

INCREDIBLE[®]
DEVICES

“ The Most **POWERFUL,**
COMPACT & VERSATILE
IPL in North America ”

SkinBrite Mult-IPL[™]

The **INCREDIBLE SkinBrite Mult-IPL** system
User Manual provides essential guidelines for
safe operation, installation, maintenance and
optimal treatment results.



 HEALTH CANADA LICENCED

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1. Installation Requirements

Authorized Usage Only

The **SkinBrite Mult IPL System** is a state-of-the-art medical spa device designed for advanced skin rejuvenation and hair removal treatments. To ensure optimal performance and safety, proper installation is essential. This includes a stable power supply, adequate ventilation, and a clean, dedicated treatment space. Professional setup guarantees seamless operation and client satisfaction.

Specifications:

- Input Voltage Range: 95-120VAC, 220-250VAC Rated current: 1.8A
- Rated Power: 400VA
- The Number of Handles: **2** pieces
- Operating Temperature: 18-35°C
- Storage Temperature: 0-40°C
- Noise Level: 45dB
- Electric Shock Protection: I Class, BF Type
- Anticorrosive Liquid: Normal










2. Introduction

2.1 Appearance Introduction

The **SkinBrite Mult IPL** System boasts a sleek, modern design that complements any medical spa setting. Its compact yet powerful build features an intuitive touchscreen interface, an ergonomic handpiece, and a durable, high-quality finish. Designed for both functionality and aesthetics, it enhances the treatment experience with style and efficiency.

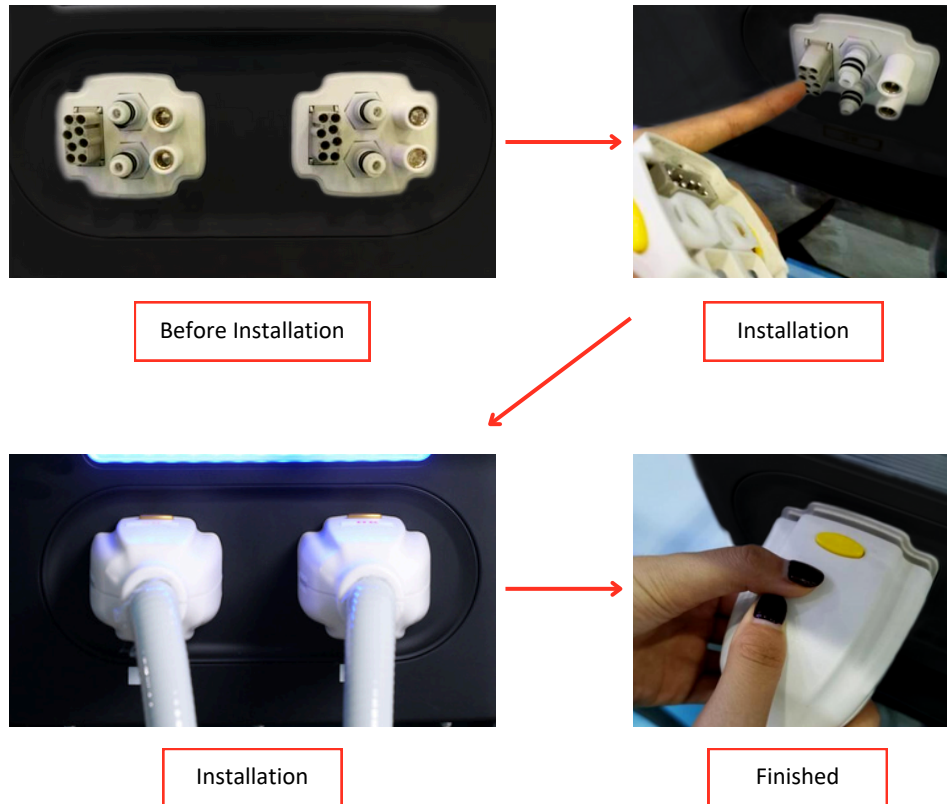


3. Equipment List

Item	Name	Picture	Quantity (Unit)
1	Handle		2
2	Water funnel		1
3	Pedal (reserve)		1
4	Professional protective eye patch		1
5	Professional protective glasses		1
6	Power Cord		1
7	Fuse		2
8	Water connector		2
9	Holder		2

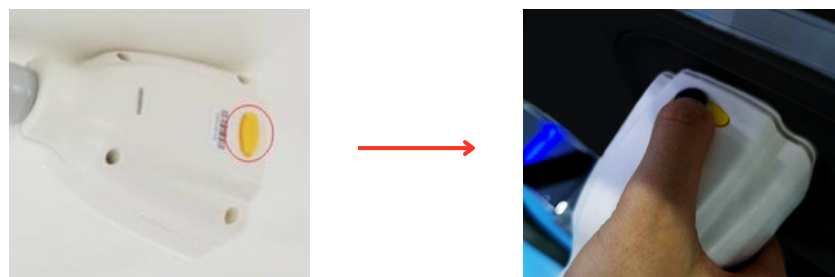
4. Installation Accessories

4.1 Installation Handle Description



4.2 How to Remove the Handle

Press and hold the yellow button on the handle and gently pull it out, as shown in the figure below.



4.3 Water Filling Procedure

When adding water, it is essential to simultaneously unscrew the caps of both the water inlet port and the overflow port. Failure to do so will prevent proper water intake.



Connect the water funnel and input deionized water.

4.4 Water Drain Outlet

Press and hold the yellow button on the handle and gently pull it out, as shown in the figure below.



4.5 How to Install the Handle Holders (As Shown in Photos 1, 2 and 3)



Position the Handle Holder as illustrated in the image and securely fasten the two screws.



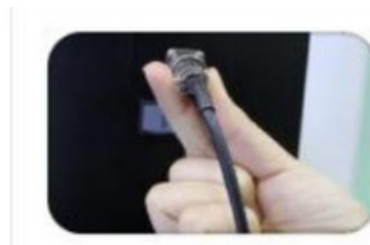
Insert a suitable screwdriver through the two holes and tighten the screws.



