

TRU TECHNOLOGY

Multifunction E-Light, SHR, RF, ND YAG Laser, Machine

Model GL009

USER MANUAL



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CATALOGUE

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CHAPTER 1-----INTRODUCTION

1. Theory

Elight:

The skin photo rejuvenation system, directly acts on the deeper skin tissue through the bipolar radio heating, integrating the guide of IPL (intensive pulse light) and RF.

Elight treatment is based on its selective absorbability. When the intensive pulsed light penetrates the epidermis, the energy of light will be greatly absorbed by the pigments in epidermis. High energy and dark color skin will be with high risk in treatment. Moreover, majority of the heat is reflected and refracted at the same time, only 30%-40% of energy is utilizable. Therefore, it needs to increase the energy for a better treatment result. However, majority heat is absorbed by the pigments in epidermis, which directly block to use high energy for treatment, so that affects the single treatment result.

Integrated with the excellence of IPL and RF, the device makes use of selective absorbability of skin, results in the impedance differences between the target skin tissue and normal skin tissue. Even under the state of low energy, it will enhance the absorbability to RF automatically; greatly remove the side effect possibly originating from over light energy and the discomfort. IPL and RF are the most important two technologies for Elight. Of which, IPL is mainly applied to adjust the value of impedance, and guide radio frequency energy concentrate acts on the target skin tissue, and enhances its absorbability to radio frequency energy even under the state of low light energy. Because IPL is not the main energy, then avoids from reflection and refraction of main energy. Based on its characteristic, the heat effect originating from radio frequency heating on skin depends on the current density, which depends on the impedance distribution of skin tissue. the higher temperature of skin tissue, the lower impedance, then the bigger current density and the higher heat effect; vice versa. Therefore, the pigments in epidermis will not affect the radio frequency absorbability of target skin tissue. Radio frequency energy can well act on the target skin tissue and get a best result. At the same time, the exterior contact cooling technologies of probe, removes the over heat energy originating from IPL and increase the impedance of the epidermis, that reduce the epidermis absorbability to the radio frequency. All of these greatly increase the treatment results and safety, even to the treatment results of light skin tissue. Take full advantage of the integration of IPL and RF in this system, offer the best temperature distribution in deep dermis,

which helpful to the exact treatment, effective on the deep dermis and connective tissue, that stimulate the renew of the collagen and do not affect the normal epidermis.

SHR:

SHR works by gradually heating the dermis to a temperature that effectively damages the hair

follicles and prevents re-growth, while avoiding injury to the surrounding tissue. A high repetition

rate of short pulses are delivered deep into the dermis, achieving high average power and

therapeutically effective heat build-up, with virtually no pain.

RF:

RF is the very high-technology, great safety and no wound. The collagen is the main structure of skin. However, the collagen and elastin will reduce and lack because of sun oxidation and air pollution as the time flies, as sustainment of skin, flexibility fibre and collagen fibre would gradually lose elasticity and tensility. Sagging skin, or other visible signs of aging will appear.

The RF equipment has the cooling system of surface layer, and uses proprietary technology to deliver radiofrequency energy to the deep layers of the skin and its underlying tissue. The heat will accelerate the blood circle, lets the fibre structure shrink instantaneously, and stimulates the renewal of collagen. In response, the collagen shrinks and remodels over time, providing you with tighter skin, renewed facial contours...

ND-YAG LASER:

ND-YAG Laser tattoo removal equipment adopts the Q switch mode, which makes use of the instantaneous emitted laser to break the pigment in ill structure. That's the laser instantaneous emit theory: Centralized high energy emit suddenly, which makes laser of settled wave band instantaneously penetrate through cuticle to the ill structure in 6ns, and break the relevent pigments quickly. After absorbing the heat, the pigments swell and break down, some pigments (in skin-deep cuticle) fly off the body immediately, and other pigments (deep structure) break down then become the tiny granule can be licked up by the cell, digested and egest from the lymph sell. Then the pigments in ill structure lighten to disappear. Moreover, the laser do not damage the around normal skin.

The advanced Multifunctional (Elight+IPL+RF+ Laser) Model is a full professional unit. It focuses the functions of Elight, IPL, RF and Nd-yag Laser tattoo removal machines together. You can get so many treatment results with only this one machine. The machine has the absolute best refrigeration unit that keeps the treatment head(s) cool during operation for 12 continual hours.

2. Applications

- * Various kinds of hair removal
- * Pigmentation removal, spots removal
- * Vascular removal
- * Skin rejuvenation, skin care
- * Acne removal
- * Wrinkle removal
- * Skin lifting, body shaping
- * Tattoo removal
- * Eye-line removal, lip- line removal
- * Birth mark removal, mole removal

3. Who is forbidden?

Elight / SHR / Laser Treatment

- *People who are allergic to light.
- *Pregnant women, Diabetes suffers, cardiac patients, people with Hypertension, Epilepsy and skin cancer.
- *People with cardiac pacemaker and defibrillator.
- *People whose treatment parts are damaged.
- *People are just back from the beach. The skin is very weak after the exposure in the sun in this time.
- *People have taken some photosensitive food or drug recently.

