dermabrasion Handle



6.1.1 Remove the makeup and clean the face.

6.1.2 Select a suitable diamond tip according to the skin. Rotate the knob to Bottle A, B, C that needed to be used.

6.1.3 Press the button within the red frame, and adjust the vacuum suction and water flow. Then clean the whole face (10 minutes).



 Attention:

When using Bottle D ( $H_2O_2$ ), rotate the knob to D, and then tap H<sub>2</sub>O<sub>2</sub> and wait for 3 minutes. Use it after there is enough ( $H_2O_2$ ) in the bottle.

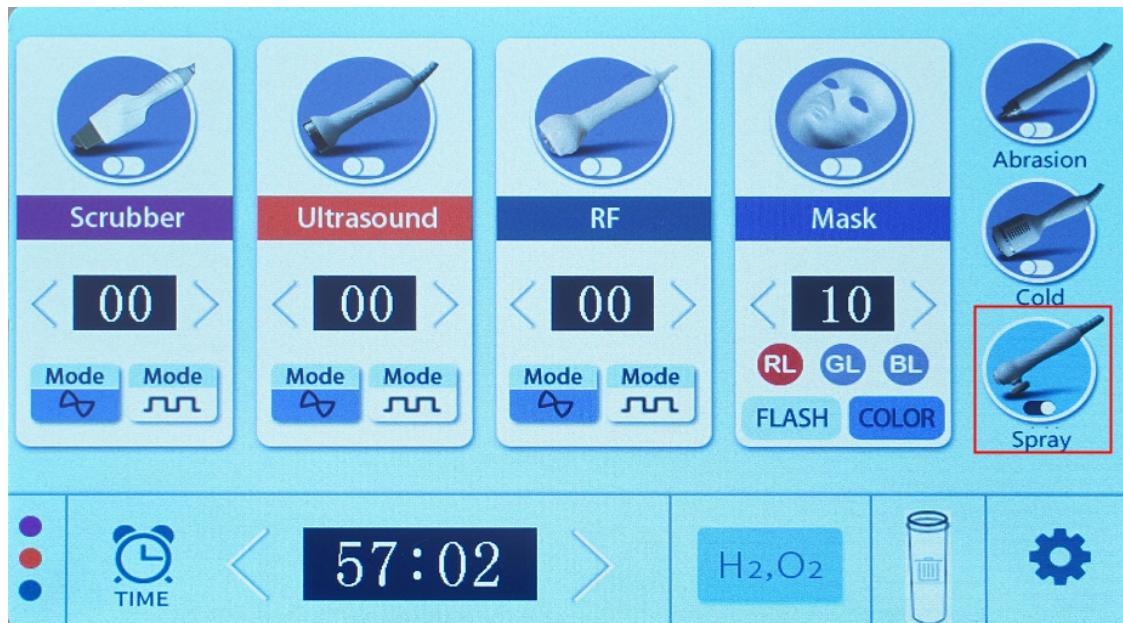
6.1.4 After the whole face was cleaned, rotate the knob to Bottle C to clean the conduit of Hydro Dermabrasion Pen. First, set the water flow and suction to the highest level, and then turn on the device, and use the appendant lid to cover the Hydro Dermabrasion tip, and then the device will clean the conduit automatically.

 Attention:

When liquid in the bottles are used up, warm water must be filled in Bottle A, B, C and D and the bottles must be cleaned as the way of cleaning Hydro Dermabrasion conduit so as to avoid conduit blockage.