Insert the handle into the holder in the direction shown in the image, ensuring that it is securely positioned.

4.6 Install the Power Cord and Foot Switch (As Shown in Photos 1, 2 and 3)

Note: you must make sure that both are fixed.



4.7 Turn on the Air Switch (As Shown in the Photo)

Note: It is always in the “ON” state when working.



4.7.1 Attentions for Installation

The machine can be installed in hospitals or beauty salons.

Installation precautions include:

- Unpack and put the machine in a pre-selected location
- Checkup machine and accessories, make sure no damage, no loss
- Check whether the connection power is well-grounded
- When installing the handle, be sure to install it firmly and that the handle wire connection is stable
- Test whether all functions of the equipment are normal

5. Operation Instruction

5.1 Contradictions for IPL Treatment

1. Superficial metal or other implants in the treatment area.
2. Pregnancy and nursing.
3. Current or history of cancer, current condition of any type of cancer, or pre-malignant moles.
4. Diseases that may be stimulated by light at the wavelengths used, such as a history of Systemic Lupus Erythematosus, Porphyria, and Epilepsy.
5. Patients with a history of diseases stimulated by heat, such as recurrent Herpes Simplex in the treatment area, may be treated only following a prophylactic regimen.
6. Individuals with excessive recent exposure to sunlight.
7. Those hypersensitive to light, medications that induce photosensitivity, or are currently taking such medications.
8. Absence of atypical nevi or malignant pathological changes in the treatment area.
9. Individuals with pacemakers or other electronic medical devices that regulate physiological functions.
10. Presence of herpes simplex virus (HSV) infections or any existing skin trauma.
11. Individuals with a history of persistent acne or inflammatory skin conditions.
12. Those undergoing treatment with anticoagulants such as hirudin (should discontinue use at least two weeks prior to the procedure).
13. Patients with severe diabetes, hypertension, or epilepsy.
14. Poorly controlled endocrine disorders, such as Diabetes or Polycystic Ovary Syndrome.
15. Any active condition in the treatment area, such as sores, Psoriasis, eczema, and rash.
16. History of skin disorders, keloids, abnormal wound healing, and very dry and fragile skin.
17. Use of medications, herbs, food supplements, and vitamins known to induce photosensitivity to light exposure at the wavelengths used, such as Isotretinoin (Accutane) within the last six months, Tetracyclines, or St. John's Wort within the last two weeks.
18. Any surgical procedure in the treatment area within the last three months or before complete healing.
19. Treating over tattoo or permanent makeup.
20. Excessively tanned skin from the sun, tanning beds, or tanning creams within the last two weeks.
21. Vitiligo. (Health Canada & CE)
22. As per the practitioner's discretion, refrain from treating any condition that might make the patient unsafe.

5.2 Exclusion Criteria

1. Actinic keratosis
2. Current or history of cancer and premalignant condition
3. Demyelinating diseases
4. Defibrillator/Pacemaker
5. Uncontrolled disorder of the thyroid gland
6. Epilepsy
7. Fever
8. Infection in the treated area
9. Multiple sclerosis
10. Mental diseases
11. Metal implants near the treated area, excluding dental implants
12. Moles in the treated area
13. Ongoing use of Isotretinoin (e.g. Roaccutane)
14. Pregnancy or IVF procedure
15. Active inflammation and/or infection in the treated area
16. Degenerative neurologic diseases
17. Diseases stimulated by heat (such as recurrent herpes simplex in the treatment area)
18. Varicose veins
19. Skin-related autoimmune diseases
20. Silicone implants and injections in treated area

5.3 Precaution Criteria

1. When treating the face, avoid treating the areas that have undergone facial laser resurfacing and deep chemical peeling within the last month.
2. In the case of Botox injections, natural fillers, and implants in the treatment area, wait one month after the last injection before starting treatment.
3. Tanned skin should not be treated. Instruct patients to avoid tanning throughout the treatment sessions.
4. The operator must wear certified protective eyewear before and during the procedure.
5. Patients must wear designated protective eye shields before and during the procedure.
6. Do not look directly at the visible intense pulsed light (IPL) emission.
7. Protective eyewear does not completely protect against direct laser exposure or laser reflections from glass, mirrors, or polished metal surfaces. Direct observation of laser light is strictly prohibited.

8. The operating room must be free of flammable and explosive substances, including anesthetic agents, volatile liquids, and gases.
9. The operator and the patient must remove watches, necklaces, and other metallic accessories during the procedure.
10. Comprehensive eye protection must be provided for the patient. Inadequate protection may result in ocular injuries such as keratitis, corneal abrasion, or, in severe cases, permanent vision loss.
11. Do not attempt to open the machine's panel, even when it is powered off, as this can expose you to high voltage.
12. Ensure that all screw caps are securely tightened before moving the equipment to maintain stability and prevent operational hazards.

5.4 Treatment Room Warning Signs



6. Setting Up the Device

6.1 Preparation

- a) Place the machine on a flat surface.
- b) Fill the machine with an adequate amount of water, using distilled or purified water as the water source.
- c) Power on the machine and ensure the proper internal water circulation by listening for the sound of water flow.
- d) Waiting for 3-5minutes until the probe cools down.

Note: Operating the machine without proper water circulation or with an overheated probe may result in damage to the handle.

- e) If an external filter is present, ensure it is properly inserted into the designated slot.
- f) Test the machine to confirm it is working properly.

Important: All the above steps must be completed before proceeding with any operation. Failure to do so may result in damage to the handle or the machine.

6.2 Water Temperature System Alarm

The system's minimum allowable water temperature is **15°C**, while the maximum allowable temperature is **55°C**. The machine operates normally within this range (**15°C to 55°C**). If the water temperature falls below **15°C** or exceeds **55°C**, the probe will cease pulse output.

7. Before Treatment

It requires an experienced therapist to use it and also patient cooperation for getting good results.

