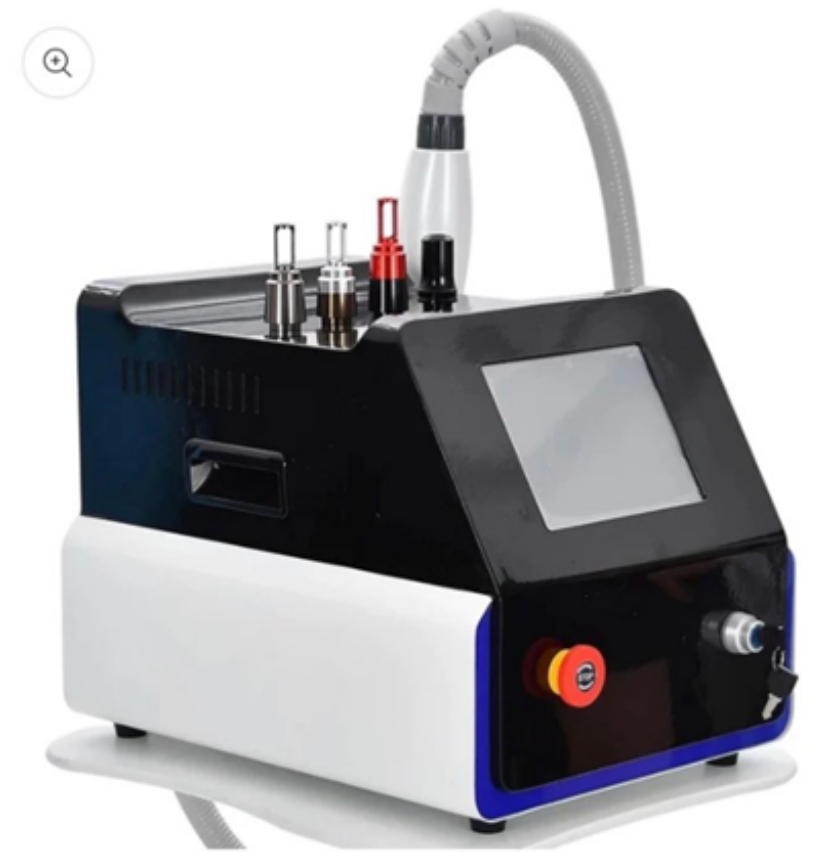


Pico Laser Tattoo Removal Machine

USER MANUAL



Welcome

to your **Pico Laser Tattoo Removal Machine**



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PREFACE

Thank you for choosing REJUVA FRESH Pico Laser Tattoo Removal Machine. With this machine, you'll enjoy fast removal of tattoos. At the same time, comfort and tranquility are maintained

Picosecond lasers can shatter melanin more effectively than traditional lasers and use a high level of precision, making them one of the safest and most effective options for tattoo removal as well as treatment of various skin problems, including skin pigmentation removal and acne scar removal.

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 laser light is passed over the tattooed skin, the picolaser targets the tattoo ink exclusively, microscopically shattering the ink pigment into tiny particles, which are then easily processed and eliminated by the body.

This machine uses four wavelengths to increase effectiveness. These wavelengths will then be discussed here in the manual.