## 6.2 The Usage of Oxygen Spray Jet





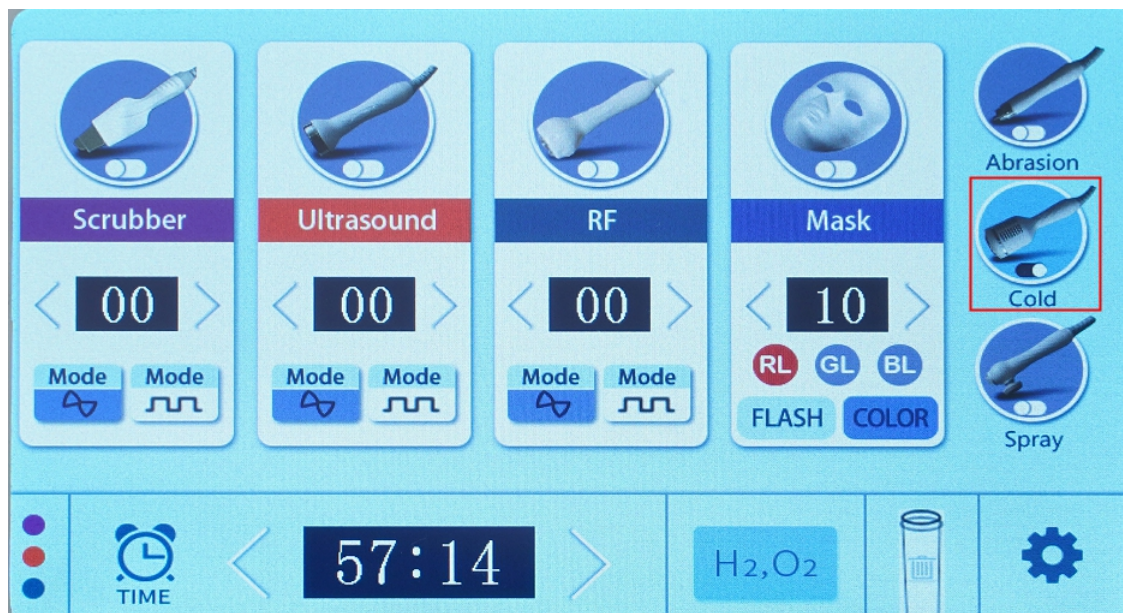
6.2.1 Clean the parts needing treatment.

