

Portable SHR IPL Hair Removal Machine

High Quality ABS material
Shell with 10.4inch
Touch Screen



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Portable SHR IPL Hair Removal Machine-RIVA

Permanently remove unwanted hair on all parts of the body and for hair colors

Remove the light wrinkles and shrink the skin pores

Lighten and remove all kinds of pigmented lesions e.g. speckles, age-spot, sun-induced spots

Remove skin flaws and improve the skin quality;

Skin-rejuvenation, skin-whitening and enhancement of skin elasticity



AB BEAUTY MACHINES

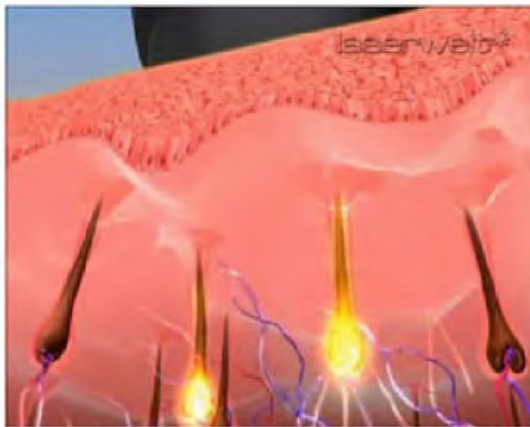
What's SHR ?

SHR= Super Hair Removal, it's a revolutionary technology of hair removal which is having a sweeping success. (adopt technology AFT (Advanced Fluorescence Technology) and EDF

SHR combines laser technology and the benefits of the pulsating light method achieving practically painless results.

SHR combined with "In Motion" represents a breakthrough in permanent hair removal with light technology. The treatment is more pleasant than with the conventional systems and your skin is better protected.

Conventional devices, not using SHR technology, merely transport energy along the melanin to the follicles



SHR gently transports the energy through the skin and through the melanin to the hair follicles



Note

- 1 Use cooling gel to protect the skin while treating.
- 2 Pay attention to protect the eyes of both the operator and customer.
- 3 Pay attention to the storage and temperature surroundings.
- 4 Operators should have some training and knowledge of IPL and safety precautions for intense light's radiation.
- 5 Operators must be aware of the potential hazard that may cause by intense light's radiation.
- 6 All repair and maintenance of products should be performed by FBLaser authorized technical personnel.



Warning

All persons in the vicinity of the system must wear protective glasses and goggles



- Never stare directly into the intense pulsed light emitted from the front end of the handpiece.
- Keep ignitable and explosive stupeficient, liquid and gas, including alcohol, nitrous oxide and oxygen, away from the radiation of the light, and safety measures should be taken.
- Ornaments that reflect light, such as Jewellery, should always be taken off by the patient and operator.
 1. The patient should be provided with adequate protection for the eyes, such as protective eyewear.
 2. Always place the headpiece back in its cradle after use.
 3. It is recommended that a warning sign be placed at the entrance to the treatment room whenever the system is in use.
 4. Initial treatments should use the lowest energy setting to ascertain the reaction to the skin using the Fitzpatrick Scale as a guide.

Reflected and Direct Eye Exposure Hazard

Staring directly into the intense pulsed light at a short distance without protective eyewear may result in damage to the vitreous body and retina.

All persons in the vicinity of the system must wear the safety goggles. The protective goggles provided with the system absorb the light with a wavelength ranging from 200nm to 1200nm. Always use the eyewear provided with the system as some planar-surface lenses may lead to harmful reflected light. Never stare directly into the intense light filter even with the goggles on.

Function:

1. Remove the shallow skin pigmented lesions (such as freckles , age spots , solar sunspots , melasma spots , etc.)
2. Solve skin redness (telangiectasia) and other vascular lesions issues
3. Rejuvenation: shrink pores, improve skin texture, increase skin elasticity, improve acne sequelae
4. Treat the relaxation therapy and wrinkles caused by skin aging
- 5 Hair removal: OPT –functional beauty instrument greatly expands the hair removal treatment groups, the effect of light-colored hair removal is satisfactory.

