

Home Use 808nm Diode Laser

USER MANUAL



Welcome

to your **Home Use 808nm Diode Laser**



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REJUVA FRESH



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TABLE OF CONTENTS

PREFACE	1
I. PRODUCT INFORMATION & SPECIFICATION	2-3
II. PRODUCT APPEARANCE	4
III. WARNINGS	5-6
IV. RECOMMENDATIONS	7
V. MACHINE OPERATION	
V.1 Machine Assembly	8
V.2 Software Operation	9
V.3 Treatment Process	10
VI. MACHINE PARAMETER SETTING	11
VII. PRE AND POST TREATMENT CARE	12
VIII. FREQUENTLY ASKED QUESTIONS	13-14
IX. MAINTENANCE	15

PREFACE

Thank you for choosing REJUVA FRESH Home Use 808nm Diode Laser. This powerful & elegant 808nm diode laser machine, enables you to achieve 100% permanent hair removal in just 4-8 sessions.

It's FDA approved and convenient for use in your professional spa or from the comfort of your home.

REJUVA FRESH Home Use 808nm Diode Laser has 8 intensity gears that allow great results on all areas of the body (including face, arms, armpits, chest, back, bikini, legs, etc.). It has a unique and fashionable style and long lasting with 10 million shots!

Please read this User Manual carefully in order to use the machine properly and to protect the machine from unnecessary damages.

Should you encounter any issues during operation of the machine or any related questions, you can contact us at our website: rejuvafresh.com or email us at hello@rejuvafresh.com

I. PRODUCT INFORMATION & SPECIFICATION

I.1 Product Information

As the laser penetrates the skin to the hair follicle, the hair follicle stem cells break down and this coagulation necrosis results in hair falling off naturally. Thus, achieving the effect of permanent hair removal.

808nm wavelength causes temperature to rise sharply, destroying the hair follicle and its surrounding tissues, thereby destroying the hair growth center on which the hair grows. At the same time, in the operation process, the system realizes the unique dynamic cooling of sapphire. The technology can cool the skin in a short time, ensure that the skin will not be burned, and achieve the painless, fast and long-term hair removal effect.

I.2 Product Specification

Machine Power Output	500 W
Laser Power	300 W
Input Voltage	110 V/ 220 V Voltage selected according to your region
Energy density	8~40 j/CM ²
Frequency	0.6-4Hz
Working temperature	15°C ~ 35°C
Skin cooling temperature	-0°C ~ 3°C (by cooled Sapphire)
Screen size	4.3 in
Machine size	41.5 x 32.5 x 24.5 cm

I. PRODUCT INFORMATION & SPECIFICATION

I.3 List of Accessories

Item	Quantity	Image
Body	1	
Key	1	
Water Pipe	1	
Water Funnel	1	
Operator Protective Glasses	1	
Power Connection Cable	1	

II. PRODUCT APPEARANCE

BACK



FRONT



III. WARNINGS



The user should add water after receiving the machine.
Make sure the tank is filled with **DISTILLED WATER**.
MINERAL OR TAP WATER IS PROHIBITED.
The water inside the machine must be changed weekly.



It is not recommended to use if there is a history of keloid, allergies, and scarring. It is also not recommended if suffering from hepatitis, syphilis, skin infection, open wounds, infected wounds, skin diseases, and epilepsy.



DO NOT point directly into the eye the laser light or look at it directly as it is dangerous.



During treatment, the operator must wear protective goggles to protect the operator from direct exposure to the eye.



Only the people who are professionally trained can use the device.

III. WARNINGS



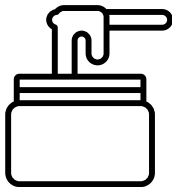
DO NOT use if with infectious disease.



DO NOT use if there are heart conditions (such as with arrhythmias) especially those with pacemakers.



DO NOT use if pregnant, menstruating, or conceiving.



Not recommended for those who had used other methods (such as wax removal) for the past 6 weeks.



Not recommended for those who have recently received sun exposure such as sun bathing.

IV. RECOMMENDATIONS

1. During treatment, if it is painful, stop and check whether the patients' skin has changed. Adjust to the energy that a patient can tolerate.

2. Skin color is very important. For white to light color, the power can be adjusted to 80~100% to achieve good results. For light color to brown, the power can be lowered (an example is 30~60%).

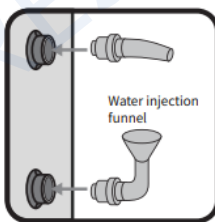
3. Before treatment, the skin hair must be shaved off. Frequency can be raised to protect the skin from burns. For dark skin, extend the treatment time to expose enough energy into the skin and hair follicles.