6.2.2 Pour the diluent essence into the bottle in Oxygen Spray Jet.

6.2.3 Press the Spray icon within the red frame.

6.2.4 Have the Oxygen Spray Jet aimed at the treated parts, and then press the button on the handle to start.

### 6.3 The Usage of Cold Hammer

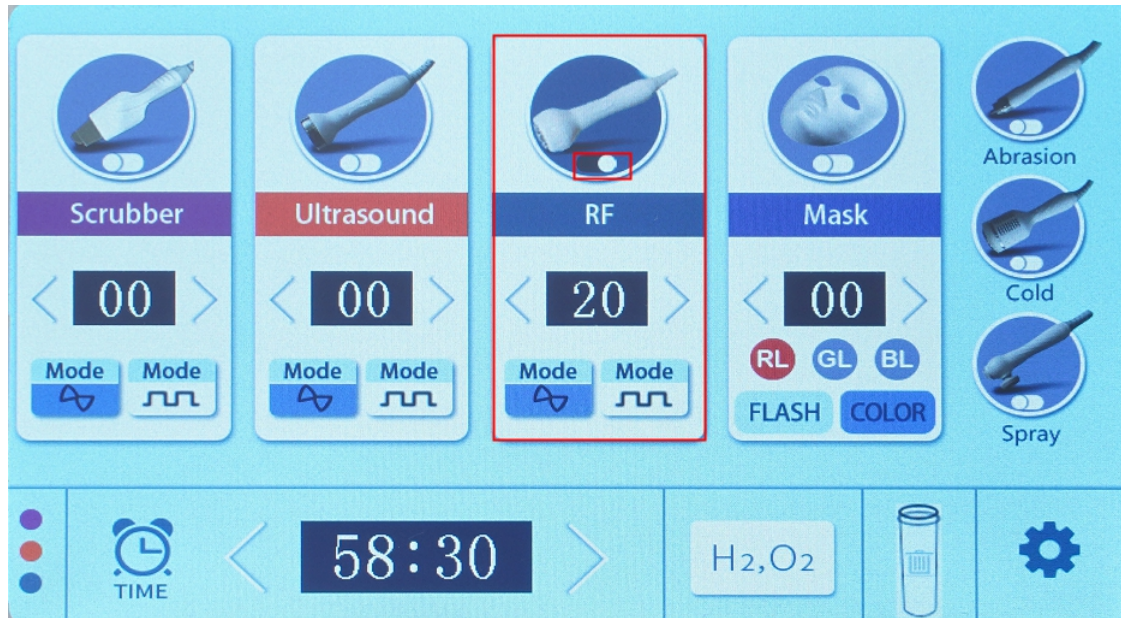


6.3.1 Clean the parts needing treatment.

6.3.2 Apply moderate essence on the face.

6.3.3 Press cold hammer icon within the red frame or the switch on the handle to start.

## 6.4 The Usage of RF Handle



6.4.1 Clean the parts needing treatment.

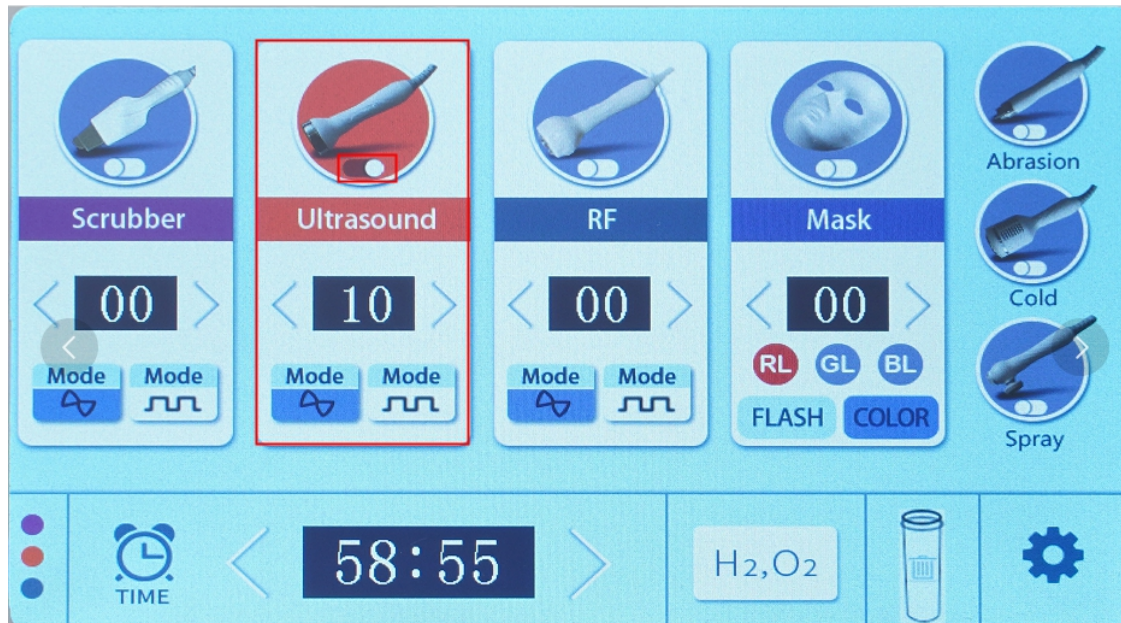
6.4.2 Apply proper gel on the treated parts.

6.4.3 Adjust working time, RF working level and mode.

6.4.4 Have the RF probe closely contacted the skin. Press the RF icon within the red frame or press the start button on the handle to start.

6.4.5 Move circlewise according to the facial lines. Move circlewise from the bottom to the top for detox with the help of customer lifting the neck. Operating time for each part is 10 to 15 minutes.