Standard configuration

handle	foot step	Power wire	bottle
Injection	Key	glasses	goggle

Contraindications

- Elight treatments are not recommended for people who have:
- heart disease;
 - suffer from high blood pressure;
 - have photosensitive skin or cicatricial diathesis;
 - have taken any photosensitive medicine recently;
 - received any IPL peeling treatments within half a year;
 - received any chemical peeling treatments within half a year.




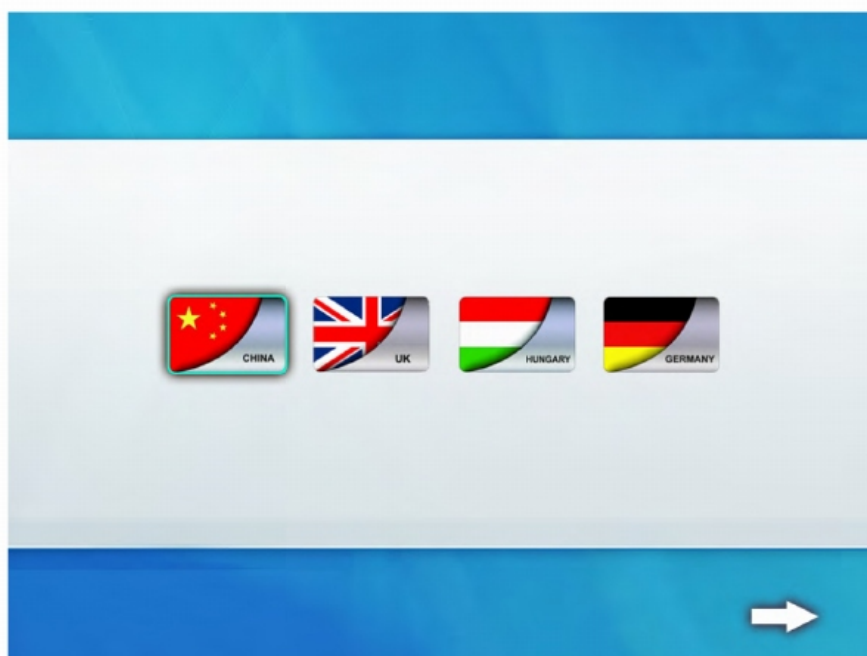
Power on and Treatment selection screen

Power switch on, into "Welcome" interface. (Figure 1)



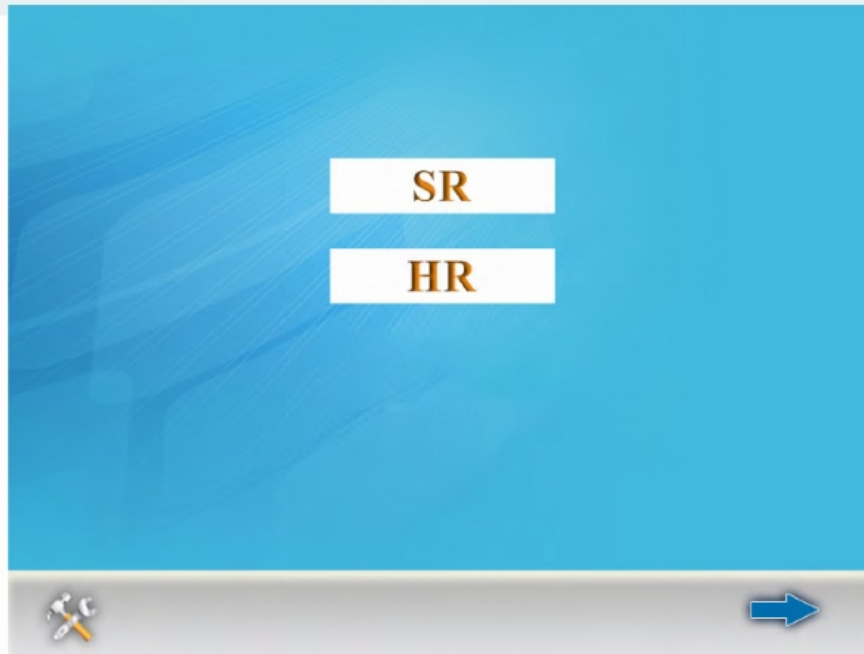
(Figure 1)