7.1 For Patients

Achieving optimal hair removal results requires both an experienced therapist and patient cooperation. Certain patient actions can inadvertently reduce the safety and effectiveness of the treatment.

a) Avoid Tanning

Tanning is a significant factor affecting treatment outcomes. It should be avoided for **4–6 weeks** prior to the procedure. Self-tanning creams and sprays must also be completely faded before treatment. During the treatment period, if sun exposure is unavoidable, apply a broad-spectrum sunscreen with **SPF 30 or higher** as a thick layer at least **20 minutes** before exposure.

b) Maintain Hair in the Follicle

The hair should be in the Follicle at the time of treatment. The laser targets the pigment melanin in the hair beneath the skin's surface. To ensure effective treatment, patients must **avoid waxing, tweezing, bleaching, threading, or using depilatory agents** for **at least 4 weeks** before treatment. However, for facial hair, a **2-week** avoidance period is typically sufficient due to its faster growth cycle. If hair removal is necessary during this period, shaving or clipping is recommended, as these methods preserve the hair within the follicle. Some visible hair growth on the day of treatment is generally preferred.

c) Remove Topical Products

Before the procedure, **lotions, creams, makeup, and deodorant** must be removed, as these substances may interfere with or refract the laser light, reducing its effectiveness.

7.2 For Operators

a) Skin Classification

This treatment is **safe and effective** for individuals with **white, brown, or yellow skin tones**.

b) Pre-Treatment Skin Preparation

Ensure the treatment area is **clean and free of perfumes, lotions, or cosmetics**.

c) Documentation

Use a **digital camera** to capture images of the treatment area from different angles for medical records.

d) Anesthesia (If Required)

If necessary, apply an **external anesthetic cream one hour** before the procedure to enhance patient comfort.

e) Hair Preparation

Shave the hair, leaving approximately **1 mm** above the root for optimal laser absorption.

f) Cooling Gel Application

Clean the treatment area and apply a **3 mm** thick layer of cooling gel to the skin before starting the procedure. The cooling gel enhances patient comfort during treatment and facilitates the effective penetration of intense pulsed light into the deeper layers of the skin tissue.



g) Adjust the appropriate treatment parameters (refer to the guidelines below for selecting the correct settings).

h) Tap “**Ready**” to activate the crystal.

i) Press the control button on the handpiece or use the foot pedal to initiate the flashes. To ensure consistent energy output during treatment, direct the first three flashes toward the ground.

j) Initially, place the probe firmly against the skin, then continuously press the handpiece button or foot pedal to begin the treatment.

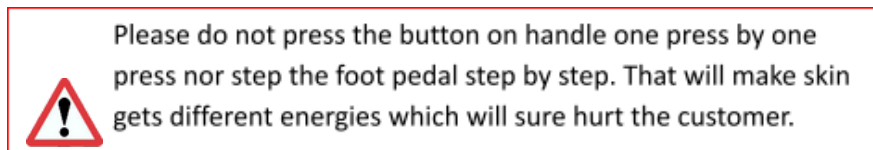
k) Refer to the instructions below for the treatment method.

7.2.1 During Operation

a) Ensure that the patient wears protective eye patches, and the operator is equipped with professional safety glasses, a respirator, and medical gloves.

b) When treating areas with prominent bone structures, such as the forehead, mandible, and cheekbones, reduce the RF energy settings slightly based on the patient's condition.

- c) During treatment, slide the bipolar probe vertically across the skin with balanced pressure, ensuring it maintains proper contact with the skin. Overlapping each shot by **1 cm** enhances the effectiveness of the treatment area.
- d) Gradually increase the energy from low to high in small increments, ensuring no more than three steps are taken at a time to prevent the risk of burns.
- e) Continuously press either of the two buttons on the handpiece or use the foot pedal to maintain symmetrical energy output.



- f) To stop the treatment or switch to a different treatment area, release the button on the handpiece or the foot pedal first to prevent the risk of accidental electric shock.

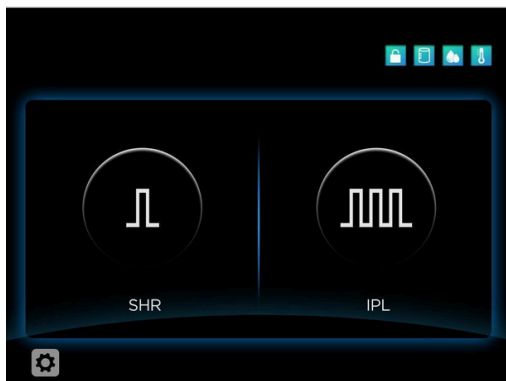
7.2.2 Warm Tips

- Allow the machine to rest after **2-3 hours** of continuous operation to prevent overheating.
- The handle is delicate; handle it with care when holding or placing it on the holder.
- Start the treatment with lower energy settings, then gradually adjust the energy based on the patient's specific conditions.

8. Clinical Treatment

8.1 Welcome Interface

Turn on the machine, enter the logo page, and touch the screen to enter the function selection page.



Interlock Alarm Button: Check machine whether the interlock has put on



Flow Level Alarm: Higher or lower flow level, it cannot work normally. You need to check up enough water input or not. At the first time and turn off machine immediately.



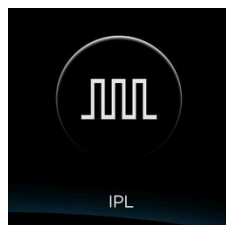
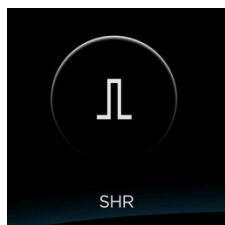
Water Flow Alarm Button



Water Temperature Alarm

Two Working Modes: SHR and IPL work mode, click it and select the working mode you need.