## 6.5 The Usage of Ultrasound



6.5.1 Clean the parts needing treatment.

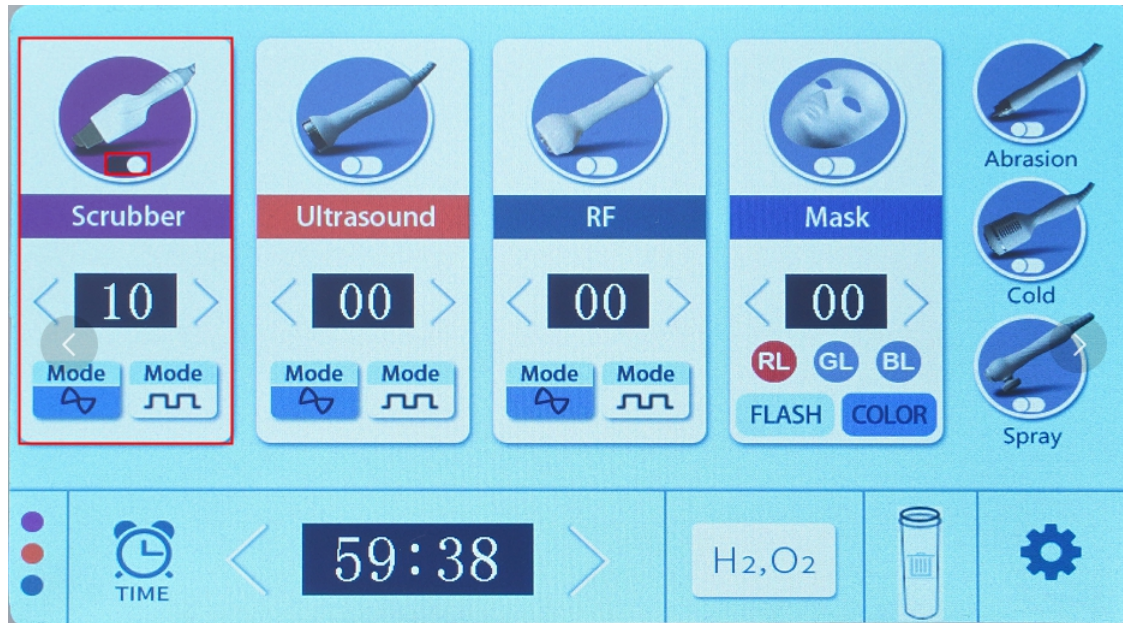
6.5.2 Apply proper essence on the treated parts.

6.5.3 Set working time, working level, and mode of ultrasound.

6.5.4 Have the ultrasound probe closely contacted the treated parts. Press the Ultrasound icon within the red frame, and then press the start button on the handle to start.