RF Treatment

- * Pregnant women
- *People with Hypertension, diabetes, heart disease, very sensitive to electricity, gestation period, Hematologic disease

- *People with Cardiac Pacemaker, severe skin disease, Hypodermal injection
- *People with Collagen, Botox injection, should wait 3 months first
- *People with skin operation(such as skin lifting operation) should be very careful when treatment
- *People with nose reshaping or laser near-sighted operation, should keep off these parts.

Important Information

This USER MANUL contains important information on the use and operation of this machine. Please read all the information carefully for optimal performance and to prevent any damage to or misuse of the machine. Any changes or modifications not expressly approved in this USER MANUAL could void your warranty for this equipment.

CHAPTER2---SAFETY

1、 For your safety

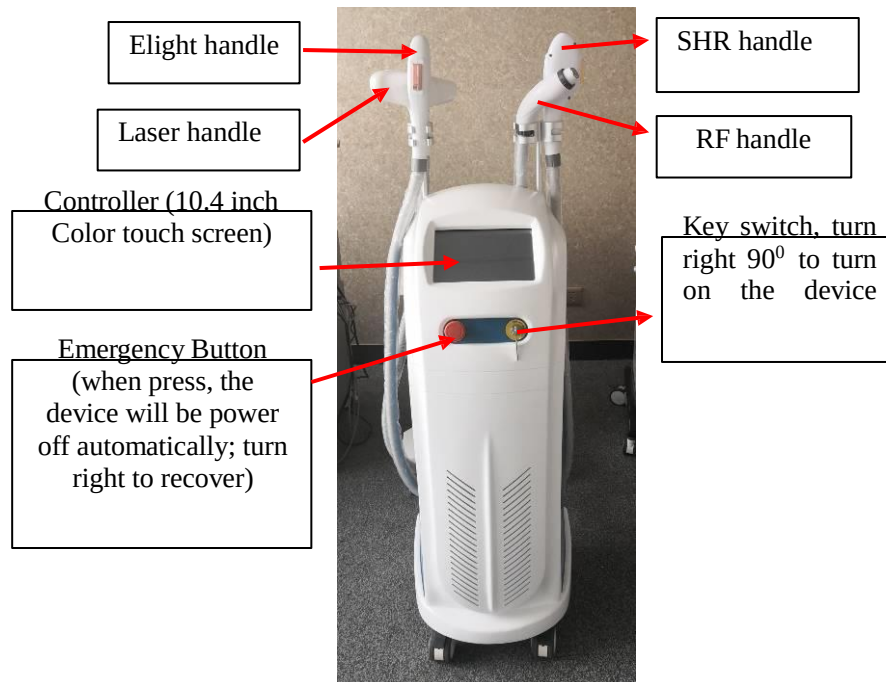
- 1. Before opening the machine, you must fill the pure water or distilled water into this machine until the water automatically comes out of overflow, that means the water is full of water tank. Otherwise, it will easily make the machine broken down.**
2. Keep any reflecting things out of the operating room, such as mirror, watch, jewellery...
3. Operator and the patient must wear the professional protective glasses and goggles to protect eyes very well.
4. Any intense pulsed light or laser without correct using can injure the body. In the course of working, the device will produce high pressure. So every operator should keep warning, operating according to this introduction.
5. Well-trained operator and appropriate disposal treatment room is very necessary and important. Moreover, the patient should also know the treatment theory and wear the professional protective eyepatch, protecting eyes from burning.
6. Operator: During the treatment, you may touch the intense pulsed light, so it's very necessary to wear the professional protective glasses.
7. Treatment room: The room must clear mark "using intense pulsed light" .

8. Except the authorized mechanic, anyone have no right to examine and repair the machine, especially the inside of device that including electrical source, cooling system, optical organs and treatment head. Notice the dangerous high pressure inside.
9. To check whether it's accordant to your resident voltage or not.
10. Maintenance must after turning off the device and drawing out the electrical source line. Or it's easy to injure people and damage the equipment.
11. Keep the filter and the probe clean. Do not let the cooling gel enter into the RF probe.
12. Stop turning on when finding slack from treatment head. If the machine is turning on, please close it right now.
13. Over light energy could burn skin, that results in atrophy or pigment deposit.
14. Do not directly see the intense pulsed light during treatment, even wearing the protective glasses and goggles.
15. Do not allow to point the treatment hand piece to the air. Generally, hang it in the bracket of the machine.
16. High pressure inside the equipment. It's possible to deposit electricity in some parts even after switching off. So it's not allowed to open equipment beyond the authorized mechanics.
17. When maintaining, please turn off power, cover board, and observe in person.
18. Total weight of this machine is a little heavy, so please take care when moving.
19. The temperature will raise after absorbing light energy, so please take actions to reduce the flammable risk on treatment parts or around area.
20. Do not use ethanol, acetone or other flammable things on skin before treatment. If necessary, please use soap or water.
21. When listerizing the treatment head or other parts in ethanol, please wait till dry.