V. MACHINE OPERATION

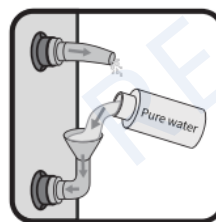
V.1 Machine Assembly

Machine Assembly

◆ Instrument water injection



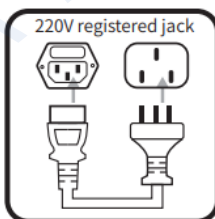
1. Take out the water injection funnel and connect it to the water injection hole on the back of the instrument.



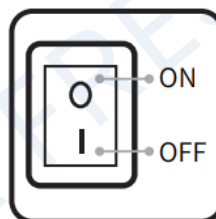
2. Inject pure water or distilled water until there is water flowing out of the overflow port.

Note: Be sure to use pure water or distilled water. Do not use tap water or other water.

◆ Power on operation



1. Connect the power line



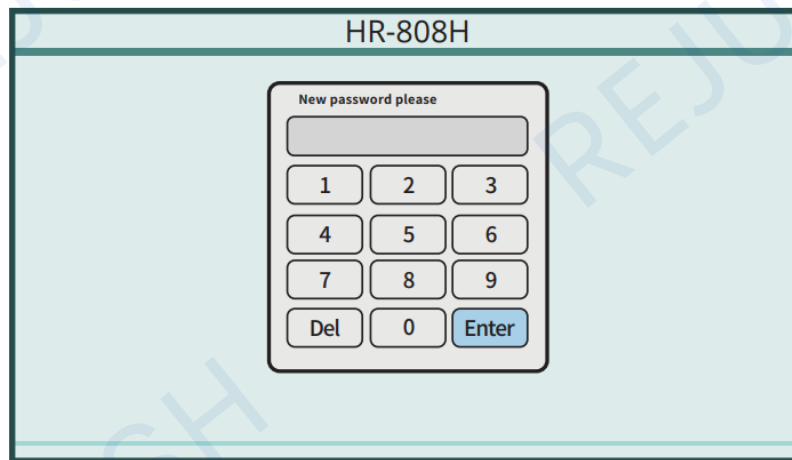
2. Open the power line

V. MACHINE OPERATION

V.2 Software Operation

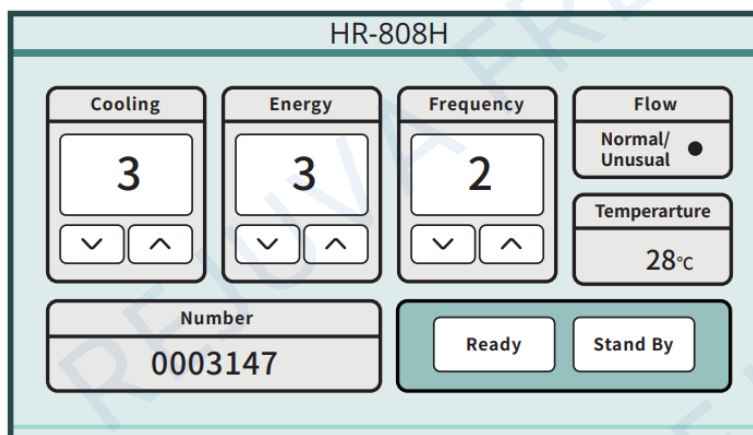
Software Operation

◆ Boot interface: boot interface



- Click to enter the password and press enter to enter the next corresponding interface.

◆ Enter the corresponding operation interface, as shown in the figure:



- Refrigeration: adjust the cooling intensity to ensure that the skin will not be burned.
- Energy: adjust the laser energy intensity, unique long pulse width laser.
- Frequency: adjust the frequency, stable and safe output energy.
- Flow state: the water circulation state of the handle.
- Water temperature state: the water circulation temperature state of the handle.
- The number of times of light: how many times does the energy give out.

V. MACHINE OPERATION

V.3 Treatment Process



1 Shaving

Before operation, a shaving process should be carried out, and the hair should be kept 1-2mm to facilitate the absorption of light by the hair.



2 Apply cold gel

Apply a little cold gel on the operation area. The thickness of the coin should not be too thick, otherwise the effect will be affected.



3 Adjust operating parameters

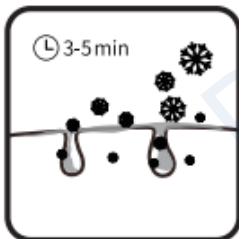
According to the guest's skin color, hair thickness and depilation position, select the corresponding operation parameters, and adjust them according to the customer's feeling.

Recommended to start in low Energy



4 The operation process

Fit the skin, avoid light leakage, and slowly slide the handle probe for operation.



5 Skin cooling

After operation, cool the operating part for 3-5 minutes.



6 Clean the skin

Remove gel, apply moisturizing products or body lotion.

