

Multifunction portable IPL+RF+Nd yag laser machine

Type: SRK-AS004-2108-HRM-P



Use manual

Preface

Thank you for choosing the instruments carefully designed and manufactured by our company. In order to better utilize the products, we sincerely recommend:

- Before using the instrument, please read these instructions carefully and keep them in a safe place for future reference.
- Please install, use and operate correctly according to the instructions .
- Do not disassemble and modify any parts of this unit.
- Except for authorized personnel of the company, it is strictly forbidden to open the cover and disassemble the main unit.
- It is strictly forbidden for non-professionals to perform maintenance and renovation without authorization.
- If you encounter any difficulties during the operation, please contact us.

Never look directly at the glare from the front exit of the bald hand

1、 Product introduction

The multifunction portable IPL+RF+Nd yag laser machine is a multi-functional beauty instrument that integrates the powerful pulse light, laser and radio frequency technology, which is the core of the beauty technology field. It combines a variety of energies, fully exerts the effects of light energy and electrical energy, and has significant clinical effects; it has been proven to be safe and effective for skin with different skin types and skin tone.

2、 Technical principle

E-LIGHT- uses IPL and RF dual-stage RF technology to act on the entire dermis and connective tissue, stimulate collagen at different depths, rearrange and grow, and achieve therapeutic results. The two-stage radio frequency simultaneously releases energy, and utilizes the selective absorption of light energy by the skin to cause photothermolysis effects on various diseased tissues of the epidermis and dermis.

Because its requirement for light energy is much lower than that of traditional IPL, it can absorb more energy from various pigmented and vascular lesions in the epidermis and dermis without damaging the epidermis, and better eliminate these diseased tissues, to achieve the effect of treatment.

SHR-Professional 640nm-1200nm hair removal wavelength can effectively reach the dermal papilla, continuous illuminating to ensure that the target tissue generates enough heat to inactivate the hair follicles and surrounding stem cells, hair follicle atrophy hair stops growing; the latest single pulse technology and sapphire contact the operation head synchronizes the operating and cooling, not only eliminates the long-term effect of the hair, but also protects the normal skin tissue from damage, making the customer feel more

comfortable during the operation.

RF technology - first to ensure that the skin is comfortable and not damaged, and then use radio frequency waves to generate thermal energy conduction, accurate to the deep layers of the skin, stimulate the ions in the body, charged colloidal particles to produce rapid movement or vibration, friction to generate heat, when the skin deep collagen tissue When the heat reaches 45°C-60°C, it naturally produces immediate contraction, stimulates the secretion of more new collagen to fill the gaps of the atrophic and lost collagen, and rearranges and reconstructs the soft support of the skin, ultimately achieving firming skin, filling in wrinkles and restoring skin elasticity and shining.

J laser technology - using the gem-adjusting Q mode, using the instantaneous emission of high energy to effectively break the pigment in the diseased tissue. That is, the principle of photo-blasting: the accumulated high-energy instant emission causes the irradiated pigment particles to absorb energy and then expand and rupture, and a part of the cracks become more tiny particles excreted, and some are excreted by the human body through the lymphatic system, thereby removing the pigment. The surrounding normal tissue does not absorb the pulsed light of 1064 and 532nm, thus maintaining the integrity of the cell frame, and there is no condition for scar formation; therefore, the maximum degree of safety is guaranteed to be plagued by complications after use. Other methods are unmatched.

3. Scope of application

- Hair removal: permanent hair removal, indecent hair throughout the body (hair in the growing season), including lighter hair
- Freckle: remove freckles, chloasma, sunburn, age spots, hemorrhoids, facial warts.