CHAPTER 3----- INSTALLATION

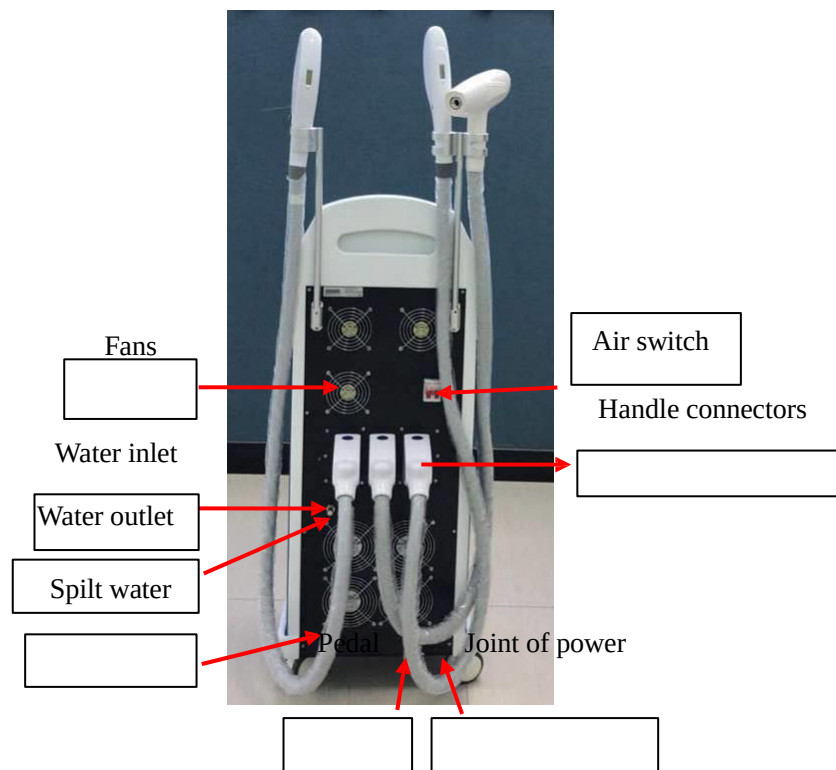
1、 Machine introduction

front introduction :



Emergency button---under the status of working, keep emergency button bounce; when meet some emergency, you could press the button downwards, then the machine stop all working and power supply automatically; switch the button as arrow on button to recover working.

back introduction :



2、 Accessories introduction



Water funnel



Foot Pedal



Protective glasses



Goggles



Power line



Elight Filters



Elight handle



SHR handle



RF handle



Laser handle

Pedal with the same function of control button on handpiece, to control the pulse light release.

3、 Installation

- a. Open the package when receiving the machine, place the device on the level ground. (If there's water on the surface of the device, please wait till dry then input water to test.). Keep 22°C-28°C temperature and the humidity not more than 20% in the treatment room.
- b. Input water (*water source: pure water or distilled water*):
 - a) Screw off the screw caps of water inlet and spilt water orifice at the same time
 - b) Connect the water tube and water funnel well and insert the orifice to input water;
 - c) Automatic water spilt from the spilt water hole, means enough water input:

Caution: *After inputting the water, do not tighten that two screw caps.*

Change the water inside of the machine every 1month or 3 months.

- c. Join one end of the handle to the joint.
- d. Join the power line and the pedal line, then turn on the power source

After turning on the power supply, please observe the water circulation inside the device. Normally, you will hear the sound of water flow. About 3-5 minutes later, the probe runs cold, at this time, it's able to insert the relevant crystal and start to operation

Emergency button (when

press, the device will be power off automatically; turn right to recover). Usually, it should be under the state of spring



Turn right 90° to turn on the power supply; return to its initial place means turn off.

If the water doesn't cycle inside the device, or the probe does not cold, it's possible that there is air in the pump. At this moment, please turn on the device, when turn to the welcome screen(do not do any operation on the screen at the moment), then fold the white hose(in handle) to the angle of 90 degrees and slack, then turn off the device; repeat this action for 3-6 times. That could exhaust the air to the watertank, then the air will exhaust from the orifice for spilt water and the orifice for input water (of course, at this moment, should screw off the screw caps of the orifice for spilt water and input water at the same time).

- e. Introduction and usage of the Elight handle, show as the following picture:



Press handle button to release the light



Filter insert slot

Elight Handle

Insert the filter into the handpiece filter slot.

Different filter wavelength for different treatments:

530nm---pigment treatment.

590nm---skin rejuvenation, wrinkle removal.

480nm--- acne treatment.

690nm--- vascular therapy.

640nm---hair removal.

CHAPTER4---SOFTWARE&CLINIC OPERATION

When turning on the device, the screen will show as the picture 1:



Picture 1

Press “ Enter” button, you can go into main screen. Now you can choose Elight / SHR/ RF / Laser mode to do different treatment, show as picture 2.