Touch  will be in Figure 2



(Figure 2)

Choose Language press  enter into next interface figure 3



(Figure 3)

Treatment model description : HR for hair removal , SR for skin rejuvenation. Choose HR enter into Figure 4

SHR hair removal operation screen. (Figure 4)



(Figure 4)

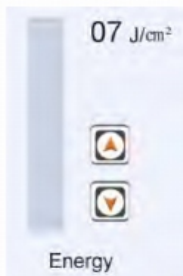
Choose Male or Female. Skin Type. Hair Density , Hair Color and Hair Thickness. then Enter into Next Main Operate Interface.

Screen description :

SHR hair removal operation screen. (Figure 5)

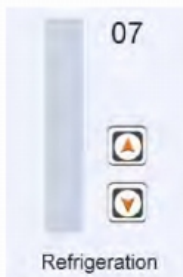


(Figure 5)



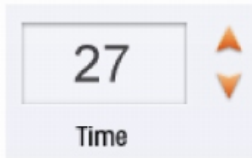
IPL power control range 1—50J/CM², adjust according

customer's physical condition ,can adjust under treatment.

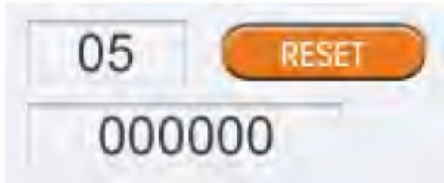


handle refrigeration adjust range:1—5, adjusting

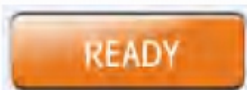
when you need under treatment.

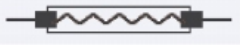


2. Time setting range is 1 --- 30S, this time after the release of the pedal is not pressed emission time, the cure process can be adjusted.



3. First column is this cure times above the display, followed by zero point reset key. The second shows the total number of therapeutic cure mode To this end, in the background settings interface can be cleared (at the back will detail how to be cleared).



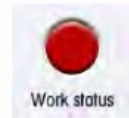
4. After all the settings are finished, ready to start charging the pre-combustion work, then the interface will become standby ,after 1second becomes a successful pre-combustion  and then you can start to treatment.

(This picture shows the ready status icon display.)



PS : Description of Different icons.

1, the working status icon will appear as light-emitting process in tips



2, handle :



the inactive state,



the active state.

3,



normal temperature.

4,



normal water flow.