I.2 Product Specification

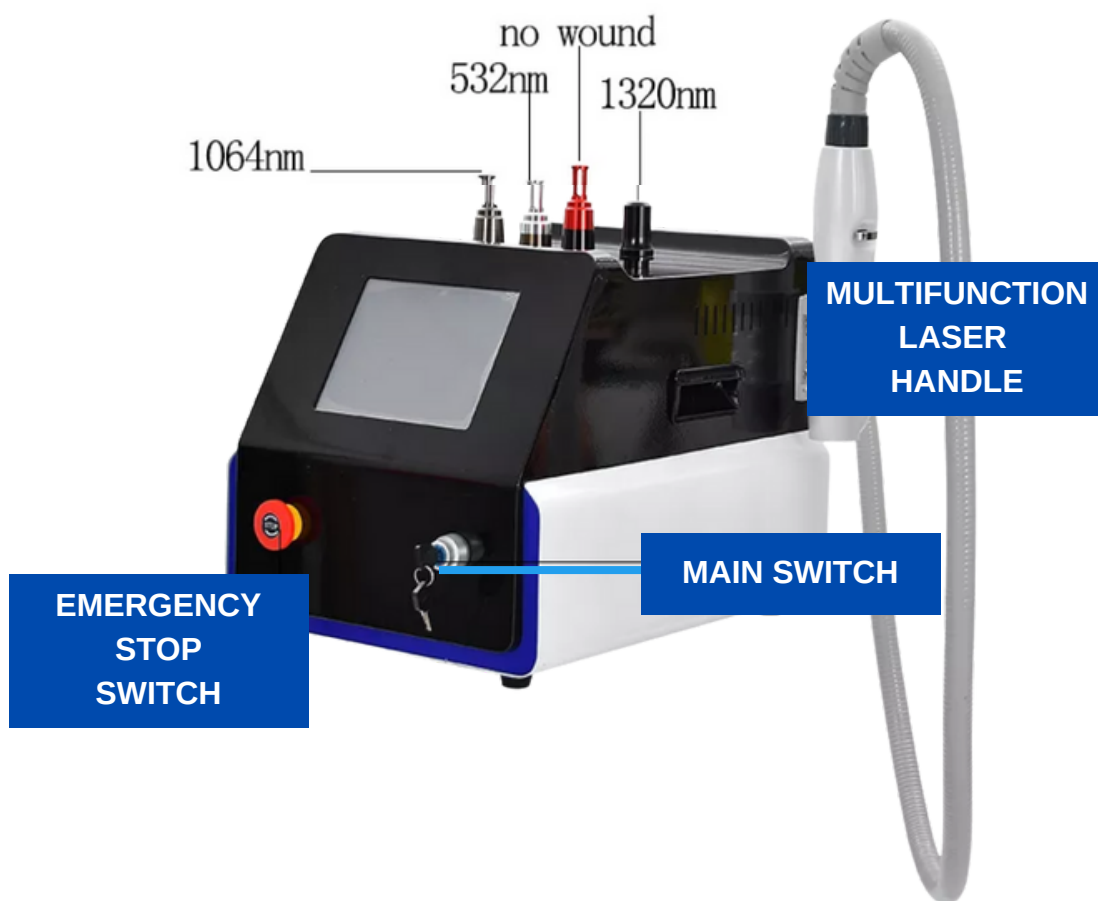
Maximum Power Output	2000 W
Input Voltage	110 V/ 220 V Voltage selected according to your region
Laser Wavelength	532nm Laser 1064nm Laser 755nm Laser 1320nm Laser
Laser Rod	Φ5
Frequency of Laser Handle	1 ~ 10 Hz
Energy	1 ~ 2000 MJ
Transport Package	Air Box

I. PRODUCT INFORMATION & SPECIFICATION

I.3 List of Accessories

No.	Item	Qty
1	Body	1 Set
2	Laser Treatment Handle	1
3	Laser Head	4
4	Funnel	1
5	Operator Protective Glasses	1
6	Power Cable	1
7	Foot Switch	1
8	Plastic Hose	1
9	Treated Subjects Goggles	1
10	Manual	1 Copy

II. PRODUCT APPEARANCE



III. WARNINGS



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



Only the person receiving treatment is allowed inside the treatment room.



During treatment, the operator must wear protective glasses, the person being treated must wear safety goggles



During treatment, avoid using flammable substances, such as acetone and alcohol

IV. RECOMMENDATIONS

1. The laser head should not stay on for too long during treatment

2. When using the 1064nm laser head, if the skin layer is thin, purpura may occur. If this appears, resume treatment after 10 minutes