6.5.5 Lift slowly in circles along the contour lines of the treated area. Do it for 5 to 8 minutes.

6.6 The Usage of Skin Scrubber

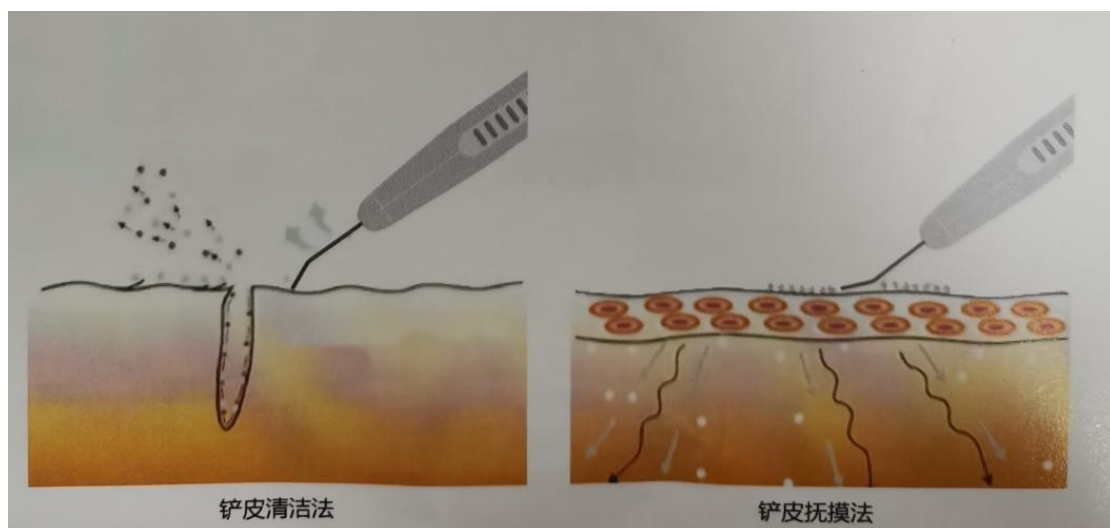


6.6.1 Clean the parts needing treatment.

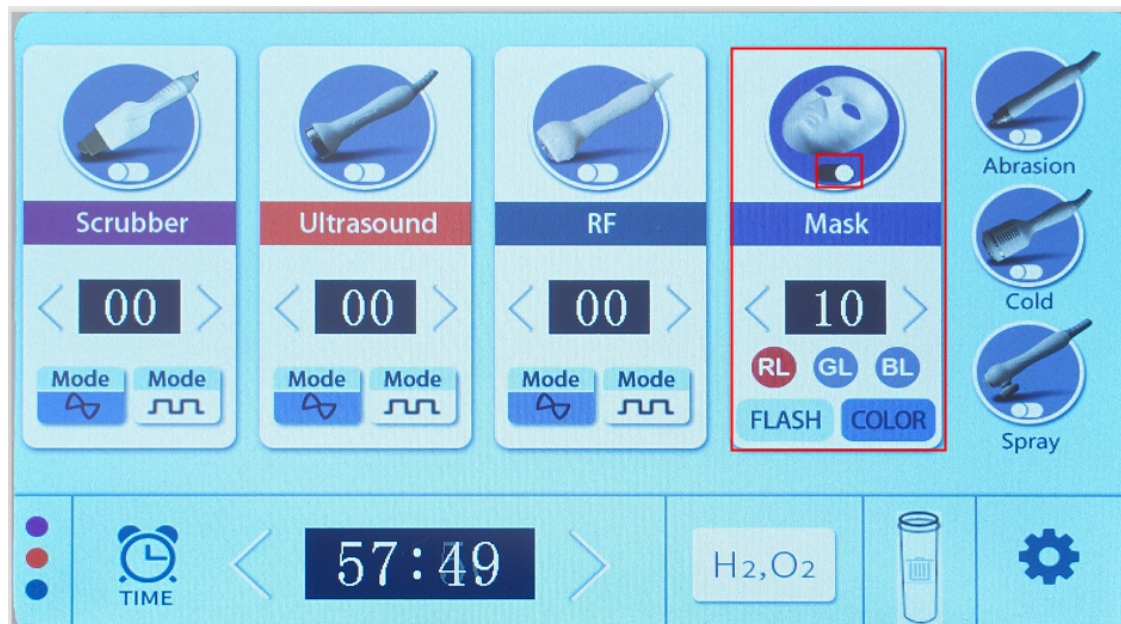
6.6.2 Adjust working level, and select the needed mode, and press the Scrubber icon to start.

6.6.3 Cleansing is the way to remove filth on epidermis.

- 1) Clean the skin with face wash.
- 2) Sterilize the scrubber for back up.
- 3) Apply enough pure water on the skin.
- 4) Tilt the scrubber to the skin with an angle of 45°, and move from the bottom to the top with a moderate speed.
- 5) The operating time is 10 to 20 minutes



## 6.7 The Usage of LED Mask



6.7.1 Clean the whole face.

6.7.2 FLASH: color lights flash; COLOR: color selection; Press FLASH to constantly change the color, and when the color is changed to the one you need then press COLOR to select it.

6.7.3 Energy level setting: the bigger the number is the darker the color and the stronger the energy are.

6.7.4 Set the time to about 20 to 30 minutes.

6.7.5 Wear the mask and fasten it.

6.7.6 Press the Mask icon within the red frame, and press start button to work.

## 7. Notes

 Attention:

7.1 Do not use irritative skin care products or cosmetics within 24 hours after the treatment, and prevent from sunlight.

7.2 Apply hydrating mask for 7 days in a row.

7.3 People with thin skin stratum corneum or serious red blood silk on cheekbone are prohibited to use hydro dermabrasion pen.

7.4 People with thin skin stratum corneum or serious red blood silk on cheekbone shall not treat for too long time when treating cheekbone with RF.

7.5 People with severe allergy or serious acne are not allowed to use it.

 Warning:

If the patient doesn't feel well, you can stop the device from outputting by pressing the manual control to ensure the patient's safety.

## 8. Maintenance & Repair

### 8.1 Maintenance

#### 8.1.1 Daily Check

The managerial staff must inspect the device and components.

- a) Check whether the power socket is reliably connected to the ground.  
If no, please replace the power socket.
- b) Check whether the power cord is deformed or broken. Check it through naked eye.  
Check whether the wire is deformed or deteriorated. If yes, it may cause fire accident due to electric leakage, and please replace it immediately.
- c) Check whether the control handle is normal condition. Check it through naked eye.  
Check whether the output line is deformed or deteriorated. If yes, please replace it immediately.
- d) Please check whether the prompt is correct before using the device. If no, please stop using it.