1. **SHR**= Super Hair Removal
2. **IPL**= Traditional IPL Technology



Setting Button

8.2 Setting Interface



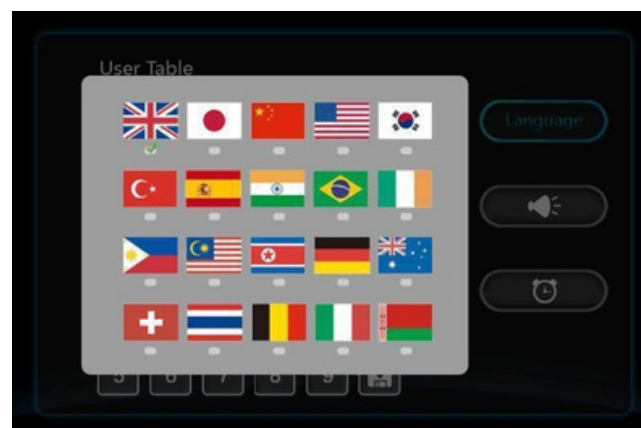
You can choose the languages.



Touch-Tone ON/OFF



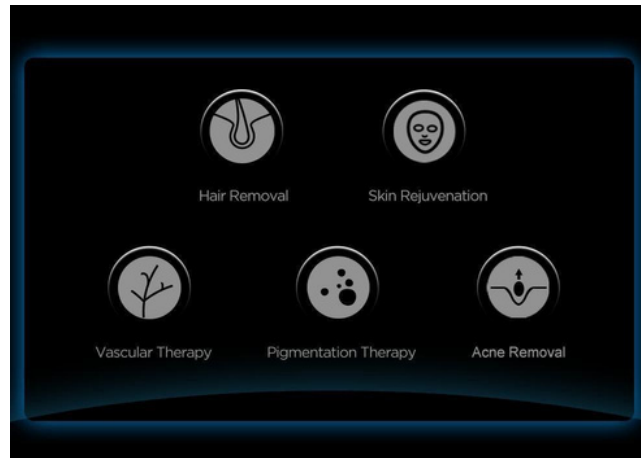
Clock Setting



Method

1. Touch clock button, use number keys to input hours and save
2. Use number keys to input minutes and save
3. Use number keys to input seconds and save

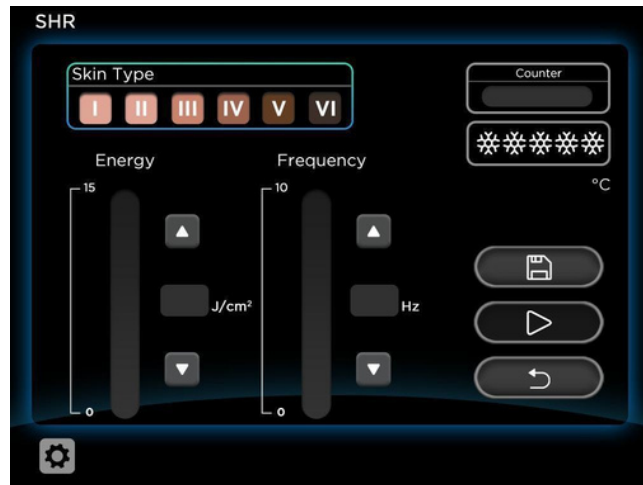
8.3 Main Interface Show



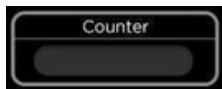
For hair removal, the **HR handpiece** crystal will be light up.

For other functions (skin rejuvenation, vascular therapy, pigmentation therapy, breast lift up), the **SR handpiece** crystal will be light up.

8.3.1 SHR System



Means skin type selection from “I to VI”



Counter: Temporary count for each turns on/off



Cooling level



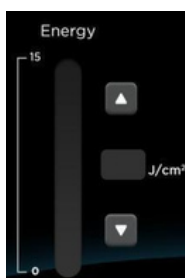
Parameter save button



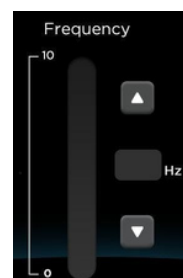
Touch “Ready”, press the control button on handpiece or step the pedal with no release, flashes start.



Return button



Energy, from 0-15 J/cm², touch up & down arrow to adjust the energy.



Frequency, from 0-10 HZ, touch up & down arrow to adjust the frequency.

8.4 SHR Clinical Parameter Suggestion

Setting Function		Energy	Frequency
Hair Removal	I	6J ↑	5Hz ↑
	II	5J ↑	5Hz ↑
	III	4J ↑	4Hz ↑
	IV	3J ↑	4Hz ↑
	V	2J ↑	3Hz ↑
	VI	1J ↑	2Hz ↑
Vascular Therapy	I	6J ↑	5Hz ↑
	II	5J ↑	5Hz ↑
	III	4J ↑	4Hz ↑
	IV	3J ↑	4Hz ↑
	V	2J ↑	3Hz ↑
	VI	1J ↑	2Hz ↑
Skin Rejuvenation	I	6J ↑	5Hz ↑
	II	5J ↑	5Hz ↑
	III	4J ↑	4Hz ↑
	IV	3J ↑	4Hz ↑
	V	2J ↑	3Hz ↑
	VI	1J ↑	2Hz ↑
Pigmentation Therapy	I	6J ↑	5Hz ↑
	II	5J ↑	5Hz ↑
	III	4J ↑	4Hz ↑
	IV	3J ↑	4Hz ↑
	VI	2J ↑	3Hz ↑
Acne Removal	I	1J ↑	2Hz ↑
	II	6J ↑	5Hz ↑
	III	5J ↑	5Hz ↑
	IV	4J ↑	4Hz ↑
	VI	3J ↑	4Hz ↑
	I	2J ↑	3Hz ↑

8.4.1 SHR “In-Motion” Treatment Method

When using SHR for treatment, the probe should be slid multiple times over the skin. The optimal treatment area per pass is **10-15 cm**. If the patient experiences discomfort, increasing the speed of the probe movement will help alleviate the pain. Conversely, if the patient does not feel warmth, slowing the probe movement will enhance the warm sensation.