5,



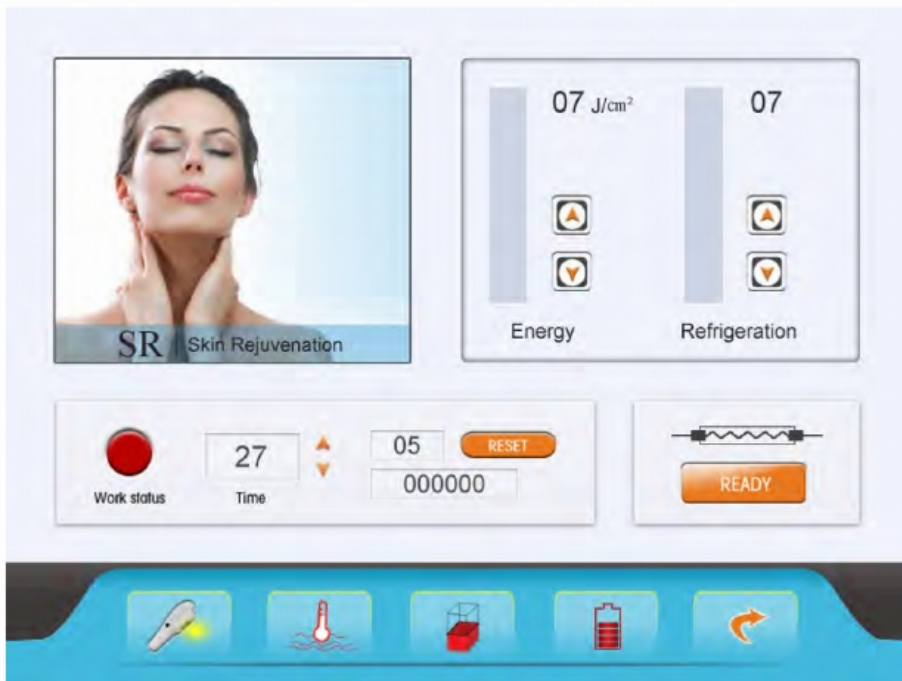
the uncharged state,



the charged state,

can work as usual.

SR Operate guide is same with HR Operate .
If you press SR treatment mode. it will enter into SR interface as followed picture;



(Figure 6)



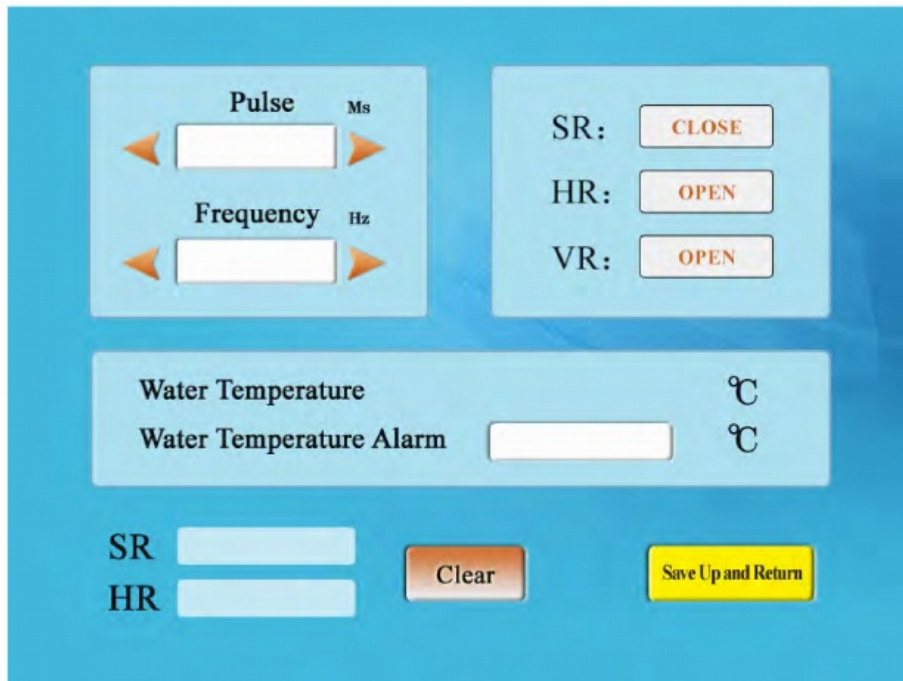
(Figure 7)

If you would like to set Frequency or other parameters.. Please press this button enter into followed screen

VR: VR headpiece optional

Pulse Ms
 Pulse Width:0.1-10ms

Frequency Hz
 Frequency: 1-10Hz adjustable



(Figure 8)

SR
HR HR. SR headpiece shot counter can be cleared

Water Temperature °C
Water Temperature Alarm °C Water Temperature Alarm Set.