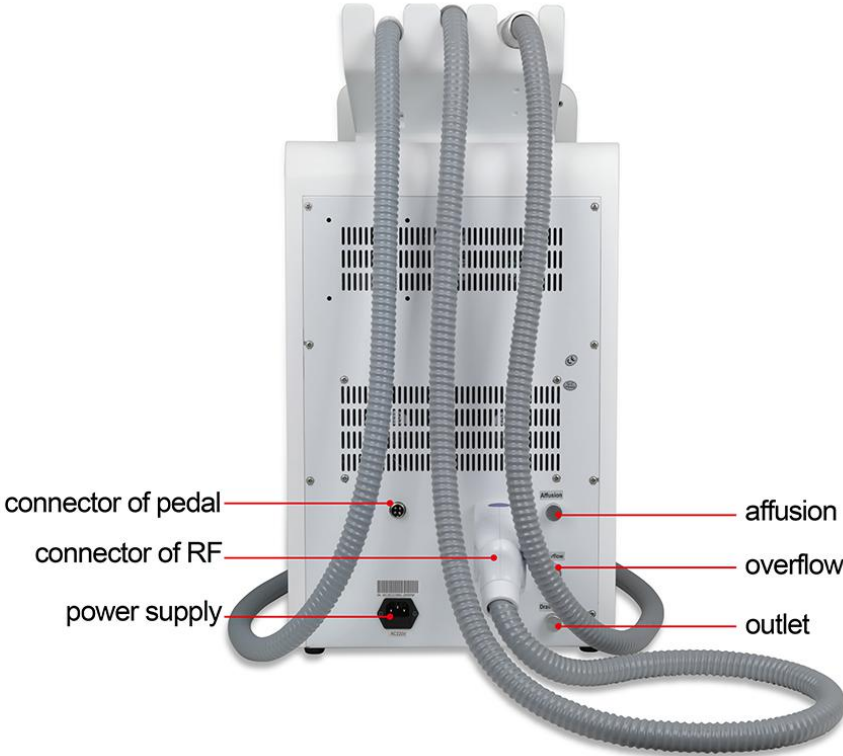
- Rejuvenation: Improves enlarged pores, rough skin, fine wrinkles, and restores skin elasticity.
- Wrinkle: removes true, false wrinkles, facial and body anti-aging.
- treatment of telangiectasia: red blood, facial flushing
- Improves dullness, makes skin fair and even.
- Specially removes red, brown, brown and other colored tattoos.
- Effectively remove all eyebrows, embroidered eyebrows, lips, tattoos, eyeliners and lip liners.
- Treatment of pigmented skin lesions and mixed pigmentation, such as age spots, birthmarks, ota, black mites, etc.

4. Technical parameters

Technical parameters	
Display	10.4 inch touch screen
Cooling method	water cooling + air cooling + semiconductor refrigeration
Water flow detection	Yes
Water temperature detection	Yes
High pressure detection	Yes
Total power	2600W
IPL parameter	
Light window	10*40mm
Spectral range	480--1200nm、530--1200nm、640--1200nm
Cooling range	1-5 files

Energy	1-50J/CM ²
Number of pulses	1-5
Luminous delay	1-5S
Pulse width	1-10ms
Pulse interval	1-99ms
SHR luminous frequency	1-10HZ
Laser parameter	
Wavelength	532nm、1064nm、1320nm
Pulse width	10ns
Energy	100--1200mj
Working frequency	1-10Hz
Spot diameter	1-8mm
Far infrared aiming light	Yes
RF parameters	
RF frequency	5Mhz
Probe size	22mm、30mm、36mm
Energy	1-20

5. Instrument display





IPL handle



Filter



Laser handle



Laser probe



RF handle



RF probe

6、 Instrument list

Host: 1 set

Ipl handle: 1 (including 480, 530, 640nm filters)

Laser handle: 1 (one for 532, 1064, 1320nm probes)

RF handle: 1 (including one for 22, 30, 36mm probes)

Handle hanger: 1 pcs

Hanging screw: 4 pcs

Open the key: 2 pcs

Safety glasses: 1 pair

Water injection funnel: 1 pcs

Foot switch: 1 pcs

Toner: 1 pcs

Eye mask: 1 pair

Sealing ring: 3 pcs

Power cord: 1 pcs

Manual: 1 book

Please check the equipment list according to the instrument list immediately after unpacking. If you find any missing or damaged items, please contact us within 24 hours.