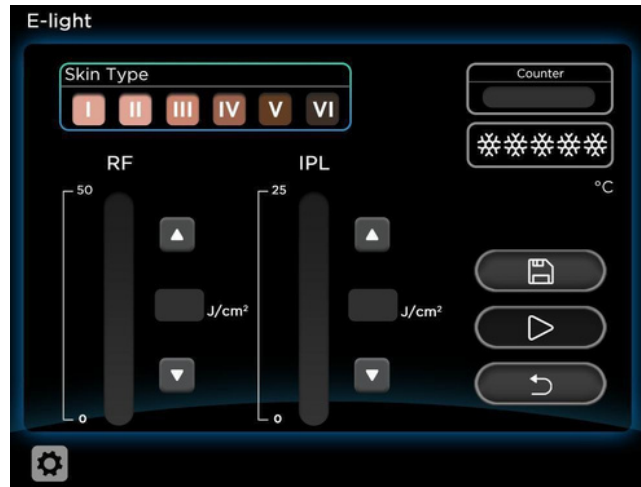
8.4.2 Treatment Sensation

Patients may experience a mild stinging or warm sensation on the skin, but the treatment should remain comfortable and tolerable.

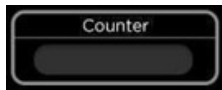
If redness or inflammation occurs in the treated area, it may indicate excessive energy use during the session. In such cases, it is advisable to administer appropriate internal or external anti-inflammatory treatments. If burns or wounds occur, it is recommended to seek immediate medical attention for professional care.

8.5 E-light System

8.5.1 Menu 1



Means skin type selection from “I to VI”



Counter: Temporary count for each turns on/off



Cooling level



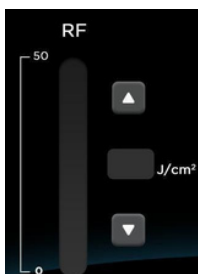
Parameter save button



Touch “Ready”, press the control button on handpiece or step the pedal with no release, flashes start.



Return button



RF, from 0-50 J/cm², touch up & down arrow to adjust the RF.

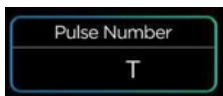


IPL, from 0-25 J/cm², touch up & down arrow to adjust the energy.

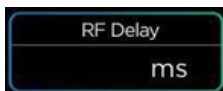
8.5.2 Menu 2



Discharge Interval: It's how long the time interval between two sub-pulses is.



Pulse Number: 1T, single pulse, can't change



RF Delay: 1-500ms, means how long time RF energy lasting on skin. Touch 500, use below number key to input, touch new no. again to save

8.6 E-light Clinical Parameter Suggestion

Setting Function		IPL Energy	RF	Pulse Number	RF delay
Hair Removal	I	7J↑	8J↑	2	100ms
	II	6J↑	8J↑	1	100ms
	III	4J↑	7J↑	1	100ms
	IV	3J↑	7J↑	1	100ms
	V	2J↑	6J↑	1	100ms
	VI	1J↑	5J↑	1	100ms
Vascular Therapy	I	7J↑	8J↑	2	100ms
	II	6J↑	8J↑	1	100ms
	III	4J↑	7J↑	1	100ms
	IV	3J↑	7J↑	1	100ms
	V	2J↑	6J↑	1	100ms
	VI	1J↑	5J↑	1	100ms
Skin rejuvenation	I	7J↑	8J↑	2	100ms
	II	6J↑	8J↑	1	100ms
	III	4J↑	7J↑	1	100ms
	IV	3J↑	7J↑	1	100ms
	V	2J↑	6J↑	1	100ms
	VI	1J↑	5J↑	1	100ms
Pigmentation Therapy	I	7J↑	8J↑	2	100ms
	II	6J↑	8J↑	1	100ms
	III	4J↑	7J↑	1	100ms
	IV	3J↑	7J↑	1	100ms
	V	2J↑	6J↑	1	100ms
Acne Removal	I	7J↑	8J↑	2	100ms
	II	6J↑	8J↑	1	100ms
	III	4J↑	7J↑	1	100ms
	IV	3J↑	7J↑	1	100ms
	V	2J↑	6J↑	1	100ms
	VI	1J↑	5J↑	1	100ms

Correct Energy Feeling: Start from low energy until customer have a little pin pain, then switch to the above-mentioned energies.

8.7 Special Notices

- a) Avoid direct sunlight and sunburn before and after treatment. Use sunscreen (SPF > 30) to protect the skin from sun exposure.
- b) Refrain from chemical or mechanical skin treatments for at least **1 week** before and after the procedure.
- c) Avoid any filler injections or similar treatments **2 weeks** prior to and following the procedure.
- d) For **3 days** after treatment, avoid any direct or indirect heat exposure to the treated area, particularly for areas with high pigmentation.
- e) If you have undergone laser skin treatments prior to this session, wait at least **3 weeks** before proceeding.
- f) After the treatment, patients should avoid consuming dark-colored or strongly flavored foods for **2 weeks**, such as sauces, cola, seafood, and spicy foods (e.g., chili).
- g) Sun exposure is prohibited both before and after the treatment.
- h) Avoid using any cosmetics after treatment; it is recommended to use natural moisturizing products.
- i) If there is any adverse reaction, such as swelling or pain, apply cooling treatments like tumescence and causalgias to the affected area after the procedure.
- j) Ensure the probe is thoroughly cleaned after each use.
- k) The machine should only be operated by trained and professional personnel.

8.7.1 Operation Steps

- a) Skin Cleaning:** Use an anti-sensitive cleansing cream to thoroughly clean the skin.
- b) Skin Shrinking:** Apply soft water followed by a moisturizing lotion to hydrate the skin.
- c) Breast Plumping:** Gently massage breast plumping essential oil onto the breast for **10–15 minutes**.
- d)** Apply a **2–3 mm thick layer** of cooling gel to the treatment area.
- e)** Hold the treatment handle and vertically slide the probe back and forth over the breast, ensuring it stays in close contact with the skin. A warm sensation on the breast typically indicates effective treatment.