Notices for treatment on skin:

1. Face treatment----Treat the face wholly than parts of them because the effectiveness is more evident.
2. Daub the gum on the treatment place smoothly (about the thickness of 1-1.5mm), treat immediately after daub the gum. (Please keep gum in the cold store before use)
3. Conjoint the treatment crystal and the gum closely when shooting.
4. Test two or three shots on the chin or under the earlap, then, observe the reaction. If light red appears on the treatment place within 1-3 minutes after treatment, it is normally. If the distinct red appears, then should reduce the energy appreciably.
5. To the patient with darker skin color (like the people in Indonesia), it is normal to appear light red in 24 hours. Please do not increase the energy easily just because there the no light red appears on the treatment place immediately. Using the parameter when patient feels a little heat and sting.
6. To Melasma treatment, there are maybe pigmentation appears in some people because the over high energy. So please be really careful when on the Melasma treatment.

7. [After treatment care]

Clean up the gum after 10-15 minutes from treatment complete.

Functionally cosmetic (e.g. cosmetic for speckle taking or acne remove...) and spicy food is forbidden within 3days from treatment.

Please use sun block to protect from ultraviolet radiation (especially in Torrid Zone.)

Notice for treatment on hair removal

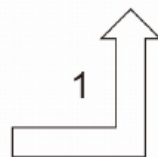
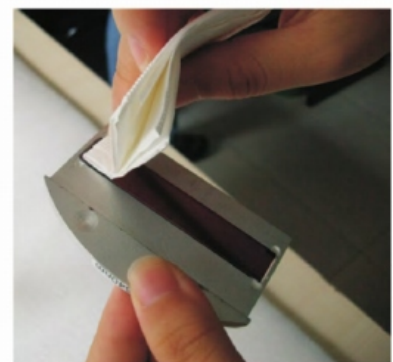
1. Shave the hair off of the treatment place before treating.
2. Daub the gum on the treatment place smoothly (about the thickness of 1.5mm), immediately operate after daub the gum. (Please keep gum in the cold store before use)
3. Conjoint the treatment crystal and the gum closely when shot. (See my picture attached)
4. Test two or three shots, and then observe the reaction. It is normally to find the light red on treatment place or hair root or smell the burnt.
5. When turn up the parameter or the energy, please turn up no larger than 2 joule one time.
6. To the patient with darker skin color (like the people in Indonesia), it is normal to appear light red in 24 hours. Please do not increase the energy easily just because there the no light red appears on the treatment place on the spot.

Notices after treatment

1. People who are pregnant woman, allergic to light can't be treatment by light. The open wound can't be treated by light.
2. Please do remember to escape ultraviolet radiation after treatment and try to use the cool water to wash the treatment place in 7-10days after treatment.
3. The spicy food, coloring (like sauce) food, seafood, beef, mutton, smoking, drinking alcohol is forbidden in 7-10days after treatment.
4. Daub alcohol on the treatment place after treatment is forbidden.
5. Any queries call our costumer service dept.

Maintenance

1. No stress on the Screen, prevent from breaking up
2. 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:



3. The handle is fragile, please take care when pick up and dropt it in the bracket.
4. Every 30 days to change the water. After changing water, please make sure water circulate normally before usage. If the probe continuing be in 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.
5. To keep the powerful energy, we suggest you change the water after 4000 shots.
6. Please check the surface of treatment head if there's attachement object after treatment, if so, please lightly clean it with lens paper or absolute alcoho

adhesion, and if so, be sure to wipe with a clean soft paper dust can not afford a good facial tissue (paper handkerchiefs heart of India), if the rub not clean, then wipe gently dipped in a little ethanol.