7.Instrument installation

7.1 Rack mounting

Remove the hanger screws and secure the hanger to the top of the instrument;

7.2 Handle installation

Connect the handle to the corresponding handle interface, and then put the handle into the hanger

Note: When the handle is connected, make sure that the two blue buttons of the handle connector are completely popped out, and the buckle card is in place, otherwise the water flow will not be smooth.

7.3 Instrument adding water

Screw the water injection funnel to the water injection port, open the overflow sealing cap, add purified water distilled water, add water to the overflow, and stop adding water;

Note: The sealing cap of the water inlet and the overflow is to prevent the internal residual water from flowing out of the humidifier during the transportation of the instrument; however,

when the instrument is working, it is forbidden to screw the sealing cap of the water inlet and the overflow, otherwise the water circulation will be affected. If the water temperature is too high, it is easy to burn the handle.

7.4 Instrument debugging

Connect the foot switch to the instrument;

Plug in the power cord and power on;

Insert the key and turn the key switch clockwise;

Turn the emergency stop switch clockwise;

8、 Instrument operation

8.1 Turn on the instrument and enter the boot interface



8.2 Click the boot interface to enter the function selection interface.



8.3 Click on "E-LIGHT" to enter the treatment project interface



8.4 E-LIGHT, RF, SHR and YAG function interface

E-LIGHT:



RF:



SHR:



YAG:



9. Taboo crowd

- heart disease, high blood pressure patients
- pregnant women, patients with epilepsy
- Hypertension, diabetes patients
- light allergy customers
- Long-term work under strong light, recently sunburned skin

- Short-term skinning customers
- Customers who are taking antioxidants or hormonal drugs

10. Precautions

10.1 Handling safety

- The instrument has a precision memory device, and the user should try not to move it at a long distance.
- Before transporting the machine, the water in the instrument must be cleaned, and the water inlet, overflow and drain sealing caps should be tightened;
- Remove the handle, seal the two nozzles of the main plug and insert, avoid the residual water stain inside the instrument, and wet the instrument;
- The shock absorb package provided by the original factory must be used during transportation, otherwise the optical system may be out of adjustment and affect the energy output.

10.2 Electrical Safety

There is a high voltage in the running time of the instrument. After the power is turned off, the high voltage device may still have residual voltage. There is a danger of high voltage electric shock when the chassis is opened at will!

10.3 Operational safety

- You must fill up the water before starting the machine, otherwise it will burn the treatment hand! And use pure water or medical distilled water.
- Check the circuit and water circuit of the instrument immediately after turning it on, and observe the safety of the circuit and waterway from time to time throughout the operation.

- Never look directly at the glare from the front exit of the bald hand.
- Reflective substances such as watches, mirrors, jewelry, etc. are prohibited in the treatment room.
- Keep the light guide system clean at all times and ensure that the cold gel does not contaminate the light guide system.

10.4 Routine maintenance

1 Cleaning the handle probe: After using the instrument for a period of time, the lens of the handle probe should be inspected and cleaned regularly; during the operation, the splash of pigment particles in the tissue splashes on the lens of the probe, which affects the light of the instrument and easily causes energy light. Weakened.

2 After using the instrument for a period of time, replace the purified water for about 15-20 days; open the sealing cap of the drain hole, drain the water, and then inject pure water.

11.Repair and service

11.1 The instrument is guaranteed for 12 months from the date of purchase (by the bill), and the handle is 3 months; the instrument failure (non-human phenomenon) is repaired free of charge during the warranty period. If the warranty period is exceeded, it can also be responsible for maintenance. The cost of spare parts and consumables will be charged according to the company's regulations (transportation costs will be borne by the customer). Please contact us if you need to add or purchase.

11.2 Free repair warranty service is not provided for the following personal causes:

- Failure to disassemble or modify this product without authorization;
- Failure caused by the use of hand tools not distributed by the company;

- Failure caused by inadvertent, beating or falling;
- Failure caused by lack of reasonable maintenance;
- Failure caused by the correct use of the instructions.

11.3 Product warranty

Warranty card

Product name		Client name	
Type		Contact number	
Purchase date		address	
Maintain date	Cause of issue	Repair content	Repair man