8.7.2 Warm Tips

1. The preset parameters are configured to ensure safe and effective treatment. Typically, there is no need to adjust these settings with each patient. Only the skin color, IPL and RF energy levels, and cooling mode need to be set during the procedure. The parameters provided are for reference purposes.
2. Darker skin tones tend to absorb more energy, so extra care should be taken when adjusting the IPL and RF energy levels during treatment.
3. The parameters can be adjusted by an experienced therapist. Generally, the optimal treatment result is achieved when a mild stinging sensation is felt beneath the tissue, which should remain tolerable.
4. When using RF alone, it can be effective for wrinkle reduction and skin rejuvenation. The starting value typically begins at **12** and can be increased based on the patient's condition. The best treatment outcome is typically achieved with a combination of stinging and heat sensations on the skin.

***Above all operation must consider the actual sense of the patients.**

8.7.3 How to Get Appropriate Energy for Each Patient?

1. When setting IPL energy, always start with a lower intensity. For body treatments, begin at **5J**, and for facial treatments, start at **2J**. Gradually increase the energy level step by step until the patient experiences a warm or mild pricking sensation, indicating the appropriate joules for treatment. Based on experience, for a new machine, **15J to 18J** is generally sufficient.
2. For RF energy, start at **8J or 10J** and adjust only when necessary. If the patient is comfortable and can tolerate a higher setting, the energy level can be increased slightly, up to **15J** for enhanced results.

***Clinical settings should be variant because each person has different skin impedance even same skin type. Always do patch test before treatment and get the appropriate settings.**

8.7.4 Attention

During parameter adjustment or setup, do not press the control button on the handpiece or step on the foot pedal until all settings are properly configured. This precaution prevents accidental exposure to intense pulsed light, which could harm the eyes.

Once the settings are finalized, touch **“Ready”** on the LCD display to activate the handpiece. Press the control button on the handpiece or step on the foot pedal to initiate the flashes. To ensure even energy distribution during treatment, direct the first **three flashes** toward the ground.

8.8 Caution

1. Operator and patients both **must wear protection glasses**.
2. **Do not look at the intensive pulsed light directly**, or it may hurt people’s eyes, such as keratitis, cornea brushing off, or even lose sight.
3. Operator and patient are **forbidden to wear watch and necklace** etc.

8.8.1 "Stationary" Treatment Method

During treatment, avoid delivering **2-3 consecutive flashes** in the same area. After each flash, move the probe slightly and overlap the previous flash by **1-2 mm** for the next pulse. Once half of the face or a palm-sized area is treated, repeat the process **two more times** if necessary. Releasing multiple flashes in the same spot continuously may cause burns to the skin.

Treatment Sensation: Patients may experience a mild stinging and warm sensation, which should remain comfortable and tolerable.

If redness or inflammation appears in the treated area, it may indicate excessive energy use. In such cases, internal or external anti-inflammatory treatments should be applied. In the event of burns or wounds, it is strongly recommended to seek **immediate professional medical care**.

8.8.2 When to Stop Treatment?

1. Hair Removal

After treatment, observe whether the hair follicles appear swollen and red. If so, stop the procedure and use tweezers to gently **pull 3-5 hair roots**. If the hairs slide out easily, as if detached from the skin, and the patient experiences no pain, the treatment has been effective. After **15-20 minutes**, remove the cooling gel.

(**Note:** It is not necessary for all hairs to be easily removable with tweezers. As long as **3-5 hairs** can be pulled out effortlessly, the energy is working correctly. Some hairs may be easily removed, while others may remain, which is normal. Within **1-2 weeks**, some hairs will naturally shed, while others will cease growing. However, if there is no visible difference between treated and untreated follicles, the energy settings may be too low, requiring a slight increase and re-treatment of the area.)

2. Skin Rejuvenation & Other Treatments

For skin rejuvenation or other treatment functions, this hair removal test is not required. Simply remove the cooling gel after **15-20 minutes**.

8.9 Post-Treatment Care

- 1. Immediate Effects:** Following the procedure, redness and slight swelling (similar to a mild sunburn) may appear in the treated area. This typically subsides within a few hours and completely disappears within a few days. To minimize discomfort, apply a cold compress or ice pack on the first day. Aloe Vera gel or sunburn cream can also help soothe the skin.
- 2. Sun Protection:** Avoid sun exposure for **several months** post-treatment, as UV exposure may lead to hyperpigmentation or hypopigmentation in the treated area. If sun exposure is unavoidable, apply a **broad-spectrum sunscreen (SPF 30 or higher)** and wear protective clothing.
- 3. Avoid Disrupting the Hair Follicles:** Do not scratch, pick, or use **waxing, tweezing, electrolysis, or depilatory creams** on the treated area, as this may interfere with the hair removal process.
- 4. Makeup Application (For Facial Treatments):** If the treatment was performed on the face, **makeup may be applied immediately** unless there is blistering. To minimize the risk of infection, use **new, clean makeup products** and apply a **moisturizer** underneath to aid in skin recovery.
- 5. Showering & Deodorant Use:** After treatment, you may shower but should use a **mild soap** and **gently pat dry** instead of rubbing the skin. If the underarms were treated, avoid **deodorant for at least 24 hours**—instead, opt for **talcum powder** to reduce irritation.
- 6. Post-Laser Skincare:** Apply **post-laser lotion (if available)** twice daily for **three days** to aid healing.
- 7. Hair Shedding & Growth Cycles:** Within **one-month** post-treatment, treated hairs will gradually shed on their own. Avoid **plucking, shaving, or interfering** with this natural shedding process, as doing so may reduce treatment efficacy.
- 8. Hair Regrowth Between Sessions:** Approximately **30 days** after treatment, some hair regrowth may occur due to the natural hair growth cycle. This is normal and expected, which is why **multiple treatment sessions** are necessary to achieve optimal results.