3. When using the 1064nm laser head, there may be hair loss on the treated area. New hair will grow back after 2 weeks

4. After treatment, if necessary, take aspirin or antibiotics if the doctor advised

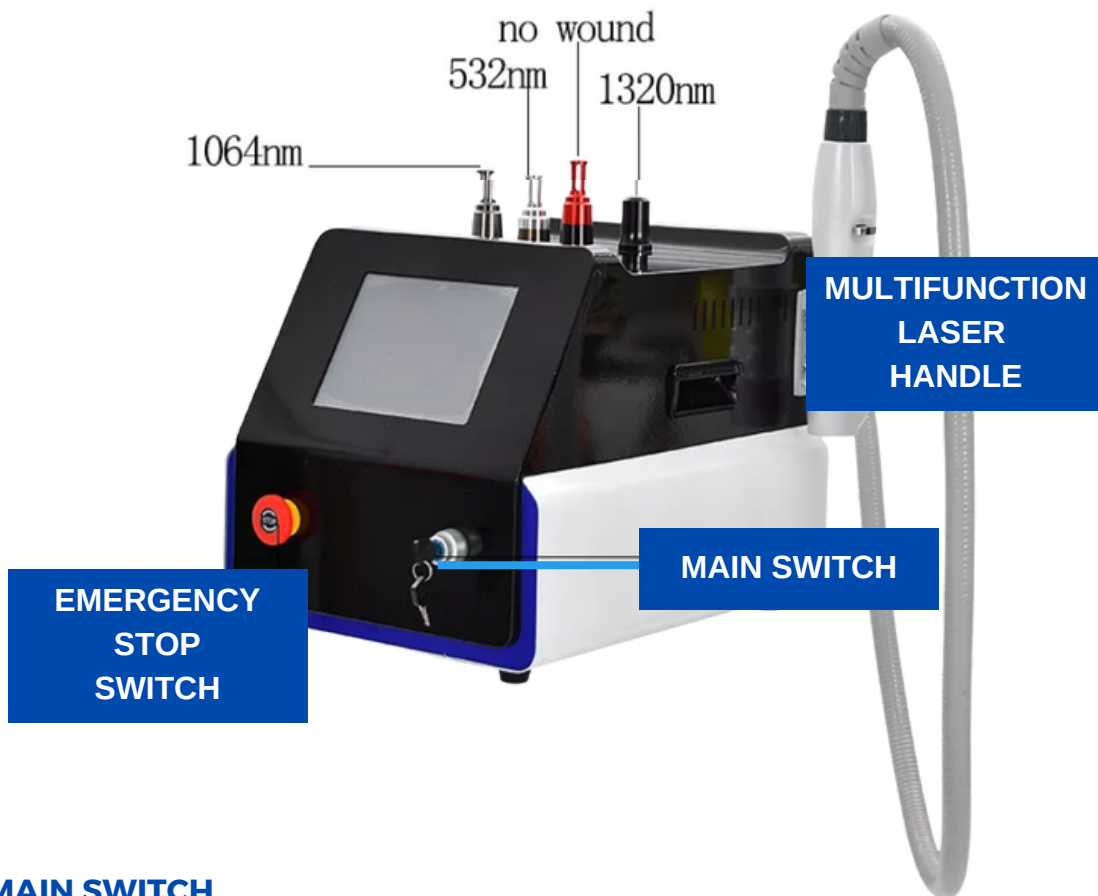
IV. RECOMMENDATIONS

5. 72 hours after treatment, apply erythromycin or ointment on the treated parts

6. After treatment, within one week, avoid eating spicy food, dark colored foods, and wine is not allowed

7. During treatment, the laser energy is weakest when the laser head contacts the skin. The laser energy is at its strongest when the laser head's distance to skin is 4-6 cm.

V. MACHINE OPERATION SWITCH



MAIN SWITCH

Use this to start the machine. Make sure that the machine is connected to the power supply.

EMERGENCY STOP SWITCH

When there is an emergency during operation of the machine, you can use this switch to stop treatment.

FOOT SWITCH

When you press the foot switch, the machine starts. Lift up your foot on the foot switch and the machine stops.

VI. MULTIFUNCTION LASER HEAD



1064nm Laser

- 1064 nm laser is mainly used on the skin to get rid of blue, black pigmentation.
- The laser head of the 1064nm wavelength laser treatment handle is circular,



532nm Laser

- 532 nm laser is mainly used to get rid of the skin: red, brown pigmentation.
- The laser head of the 532nm wavelength laser treatment handle is square.