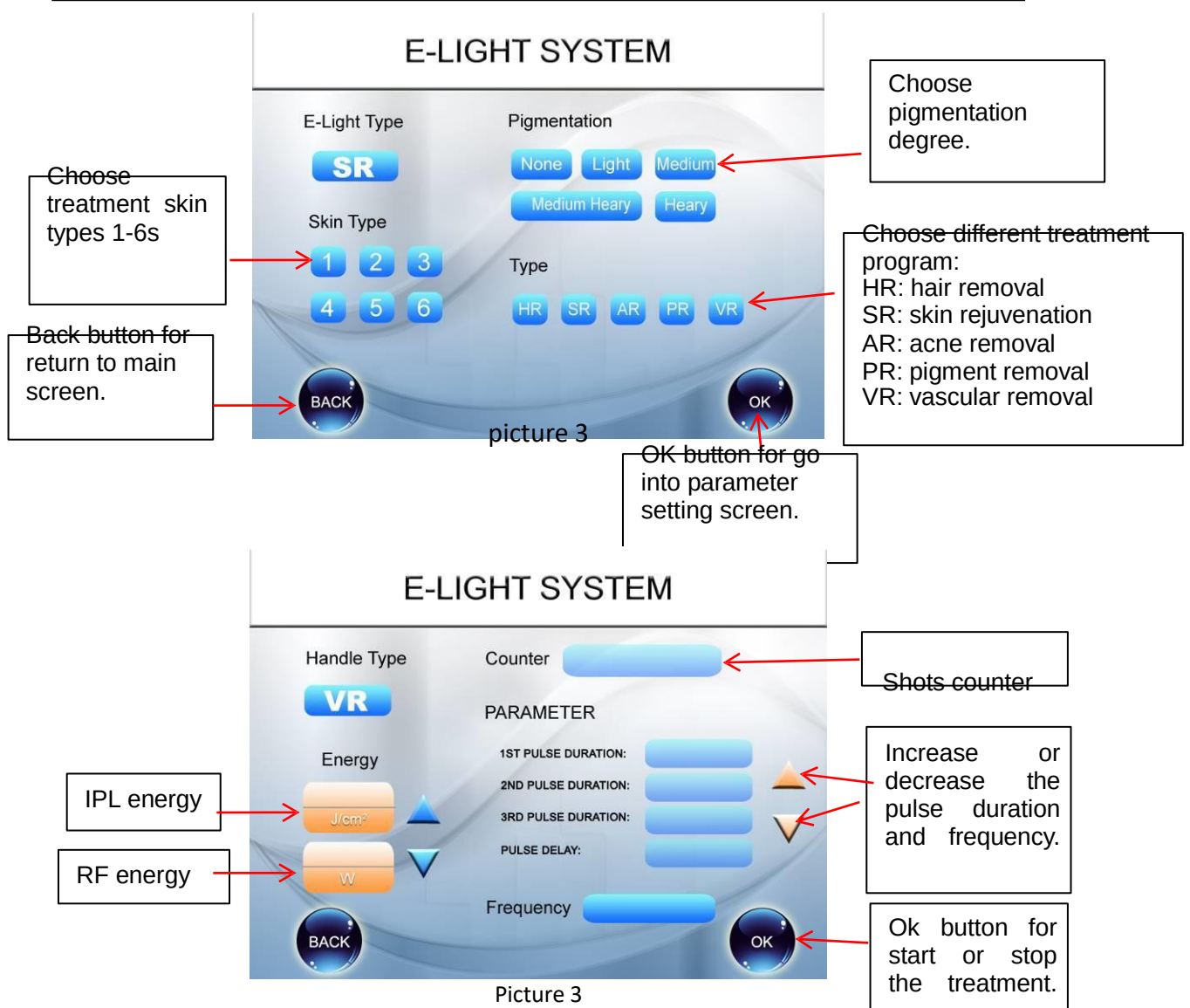


picture 2

=====

Elight part:

Press the Elight button, enter the Elight mode, show as picture 3:

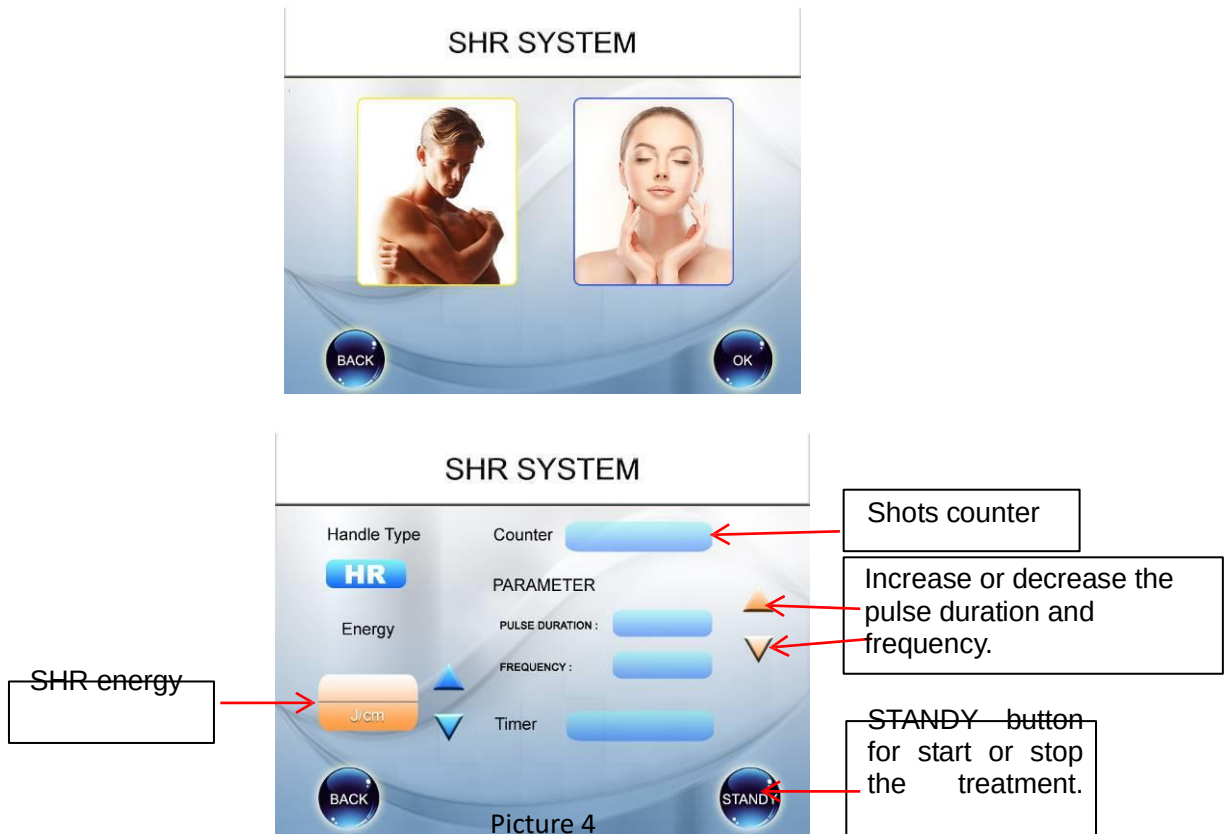


Remarks:

During the process of parameter adjustment or parameter settings, do not touch "OK" button, after the adjustment or settings and want to start the treatment, then touch again.

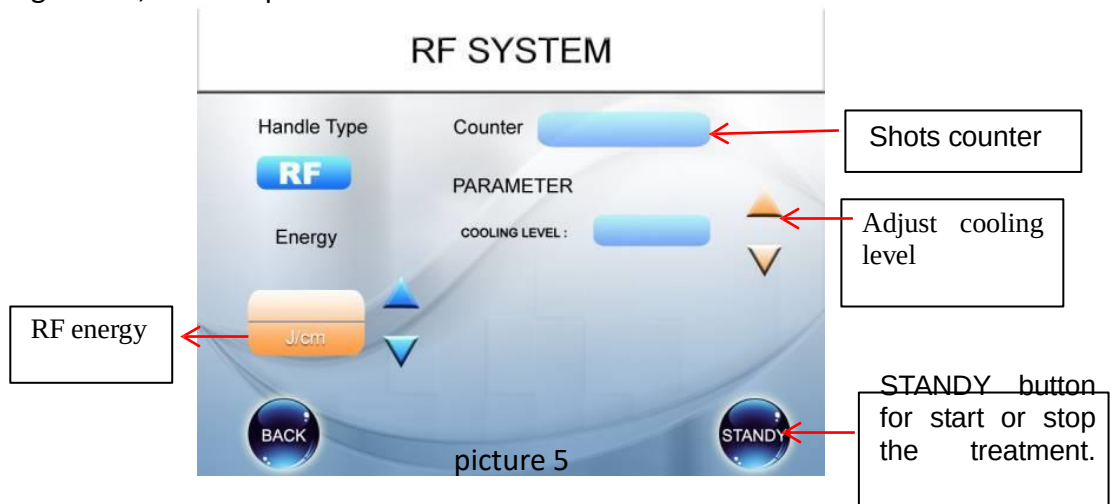
SHR part:

Press the SHR button, enter the male and female selection interface, then go to parameter setting screen, show as picture 4:



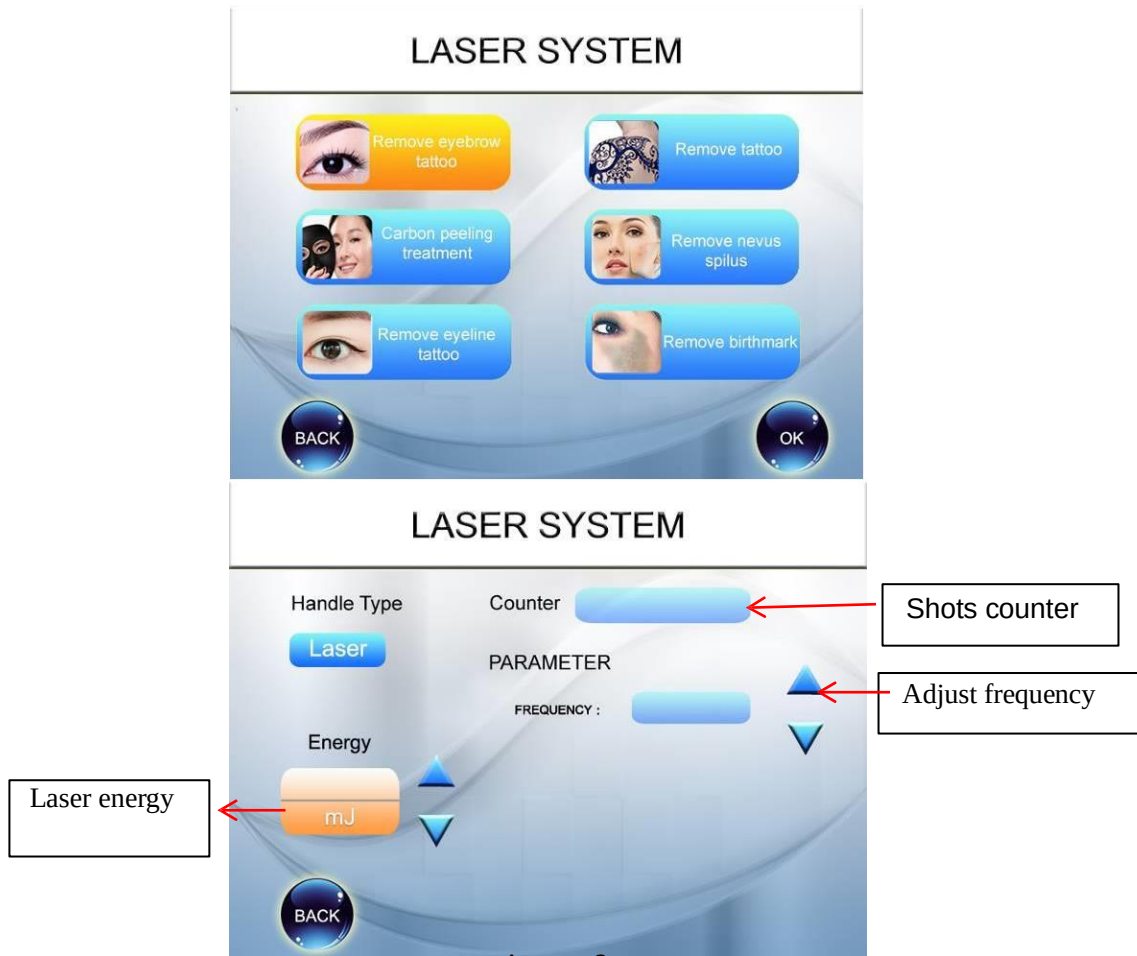
RF part:

Press RF button, enter the male and female selection interface, then go to parameter setting screen, show as picture 5:



LASER part:

Press LASER button, enter the treatment program interface, select different treatment program, then enter the parameter setting screen, show as picture 6:



picture 6

II.CLINIC OPERTION

IPL SHR part:

① Pigment treatment---530nm

- 1-3 or 3-6 treatments as one cycle.
- Every 3-4 weeks for one treatment. Because the human metabolism cycle is 3-4 weeks, some decomposed pigment cells are phagocytosed by the lymphocyte, and expel from the body along with the metabolism.
- Feelings in the treatment: some pain feelings like needle pricking. 3-30 minutes after the treatment, pigment will be darker. Pigment scab will shed 3-7 days later.
- Effect of cooling gel: cooling and light transporting
- Usage: spread the cooling gel on the treatment area before treatment, about 3mm thickness; 20minutes after the treatment , scrape the cooling gel, or cooling with ice for 10 minutes
- Operating sequence: clean skin and spread cooling gel on the treatment area;

after the treatment, make ice cooling treatment. Overlapping size of spots:
1-2mm

g. Parameters:

width of first pulse: 7-8.0
interval of first pulse:10
width of sub-pulse:7.5-8.0
interval of sub-pulse:10
pulse no.: 5

It can be increasing the value, according to the actual conditions of the patients; generally, the best treatment result is that still stinging sensation to the patients.

② Skin rejuvenation / wrinkle removal ----590nm

- a. 1-3 or 3-6 treatments as one cycle.
- b. Every 3-4 weeks for one treatment. Because the human metabolism cycle is 3-4 weeks, the stimulated collagen fiber tissues and flexibility fiber tissues will be steady along with the metabolism.
- c. Feelings in the treatment: sting pain feelings inside skin.
- d. Effect of cooling gel: cooling and light transporting
- e. Usage: spread the cooling gel on the treatment area before treatment, about 3mm thickness; 20minutes after the treatment scrape the cooling gel, or cooling with ice for 10 minutes.
- f. Operating sequence: Clean skin and spread cooling gel on the treatment area; after the treatment, make a ice cooling treatment. Overlapping size of spots: 1-2mm

g. Parameters:

width of first pulse: 7.0-8.0
interval of first pulse:10
width of sub-pulse:7.5-8.5
interval of sub-pulse:10
pulse no.: 4

It can be increasing the value, according to the actual conditions of the patients; generally, the best treatment results are that till little stinging sensation to the patients.

③ Vascular treatment-----690nm

- a. 1-3 or 3-6 treatments as one cycle.
- b. Every 3-4 weeks for one treatment. Because the human metabolism cycle is 3-4 weeks, the stimulated capillary vessel tissues will be shrinking and steady

along with the metabolism.

- c. Feelings in the treatment: some pain feelings like needle pricking. A little inflamed feelings on skin after the treatment.
- d. Effect of cooling gel: cooling and light transporting
- e. Usage: spread the cooling gel on the treatment area before treatment, about 3mm thickness; 20minutes after the treatment, scrape the cooling gel, or cooling with ice for 10-20 minutes
- f. Operating sequence: Clean skin and spread cooling gel on the treatment area; after the treatment, make a ice cooling treatment. Overlapping size of spots: 1-2mm
- g. Parameters:
 - width of first pulse: 7.0-8.0
 - interval of first pulse: 10
 - width of sub-pulse: 7.5-8.5
 - interval of sub-pulse: 10
 - pulse no.: 4

It can be increasing the value, according to the actual conditions of the patients. To the first treatment, pls take care the energy, not to big; generally, with little stinging sensation to the patients; from the second treatment, can try to increase the energy, generally, till stinging sensation to the patients.