VI. TREATMENT TIME

Treatment Time Reference	
Part	Treatment Time (mins.)
Leg	15
Arms	10
Armpit	7
Lip Hair	1~2

VII. PRE AND POST TREATMENT CARE

Pre- Treatment

1. Clean the treatment site. Take photos before surgery. Shave the hair if it is long but leave a little hair root, DO NOT completely shave it.
2. According to the treatment area, select appropriate parameters according to the color and skin condition of the customer.
3. Select the corresponding skin color on the software interface. Then select the energy parameter according to the customer's pain and hair thickness. Apply a gel at the treatment site and operate with a sliding method;
4. Check the final outcome: smell if the hair is burnt, check if the the hair is rolled-up, or part of the hair roots are reddish.
5. After the treatment is completed, continue to **Post-Treatment Care**.

Post-Treatment Care

1. After hair removal, do not use body scrub, alcohol, and anti-perspirant. Use warm water when taking a bath. Do not use hot water on the area where hair is removed.
2. DO NOT go to sauna or swim in the swimming pool or beach within one week after hair removal.
3. DO NOT use cosmetics and skin care products containing fruit acid after depilation.
4. The depilated area may produce slight redness and swelling, sensitive skin, hot or itchy sensation. Ice compress can be used to alleviate the pain.
5. Avoid sunshine as much as possible and use sunscreen when you go out.
6. Pay attention to the cleanliness and dryness of the depilation area. Do NOT wear clothes that are not clean or too tight to ensure that they are dry and breathable.
7. Pay attention to diet, prohibit smoking and alcohol, and do not eat spicy stimulating foods. Increase intake of Vitamin C.

VIII. FREQUENTLY ASKED QUESTIONS

1. Is it effective if I use it only once?

Laser hair removal usually takes three to six times to get rid of hair. The reason for this are:

- The hair follicles are mostly bundled together in three groups and open to the same pore. One hair in the pore is the hair growing from one of the three follicles under it. Therefore, one treatment can only destroy one hair follicle in one group.
- Hair growth needs to go through growth period, regression period, and rest period. Laser hair removal is effective in 75% of the growing hair, 25% of the regression period, and the rest period is almost ineffective.

2. Does it affect perspiration after depilation?

Perspiration is mainly caused by small sweat glands and these are not in the hair follicles. At the same time, laser hair removal is to remove hair follicles and not harm sweat glands, so it does not affect human metabolism and perspiration.

3. Is the hair removal effect permanent?

The current laser or glare therapy device has the function of permanent hair removal. Many people will misunderstand that the hair is not long after treatment, in fact, this permanent is not truly permanent. The US Food and Drug Administration's understanding of permanent hair removal is that the hair does not grow during a hair growth cycle after laser or intense light treatment. In general, hair clearance after treatment with multiple lasers or intense light can reach 90%. Its efficacy is affected by many factors.

4. Is there any damage to the skin caused by depilation?

The skin of the human body is a relatively light-transmissive structure. The clinical and beauty experts found that when exposed to a powerful laser, the skin is simply a transparent cellophane and laser can penetrate the skin smoothly and through the hair follicles. The melanin can preferentially absorb a large amount of laser energy and eventually convert it into heat energy that results to the temperature of the hair follicle to rise, thereby destroying the hair follicle. In this process, since the skin does not absorb laser energy relatively, or absorbs a small amount of laser energy, the skin itself will not be damaged.

VIII. FREQUENTLY ASKED QUESTIONS

5. Will the hair get blacker and darker?

The hair remaining after treatment with laser or intense light becomes finer and the color becomes lighter. Shaving, plucking, hair removal cream, wax paper hair removal, etc., people who use these methods for a long time will gradually make the hair thicker, harder, and darker.

6. Is the hair removal effect the same for everyone and all parts?

The number of hair removals depends on the location, the color and thickness of the hair, and the type of skin. Generally, the whiter the skin color, the darker and stronger the hair, the better the reaction, and the better the hair removal effect.

7. Can you sunbathe immediately after hair removal?

After the hair removal, the skin surface protection function will be reduced, and it is easy to be sensitive. Avoid further irritating the skin, so it is not advisable to sunbathe immediately.

IX. MAINTENANCE

XI.1 Daily Inspection

- a. Check water level. Change the water monthly.
- b. The temperature where the machine must be operated should be lower than 28 degrees C but not lower than 0 degree C, otherwise, ice will form and destroy the water pipe and handle of the instrument.
- c. Clean the cold gel on the handle to ensure that there is no dust on the light spot of the handle.

XI.2 Cleaning

- a. Perform regular cleaning to ensure sanitation and proper function
- b. The outside body of the machine can be cleaned using a soft damp cloth
- c. Clean only when the machine is unplugged or disconnected from the power source.



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