VII. WATER INJECTION AND WATER CYCLE DEBUGGING TEST

WARNING!



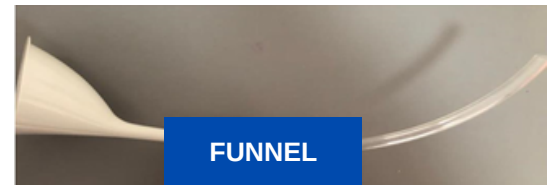
Before you start the machine, you need to check the water injection level.

The water level should be above the blue lid. If the water level is below the blue lid, you must refill with distilled water.

EVERY 1-2 MONTHS CHANGE THE WATER INSIDE THE DEVICE.



This is the water hole where you put water using the funnel.



Used for draining used water

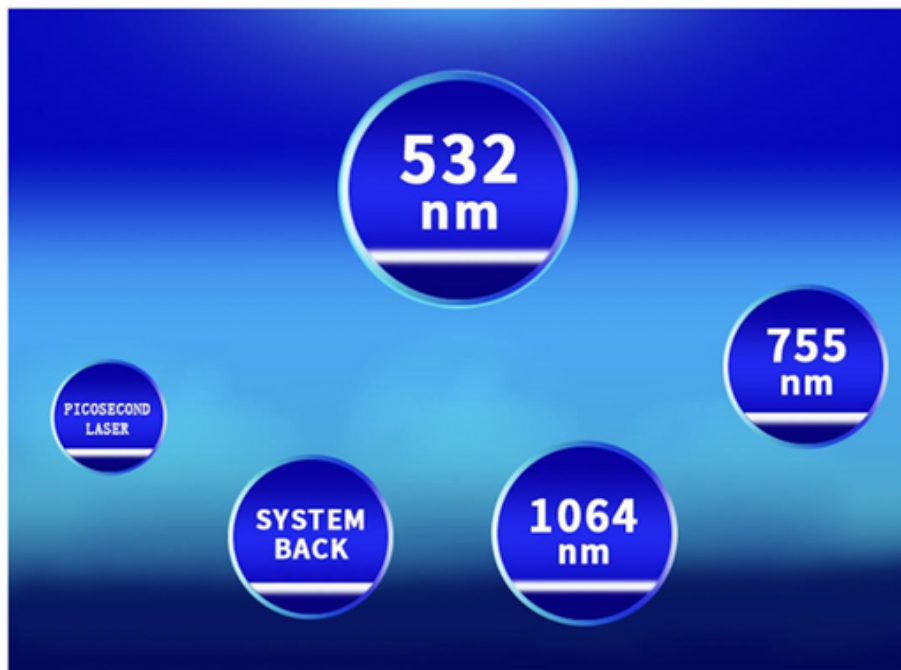
Used for draining used water

After the machine water injection is finished:

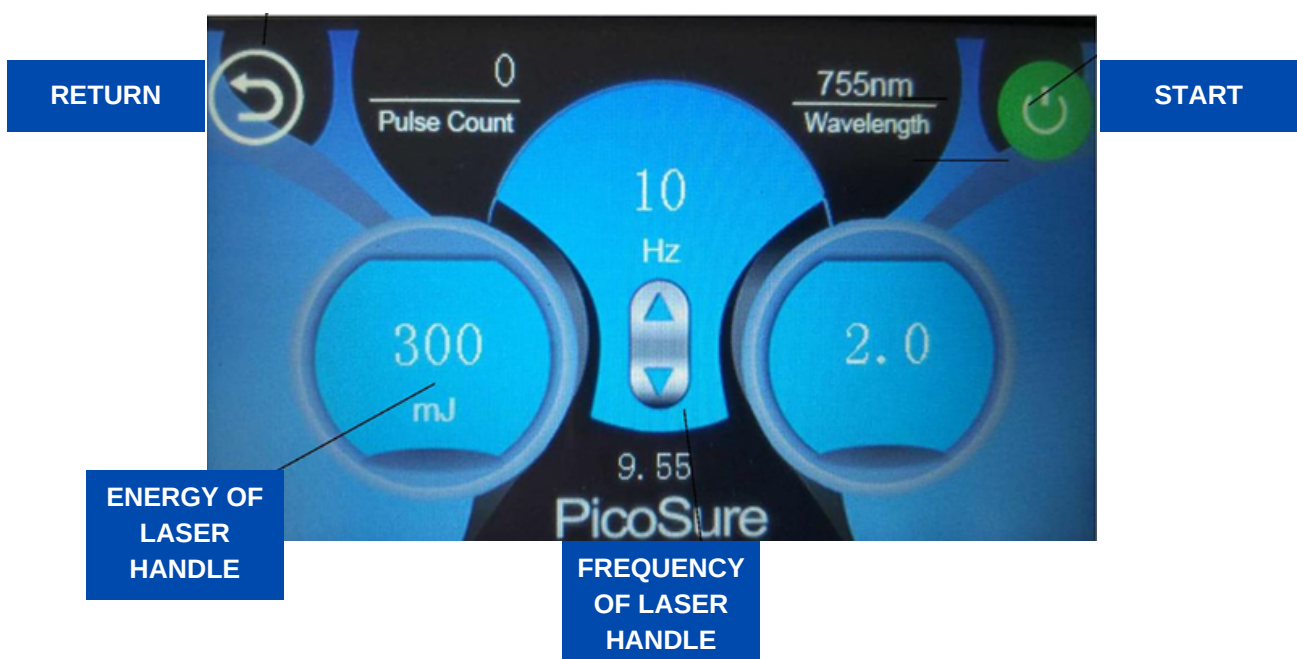
1. Connect the foot pedal on the machine and plug the machine on the socket.
2. Start WATER CYCLE DEBUGGING TEST. There must be no water leaks and alarm to prove that the debugging is working well.
3. Let the machine run for 1 minute then turn OFF.

VIII. SOFTWARE OPERATION

VIII.1 Interface



1. Once you switch on the machine, this interface appears after the "Welcome" screen.



2. Adjust the FREQUENCY using the arrow up and down button. The ENERGY OF LASER HANDLE button can be adjusted using the left and right button. Press START to start the treatment.

To determine the best FREQUENCY OF LASER HANDLE and ENERGY OF LASER HANDLE, refer to page 16-17

VIII. SOFTWARE OPERATION

VIII.2 Interface Symbols



Icon

It indicates the current temperature of the water circulating system, if the current temperature exceeds the temperature set in the background temperature of the protected item, this icon flashes while an alarm sounds. At this point all the buttons on the screen are not available.



Icon

It indicates water circulating system works well;



Icon

It indicates water circulating system is abnormal; When system water flow blockage or no water, this icon will be displayed alternately at the same time an alarm sounds. At this point all the buttons on the screen are not available.



Icon

It indicates bulb lit. When the bulb is lit, the machine enters the state of charge. If after 5 seconds and the bulb is not lit, return to standby.




Icon

It indicates bulb is not lit



Icon

It indicates charging is successful;  It indicates charging is not successful. The machine needs to be charged for it to function properly. If charging does not succeed in five seconds, then return to standby.



Icon

indicates that the laser is starting

IX. MACHINE OPERATION

IX.1 Before/After/During Use

1. According to the actual situation of the person being treated, select the appropriate treatment area. Choose the laser head and clean the skin being treated with a mild cleanser.
2. Select the set parameters. After finishing the setting, click the trigger button. Make the device into the ready state;
3. Put down the handle trigger button then start treatment.
4. During the treatment process, the operator should observe the person being treated for any adverse effects. If necessary, adjust the parameters according to the actual situation
5. After the treatment, turn OFF the power switch and use a warm towel to clean the laser head. Use a disinfectant cotton ball to disinfect the laser head.
6. When the treatment is finished, make sure to unplug the machine.