④ Acne therapy---480nm

Regarding the acne treatment, when the sebaceous gland metabolize foul-up, lead to block the skin-pore, and make the skin seed capsule pathological changes, and the Propionibacterium Acne, PAC increase in the blocked skin-pore, lead to the skin papilla, pustule, knur and cyst. Why the skin has acne, the reason is Propionibacterium Acne, PAC. IPL machine adopt 530-1200nm, active the Porphyrin which is from metabolism, release single Oxygen to kill the PAC. And IPL energy promotes the skin pore open, ensure the single Oxygen into the skin pore, reach a good effect during the treatment.

- a. 3-5 treatments as one cycle.

Because the acne has its own growth period and dormant period, so it's effective to remove the acne before and after growth period, 3-5 treatments.

- b. Every 3-4 weeks for one treatment. Because the human metabolism cycle is 3-4 weeks. IPL machine adopt 530-1200nm, active the Porphyrin which is from metabolism, release single Oxygen to kill the PAC. And IPL energy promote the skin pore open, ensure the single Oxygen into the skin pore, reach a good effect during the treatment
- c. Feelings in the treatment: some pain feelings like sting pricking.

- d. Effect of cooling gel: cooling and light transporting
- e. Usage: spread the cooling gel on the treatment area before treatment, about 3mm thickness; 20minutes after the treatment, scrape the cooling gel, or cooling with ice for 10 minutes
- f. Operating sequence: Clean skin and spread cooling gel on the treatment area; after the treatment, make a ice cooling treatment. Overlapping size of spots: 1-2mm

Parameters:

width of first pulse: 7.0-8.0
interval of first pulse:10
width of sub-pulse:7.5-8.5
interval of sub-pulse:10
pulse no.: 4

It can be increasing the value, according to the actual conditions of the patients. To the first treatment, pls take care the energy, not to big; generally, with little stinging sensation to the patients; from the second treatment, can try to increase the energy, generally, till stinging sensation to the patients.

⑤. Hair removal ----640nm

- a. 3-5 treatments as one cycle.

Because the hair has its own growth period and dormant period, so it's effective to remove the hair in growth period, 3-5 treatments.

- b. Every 3-4 weeks for one treatment. Because the human metabolism cycle is 3-4 weeks, some decomposed pigment cells of hair follicle are phagocytosed by the lymphocyte, and expel from the body along with metabolism.
- c. Feelings in the treatment: some pain feelings like needle pricking. 3-8 hours after the treatment, a little inflamed feelings on skin. Lightly tweezer the hair root, naturally sheded and no pain, which means the best effect.
- d. Effect of cooling gel: cooling and light transporting
- e. Usage: spread the cooling gel on the treatment area before treatment, about 3mm thickness; 20minutes after the treatment, scrape the cooling gel, or cooling with ice for 10 minutes
- f. Operating sequence: Clean skin, shave the unwanted hair on the treatment area or shear the unwanted hair, 1mm to the hair root; and spread cooling gel on the treatment area; after the treatment, make a ice cooling treatment for 5-15 minutes
- g. Parameters:

width of first pulse: 7.0-8.0

interval of first pulse:12

width of sub-pulse:7.5-8.5

interval of sub-pulse:12

pulse no.: 6

It can be increasing the value, according to the actual conditions of the patients; generally, the best treatment results is that till stinging sensation to the patients.

ATTENTION:

Pay attention: In one month after treatment, the patient should use sunscreen SPF15, when going out, you'd better take an umbrella and wearing a hat in case of sunburn. If your skin expose in the sun, it will increase the regeneration rate of melanoma, directly result in excessive pigmentation.

You should often use moisture mask to supply water to your skin. Keep your skin retain water. You'd better use a mask before treatment.

Do not make up immediately after treatment. You'd better use the pure biological skin care products, not chemical products and the silty cosmetics. If there's flare on treatment area, a doctor should be notified immediately and stop make-up. Take some VitC or VitE.

Treatment course:6-8 times as one course,2-3 course in all. The next treatment should be carried out after 3 weeks .After one course treatment,the problems such as age spots, spots, ect will be solved,the skin becomes shiny and flexible.

As physical differences in personal,individual customers may be temporary discomfort,small blisters,pigmentations,flare,in this case,we suggest you use ice pack for 30 minutes,you can make up 5 days later after treatment.

RF PART:

RF energy adjustment:

The adjusting range of RF energy: 1-50 to adjust its size through the up and down arrows. If always press the adjustment button, RF energy will automatically increase or decrease. The energy adjustment step length is 1. The bigger the number is, the greater the RF output energy is, which could adjust according to the actual situation.

Skin care after treatment:

1.Use some sunscreen lotion in case of sunburn

2. Pay attention to moisturizing skin very often.
3. Do not make a lot of face expression in 3 hours after treatment
4. Do not go to hot place, like Sauna, spa.

LASER PART:

Laser energy adjustment:

The adjustment scope of the laser energy is: 1-2000 mJ to adjust its size through the up and down arrows. If always press the adjustment button, laser energy will automatically increase or decrease. The energy adjustment step length is 10mJ for a single adjustment and 30mJ for the continuous adjustment. The bigger the number is, the greater the laser output energy is, which could adjust according to the actual situation.

Laser working frequency adjustment:

The laser working frequency scope is: 1 - 10 Hz to adjust its size through the up and down arrows. If always press the adjustment button, the laser working frequency will automatically increase or decrease. The adjustment step length of the laser working frequency is: 1 Hz. The bigger the number is, the faster the bright dipping is, which could adjust according to the actual situation.