8.10 Required Sessions

1. Hair Removal 3-5 Sessions Required

Interval 3-4 weeks, because the hair has its own growth period and dormant period, so it's only effective to remove the hair in growth period.

2. Vascular Therapy 3-6 Sessions Required

Interval 3-4 week, because the human metabolism period is 3-4 weeks, the stimulated capillary vessel tissues will be shrinking and steady along with the metabolism.

3. Acne Removal 3-5 Sessions Required

Interval 3-4 week, because the human metabolism period is 3-4 weeks, the stimulated collagen fiber tissues and flexibility fiber tissues will be steady along with the metabolism.

4. Skin Rejuvenation 3-5 Sessions Required

Interval 3-4 week, because the human metabolism period is 3-4 weeks, the stimulated collagen fiber tissues and flexibility fiber tissues will be steady along with the metabolism.

5. Pigment Treatment 3-5 Sessions Required

Interval 3-4 weeks, because the human metabolism period is 3-4 weeks, some decomposed pigment cells are phagocytosed by the lymphocyte, and expel from the body along with the metabolism.

9. Safety Regulations

9.1 Security Introduction

9.2 Operator Training & Safety Measures

1. Authorized Personnel Only: This system should only be operated by individuals who have received proper **training**. All personnel involved, including operators, assistants, and maintenance staff, must thoroughly understand this section before using the device.

2. Safety Considerations: **User safety is the top priority**, and comprehensive safety measures have been integrated into the system's design to ensure secure operation.

3. Automatic Safety Inspection: Upon powering on the device, an **automated safety inspection system** is initiated and remains active throughout the entire treatment process, continuously monitoring for potential risks.

4. Independent Safety Circuit: The system incorporates an **independent safety circuit design**, which **automatically cuts off power** in the event of electrical leakage, ensuring user and patient protection.

5. Emergency Power Shutdown: In case of an emergency, the **red “Emergency” button** can be pressed to immediately **shut down the power supply**, preventing potential hazards.

9.3 Warning

9.3.1 Important Safety Notice for Operation

Please read the following instructions carefully to ensure safe operation of the system:

1. Authorized Personnel Only

- Only **certified technicians** are permitted to inspect or repair the system.
- Unauthorized personnel **must not attempt** to access or modify **internal components**, including the **power supply, cooling system, optical components, or treatment head**.

2. Voltage Compliance

- Ensure that the system's voltage matches the local residential voltage before operation.

3. Maintenance Precautions

- Always **turn off the machine and unplug the power cord** before performing any maintenance.
- Failure to do so may **result in injury or damage to the equipment**.

4. Handling Loose Components

- If the **treatment head** appears loose, **do not power on the machine**.
- If the system is already on, **turn it off immediately** to prevent potential hazards.



Warning

SHR E-light machine can emit high-intensity infrared beam; in order to protect the eyes, the users and patients are requested to wear appropriate safety goggles in accordance with (NOHD) standard.

Pay attention to the following precautions:

- DO NOT point the handle directly to the eyes.
- DO NOT cut off power supply when the machine is working.
- Be sure to get familiar with structures and specifications of the machine before using.

9.4 Electrical and Mechanical Safety

9.4.1 General Safety Precautions:

- Keep all **panels and covers securely closed** to prevent potential hazards.
- The equipment contains **high-voltage components**, and **residual electrical charge** may remain even after the system is powered off.
- **Only authorized technicians** are allowed to open or service the equipment.

9.4.2 Maintenance Guidelines

- Before performing maintenance, unplug the power cord and remove the cover board under direct supervision.
- **Improper handling** during maintenance or transport may result in **personal injury**.
- The machine is **balanced and movable**, but it should be **moved slowly and carefully** to avoid accidents.

9.4.3 Electrical Safety

- The system is equipped with a **three-wire power cord** for proper grounding.
- A **stable and secure ground connection** is essential for **safe operation**.
- The machine is **balanced and movable**, but it should be **moved slowly and carefully** to avoid accidents.

9.5 Fire Prevention Measures

- **Temperature increases** due to light energy absorption, so **flammable materials** must be kept away from the treatment area.
- **Do not use ethanol**, acetone, or any other flammable substances on the skin before treatment.
- If necessary, **clean the area with soap and water instead**.
- When disinfecting the **treatment head or other components** with alcohol, allow it to **fully dry** before proceeding

9.6 Safety Features & Emergency Settings

9.6.1 Key & Power Control

- **Key Switch:** Used to **turn the machine ON/OFF**, provided only by the manufacturer.
- **Emergency Stop Button:**
 - The **red button** is designed to **immediately cut off power** in case of an emergency.
 - To restart, **rotate the button clockwise** to resume normal operation.

9.6.2 Automatic System Inspection

- Upon startup, the system will perform a **self-diagnostic inspection** lasting approximately **1–3 minutes** before transitioning to the next operational stage.

10. Clinic Application

Warning: Please use the device after careful reading of the User Manual before operation!



10.1 Danger

1. Direct contact of the handpiece with the eyes should be avoided to prevent potential ocular injury.
2. Care should be taken to avoid direct viewing of the light source or any reflected light from reflective surfaces.
3. To prevent accidental exposure to emitted or reflected light, all personnel operating the system must wear appropriate protective eyewear.
4. Even at low output levels, inadvertent exposure to the light may cause significant ocular harm; thus, precautions must be taken to avoid eye exposure.
5. Do not exert excessive force when handling the power cord, nor should the power plug be touched with wet hands, as this may present a risk of electrical shock or fire.
6. In the event of lightning, thunderstorms, or seismic activity, immediately discontinue use and disconnect the power supply to mitigate the risk of electrical hazards.
7. The device poses a potential risk of explosion and fire.
8. The device should not be operated in environments containing volatile substances such as anesthetics, alcohol, gasoline, or solvents, as these may present a fire or explosion hazard.
9. It is recommended to utilize non-volatile substances and tools when possible. A fire extinguisher should always be readily accessible near the device.
10. Operation of the device requires a skilled and experienced operator, and successful treatment outcomes depend on patient cooperation.