IX. MACHINE OPERATION

IX.2 Treatment for every Skin Type

Treatment Area	First Treatment Time/ Day	Second Treatment Interval/ Day	Remarks
Eyebrow tattoo	1~3	30~45	Protect eyes during treatment
Eyeliner tattoo	1~3	45~60	Protect eyes during treatment
Traumatic tattoo	1~3	30~45	Select 532nm
Tattoo remove	1~4	30~45	ooze blood when treatment effect is good
Removal of Age Spots	1~4	30~45	ooze blood when treatment effect is good
Removal of birthmarks	3~7	30~45	ooze blood when treatment effect is good

IX. MACHINE OPERATION

IX.2 Tattoo Removal Treatment Guide for various Skin Type and Tattoo Color

Skin types	Natural Skin Color	Anticipated (Temporary) Side effect of Treatment	Color/features of Side Effect
I	White skin	Light damage	Brown
II	White skin	Light damage	Sometimes brown
III	White skin	Sometimes light damage	Brown spots
IV	Brown skin	No light damage	Brown spots
V	Black skin	No light damage	Brown spots

IX. MACHINE OPERATION

IX.2 Tattoo Removal Treatment Guide for various Skin Type and Tattoo Color

Skin types	Tattoo Color	Times	Interval / Month	Laser Head	ENERGY OF LASER HANDLE (mJ)	FREQUENCY OF LASER HANDLE (Hz)
I, II, III, IV	Black, Blue eyebrow	1~2	1~2	1064	600 ~700	3~6
	Red, Brown eyebrow	1~3	2~3	532		3~6
	Black, Blue eyelines	1~2	1~2	1064		1~4
	Black, Blue tattoo	1~3	2~3	1064		4~6
	Other tattoo color	3~5	2~3	1064/532		4~6
	Melanin mole removal	1~3	1	1064		1~2
	Removal of nevus ota	3~6	3	1064		1~3
	Removal of lentigines	2~3	1~1.5	532		1~2

IX. MACHINE OPERATION

IX.2 Tattoo Removal Treatment Guide for various Skin Type and Tattoo Color

Skin types	Tattoo Color	Times	Interval /Month	Laser Head	ENERGY OF LASER HANDLE (mJ)	FREQUENCY OF LASER HANDLE (Hz)
V	Black, Blue eyebrow	1~2	1~2	1064	500 ~ 700	3~6
	Red, Brown eyebrow	1~3	2~3	532		3~6
	Black, Blue eyelines	1~2	1~2	1064		1~4
	Black, Blue tattoo	1~3	2~3	1064		4~6
	Other tattoo color	3~5	2~3	1064/ 532		4~6
	Red, Brown tattoo	1~4	2~3	532		4~6
	Melanin mole removal	1~3	1	1064		1~2
	Removal of nevus ota	3~6	3	1064		1~3
	Removal of lentigines	2~3	1~1.5	532		1~2

X. TROUBLESHOOTING SOLUTIONS

Machine Error	Troubleshoot
No display on screen	<ol style="list-style-type: none"> 1. Check the power cord 2. Check circuit breakers and fuses 3. Check the power switch
System cannot initialize	<ol style="list-style-type: none"> 1. Check the power cord
The output of the laser energy is weak or empty gun - no laser	<ol style="list-style-type: none"> 1. Voltage is too low, the treatment head does not work 2. Check whether the laser mirrors have dirt or not, please wipe if dirty 3. Internal handle damaged, replace treatment head 4. Remove the treatment head, check the front-end mirror if damaged or not 5. Treatment head is overheated, closed the device, cooling for 30 minutes before using again 6. Check the handle whether treatment head is leaking
Creaking sound when clicking the trigger button	<ol style="list-style-type: none"> 1. The room temperature is too low, increase the room temperature 2. High room humidity
Cooling system temperature too high	<ol style="list-style-type: none"> 1. Turn off the machine and let it cool for 30 minutes 2. If the lamp is damaged, this needs to be replaced
Laser handle energy is too low	<ol style="list-style-type: none"> 1. Check if there are dirt on the laser head and wipe it 2. Turn off and let it rest for 30 minutes before using again

XI. MAINTENANCE

XI.1 Daily Inspection

- a. Check regularly the machine and its accessories
- b. Check the power socket, if has a reliable connection to the ground
- c. Check if the power cord is damaged before use, do not use if damaged

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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