OPERATION STEP

- 1) Choose treatment tip: 1064nm, 532nm, or 1320nm tip. Then fix it in the laser gun.
- 2) Adjust the parameters, point the laser output to the treatment area. then Press down the ready button and step on the laser foot switch or handle button, now start to emit laser. At this time, you will find the display screen start to count.
- 3) After finishing the operation, you have to release foot switch first, then back to [standby].

Pay attention: During the treatment, patients should be coordinated with operator, do not move, do not open eyes, or it will damage the eyes. The distance between probes and treatment area is about four fingers (about 12cm), the laser handle should be perpendicular to treatment area.

ATTENTION:

Uncomfortable Symptoms in 3-5 days after treatment

1. The face will be redness or become swollen, which is a role of heat that will promote collagen regrowth.

Pay attention: do not make ice cooling at this time, just wait for 20-60 minutes, they will be gradually disappeared.

2.The skin is very dry, so you have to pay more attention to keep moisture of skin.

3.Some people will have a little allergic to carbon powder, you can rub some external medicine.

Cosmetic and skin care products

1.Do not clean face with too hot water and irritant clean products;

2.Choose some moisture lotion and sun protection lotion for skin care;

3.Use some moisture essence, such as Hyaluronic Acid,B5 for skin repair

Daily Life

1.Do to go to High temperature places in 3-5 days after treatment, such as sauna, Hot spring, sunbathing

2.Do not smoke, drinking, stay up all night

3. Pay more attention when make-up remover.

CHAPTER5----Technical Specification

Display	10.4 inch color touch screen Display	
Elight & SHR part:	Multi-band hand-piece	480nm/530nm/590nm/640nm/690nm
	Energy Density	1-50J/cm ²
	Language available	English
	IPL Energy	1~50J
	RF Energy	1~50J
	Shots Number	300,000
	Cooling system	Japanese semiconductor+ wind + water +cooling gel
	Skin cooling	≤3-10°C
	Frequency	Elight: 1-3s SHR: 1-10Hz
	No. of Pulse	1-6
	Output Power	2000W
	Size of Spot	Elight: 15x50mm ² SHR: 10x50mm ²
RF part	Output Mode	Pulse or continuous
	Energy	1~50J/cm ²
Laser Specification	Laser Type	Q-switch ND YAG laser
	Wavelength	1064nm, 532nm, 1320nm
	Energy	2000mj
	Facular Diameter	1~6mm
	Frequency	1-10 Hz
Voltage	220V (110V)/15A 50Hz (60Hz)	

CHAPTER 6---- MAINTENANCE

Daily maintenance for machine

- 1.1. No stress on the screen, prevent from breaking up
- 1.2. Every 15 -30 days to change the water. After changing water, please make sure water circulate normally before usage. If the probe continuously with high temperature after continuing working too long, you could change half of water from the machine. In this case , the temperature will reduce at once.
- 1.3. Please check the surface of treatment head if there's attachment object after treatment, if so, please lightly clean it with lens paper or absolute alcohol.

Elight part

- 1.1. Keep the filters and probe clean, do not let the cooling gel enter into probe.

We suggest you slightly clean the filters' wafer after each treatment with soft and clean paper towel, if it's very dirty on its wafer, please dip the paper towel in a little dehydrated alcohol. Then clean it, just as follows:



- 1.3. The handle is fragile, please take care when pick up and drop it in the bracket.

Laser Part:

- 1.1. Keep the laser tips and lamp clean.
- 1.2. We suggest you slightly clean the tips lamp by good cotton swab during the treatment, to make sure the good energy up on the skin all the time. After each treatment, please dip the cotton swab in a little dehydrated alcohol, to clean the treatment tip.

- 1.3. The handle is fragile, please take care when pick up and drop it in the bracket.

Malfunction and solutions

1. No power supply:

- a. Checkup whether there is power sup
- b. Checkup whether the power line is connected well.

check up the fuse, which could be pulled out at the bottom of hole for power plug.

- c. Checkup if you open the key switch and emergency switch.

Solution:

- a. Connect well the power line
- b. Change the fuse;
- c. Open the key switch and release the emergency switch button

2.Non-Refrigeration after opening the machine:

- a. Cooling electric source is broken
- b. Semiconductor is broken
- c. There's air in the treatment head, non-well water circulation

Solution:

Contact supplier directly

3. Treatment Head leakage:

- a. The screws of the head loose
- b. The water pipe inner of the head has dropped down
- c. Lamp or crystal of the head is broken

Solution:

Contact supplier

4.The Treatment head can't light on:

- a. The head is broken
- b. The controller is broken
- c. The Power line is broken

Solution:

Contact supplier

5.No Flashing

- a. Do not control well of the switch on the treatment head
- b. Make the wrong operation
- c. The controller is broken
- d. The power line is broken
- e. Need to change a new treatment head.

Solution:

Contact supplier

(2) RF part

The Same to IPL part

(3) Laser part

1. If there's no laser emit from the treatment head, to check if the system come into [Ready], or check if the foot switch connect well or not.
2. If the emit laser become very weak or no laser , to check if the treatment head clean or not, or the water circulation is good or not.
3. If do not enter into [Ready], to check if cooling water enough, or water circulation is good or not.
4. If do not open the machine, to check if the power line connect well, fuse is good or not, emergency switch is open or not.
5. If other problems, please contact suppliers directly.

THANK YOU

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