11. Daily Maintenance

11.1 Preservation Guidelines

- a) Protect from Direct Sunlight:** Ensure the device is shielded from direct sunlight to prevent potential damage or degradation of components.
- b) Post-Treatment Probe Maintenance:** After each use, thoroughly clean the treatment probe. It is recommended to cover the probe with a soft cloth for protection. If the device is to be stored for an extended period, ensure the entire machine is properly covered to prevent dust accumulation, which is critical for maintaining the device's functionality and longevity.
- c) Handle the Treatment Probe with Care:** Exercise caution when handling the treatment probe, as improper handling may compromise its performance or lead to damage. This is a critical aspect of device maintenance.

11.2 Maintenance Guidelines

- a) Storage Conditions:** It is essential to store the device in a clean, dry, and well-ventilated environment to ensure optimal performance and prevent damage from moisture or contaminants.
- b) Authorized Operation:** Only trained and qualified professionals should operate the device. Unauthorized use by untrained individuals may result in improper operation, potential damage, or safety risks.

11.3 Fault Alarm System

The SHR E-light device is equipped with comprehensive protection mechanisms, including monitoring for water flow, water level, and water temperature. In the event of an abnormal condition within the main unit, the system will automatically deactivate the laser power supply and indicate the fault via the touch screen's protection indicator. Under normal operating conditions, the indicator displays a green light; however, in the case of a malfunction, the indicator will turn red. Simultaneously, an audible alarm will sound continuously from the buzzer. Once the system detects that the fault has been resolved, both the alarm screen and the audible alert will cease automatically.

If the same warning screen appears more than three times during a treatment session, it is imperative to contact the after-sales maintenance team for further assistance.

11.4 Pre-Service Trouble Shooting

11.4.1 Safety Interlock Switch Alarm

- Verify if the device's outer shell is open or improperly secured.
- Check if the remote interlock is in an open circuit state.

11.4.2 Water Flow Alarm

- Inspect the water tank to ensure it is adequately filled.
- Examine the water pipes and radiator for potential leaks or blockages.

11.4.3 Water Level Alarm

- Abnormal water levels (either too high or too low) can disrupt normal operation.
- Immediately check if the water level is sufficient and power off the device if irregularities are detected.

11.4.4 Water Temperature Alarm

- Restart the device after a complete shutdown or allow it to cool down by ceasing flash emissions for a period of time.

If none of the above conditions are identified as the cause of the alarm, please contact the after-sales maintenance team for further assistance.

12. Fuse Inspection and Replacement Procedure

12.1 Power Down the Device

- Ensure all power switches are turned off and disconnect the power cord from the electrical outlet.

12.2 Access the Fuse Housing

- Using a small flat-head screwdriver, carefully rotate the protective tube casing counterclockwise to remove it.
- Extract the fuse from its protective sheath.

12.3 Fuse Replacement

- Replace the fuse only with the manufacturer-specified standard type (Fuse specifications: 10A/250VAC).
- Insert the new fuse into the protective sheath and securely reattach the sheath by rotating it clockwise.

12.4 Reconnect and Test

- Reinsert the power cord into the device and restore power.
- Turn on the power switch and key switch, then verify that the device is functioning correctly.

Note: Use only manufacturer-approved fuses to ensure compliance with safety and performance standards.

13. Main Unit Maintenance Guidelines

13.1 Protective Cover Usage

- When the equipment is not in use for an extended period, cover it with a protective shield. This prevents contaminants such as dust and water vapor from entering the main unit, which could reduce laser output energy and impair normal operation.

13.2 Installation Environment

- The equipment must be installed in a clean, dry, and dust-free environment.
- Maintain the ambient temperature within the range of 4–40 °C.
- Avoid exposing the main unit to direct sunlight to prevent aging of the casing and internal components.
- Ensure the equipment is placed in a dry, well-ventilated area free from corrosive gases.

13.3 Cold Climate Precautions

- In regions where temperatures may fall below 0 °C, drain the cooling water from the main unit during transportation or prolonged periods of inactivity. This prevents freezing and expansion of the liquid, which could damage internal components.
- It is recommended that the draining procedure be performed by qualified professionals from the manufacturer or by directly contacting the manufacturer for assistance.

By following these guidelines, the equipment's performance and lifespan can be effectively preserved.

14. Handle Maintenance Guidelines

The handles are composed of precision optical components and require careful handling to maintain their functionality. Adhere to the following maintenance procedures:

14.1 Prevention of Physical Damage

- Avoid dropping or subjecting the handles to blunt force impacts.
- Do not collide with or arbitrarily activate the laser handles, as this may cause the laser module to malfunction and fail to emit light properly.

14.2 Optical Surface Maintenance

- The cleanliness of the end plane of the light guide crystal is critical for optimal laser output. Inspect and clean this surface thoroughly before each use.

14.3 Transmission System Care

- When using the handle transmission system, avoid extreme bending of the components to prevent damage to the internal optical and mechanical systems.

By following these guidelines, the integrity and performance of the handles can be preserved, ensuring consistent and reliable operation.

15. Cooling System Maintenance

Regularly inspect the cooling system to ensure its proper functioning. Follow these guidelines to maintain optimal performance:

1. Cooling Fan Operation:

- Verify that the cooling fan operates normally. A malfunctioning cooling fan or cooling module disrupts the heat exchange process with the external environment, leading to heat accumulation within the device. This can result in laser malfunction or even damage to the hair removal machine.

2. Routine Inspection:

- During maintenance, personnel should check the water tank's storage volume and water quality, as well as the appliance's refrigerating capacity.
- If any irregularities are detected, promptly add or replace the cooling water to ensure efficient heat dissipation.

By adhering to these procedures, the cooling system's reliability and the device's overall performance can be maintained.



The cooling water used for the hair removal machine must be deionized water (PH value of water 5.5-8, hydronium water resistance: 5MΩ/cm²).

Change new water every 2-3 months.