Faults and troubleshooting

Fault phenomenon	cause analysis	solution
the machine does not energized	Power is not entered, the instrument is not supplied to the interior, it may be a) Insurance fuse 2) Emergency unreleased 3) Power key does not open	1) Replace the Insurance 2) Emergency release 3) Replace the power key
After boot, handle is not cooling	1) damage to the cooling power 2) is not a core plug contacts 3) semiconductor refrigeration damage 4) tip with air, water does not circulate	Contact factory maintenance
Water leakage	1) Bald internal screw loose 2) head off the mains 3) broken lamp or crystal	Remove the head contact manufacturers maintenance
Light no bright	1) Bald damage 2) on the front panel (controller) damage 3) power supply is damaged	Telephone consultation manufacturers, to determine the damaged parts, repair return
No lighting (no power)	1) Manual switch contact is not good 2) operational errors 3) The controller is broken 4) Power supply is broken 5) the number of tips to use to life has to be replaced or a new tip	Telephone consultation manufacturers, to determine the damaged parts, repair return

Course of treatment, symptoms, effects

Hair removal: a course of 28 days / times 4-6 times 2-3 times had a significant effect ,thick hair: 3 ,valuables hair: 5 (legs: 1.5 hours, arms: 1.5 hours, armpit: 30 minutes)

Symptoms: Redness

Effect: Auto off within a week

Rejuvenation: a course of three weeks / times 4-6 times 2-3 times had a significant effect (face: about 30 minutes)

Symptoms: Reddish

Effect: the skin is delicate, white, fine pores

Preparation: deep cleansing, exfoliation, acne, blackheads

Acne, remove acne 1-2 for 3 weeks / times 4-6 times 2-3 times had a significant effect

Symptoms: redness (cold spray, ice)

Preoperative: Deep Cleansing

Freckle :1-2 courses (such as the severity of the spot to do two courses)

3-4 4-6 times a week

Symptoms: Just finished within 10 minutes after the face, fever, slight tingling sensation, which is the effect of light and radio frequency energy, after the first spot color deepened, slightly red, spot color fades within a week, shedding

Model	SHR RIVA
Warranty	1 year
Certification	CE
Package	Aluminum case
Package Size	77X55X53CM
Gross Weight	35kg
Training	Operation CD & Free online training
Delivery	TNT/DHL/UPS or by sea
Delivery Time	In 5-7 working days after the payment

Specification:

Wavelength (Spectrum)	480nm/530nm/580nm/640nm---950nm wavelength
Energy Density (Fluence)	1-50J/cm ²
Spot Size	15x50mm ² (SHR);12x30mm ² (SR);10×50mm (SR optional)
Pulse Repetition Rate	1-10Hz
Cooling	Continuous Crystal contact cooling (-4°C-2°C) + Air cooling + Closed water circulation cooling
Stand-by Working	Continuously for 18 hours
Display	10.4" True Color LCD Touch Screen
Electrical Requirements	100-240VAC, 20A max., 50/60Hz
Net Weight	28 kg

Advantages compare normal IPL

Parameter	Normal IPL	SHR IPL	Advantages
Work Mode	Multi pulse mode	Single pulse mode	Single pulse mode can emit energy averagely, however, multi-pulse mode focus energy on first pulse, which is very easy to burn Patients.
EDF Technology	Unavailable	Available	Make sure energy output accurate and same with the display all the time, which makes operation easy and safe.
Frequency	0.2-1Hz	1-10Hz	Which accelerate operation speed and short a lot of time fotreatment!
Work technology	Stationary technology	Stationary technology & In-motion technology	Moving IPL can use less time to do treatment on back, leg and arm.

Warranty

1. All products are strictly tested before sale. We can guarantee one-year free repair from the date of purchasing. During the guarantee period, we will repair the machine by free if the malfunction is caused by the quality of our product.

2. The standard of operation and environment should comply with the product specification.

3. Malfunctions caused by the following reasons are out of the scope of our guarantee:

a. Malfunctions caused by abused operation

b. Malfunctions caused by other artificial factors like move or tear down in proper motion, or collision, etc.

c. Energy reduce caused by wet environment and dust

d. Malfunction caused by uncontrollable natural force e. Spare parts and accessories of this machine