#### 8.1.2 Cleaning

When cleaning the device, dust must be wiped with a dry, soft cloth, and filth should be wiped with a soft, wet cloth. Turn off the power switch and disconnect the power cord before cleaning the device.

#### 8.1.3 Fuse Replacement

- a) Fuse Specification: 8A (Φ5×20mm)
- b) Please follow the steps below when replacing the fuse:

- 1) Turn off the power switch.
- 2) Take out the power plug.
- 3) Unclench the outer shell of fuse with a screwdriver.
- 4) Take out the broken fuse and replace it with a new one.
- 5) Put the outer shell of fuse back to its original position.
- 6) Insert the power plug.

 **Warning:**

When replacing the fuse, please make sure the power is turned off and plug is taken out to prevent electric shock.

8.1.4 If the inside of the device has not been cleaned for a long time (more than one year), it should be done by professional personnel.

8.1.5 When the device is not in use, it should be placed in a ventilated and dry place. A dust cover should be covered on the device.

## 8.2 Repair

8.2.1 The main machine is with a free warranty of one year if there is product quality problem within the responsibility of the company starting from the day of turning the device on. (Note: Free warranty will be given by providing invoice or warranty card. The scope of warranty is limited to the main machine of the device, excluding consumables that need to be replaced regularly).

8.2.2 After the warranty period expired, please contact the manufacturer directly to request for services.

8.2.3 For repairing this device, please contact our service department or agent. Please refrain from repairing yourself, otherwise warranty will not be provided by our company.

## 9. Troubleshooting & Solutions

9.1 If the device cannot work normally, please refrain from repairing or disassembling it. Instead, you should contact our service department or agent timely to find out the causes.

9.2 Please check the device according to the table below to see if you can solve the problems yourself before requesting for repair.

Fault	Cause	Solution
There is no response after turning the device on.	The power plug is not plugged into the socket; The power switch is not on; The power fuse blows out;	Check whether the plug and socket are properly plugged.
Some handle cannot work properly.	The start button of the handle is not tapped; The probe is not properly installed; The probe is damaged; Jacks at the back of the device are not properly installed;	Tap the start button of the handle; Check whether the probe is properly installed; Change the probe or silicone ring; Reinstall them;
Liquid leakage.	Silicone ring in the sealing position get damaged or missed; Improper installation.	Change the silicone ring that for sealing purpose; Send it back to manufacturer for repair;

## 10. Manufacturer's Liability

10.1 The products produced should meet the product standards. If not, our company is responsible for replacing and returning the products.



10.2 Our company shall be liable for any damage to person or property caused by the manufacturing defects of the product. However, our company shall not be liable for any of the following circumstances:

- a) The purchaser or the operator does not operate according to the manual or does not use it in line with the safety precautions and indicative notes.
- b) Product, person or property damages caused by violating transportation, installation, usage, maintenance and storage provisions.

10.3 Our company offers lifelong maintenance and technical service for our products, and will provide free maintenance for users if there is manufacturing quality problems within the stipulated warranty period.

## 11. Parts Replacement

When the parts need to be replaced, it must be purchased from our company.

## 12. Storage & Transportation

12.1 Storage: The device should be stored in the original packing box and placed in a clean room with good ventilation. The packing box should be raised, and the ambient temperature should be between 5°C and 37°C, and the relative humidity should not be over 80%. Harmful gases, inflammable and explosive substances, and corrosive gases are not allowed.

12.2 Transportation: The device under packing condition is suitable for highway, railway, aviation and waterway transport. Violent vibration and impact shall be prevented during loading, unloading and transport. The device should not be exposed to moisture, and should not be mixed with inflammable and corrosive substances for transport and packing. The specific requirements shall be stipulated in accordance with the purchase contract.

## 13. Service Life

13.1 The warranty period of this device is 1 year. (Note: Man-made damage is not included).

13.2 The warranty period for parts is 3 months. (Note: Man-made damage is not included).

13.3 Device that beyond the service life should be tested by the engineer if it's to be used continuously.

13.4 The scrapped device and parts that beyond the service life shall be dealt in accordance with the relevant local regulations.