

Fractional RF Microneedling Machine

NBW- FR III

USER MANUAL



Warning

Dear user:

Thanks for using our company's products, in order to fully make use of the products,

Our sincere suggestions as below:

- ◆◆ Please contact us if there is any trouble during operation.
- ◆◆ Please follow the instruction to fit and operate the machine correctly.
- ◆◆ It forbids others to open and remove the mainframe except the authorized people in the company.
- ◆◆ Please read the instruction in detail and keep it well for further reading and consulting.
- ◆◆ It forbids others to change and maintain the machine except the professional people.
- ◆◆ Please do not remove and change any accessories of the machine.

Machine introduction



- 1 touch screen
- 2 MRF handpiece
- 3 SRF handpiece
- 4 power switch
- 5 foot pedal connection
- 6 power connector
- 7 fuse
- 8 handpiece connection



Operation environment

1. Ambient temperature: 10~30°C;
2. Relative humidity: ≤75%;
3. Atmospheric pressure: 860~1060hpa;

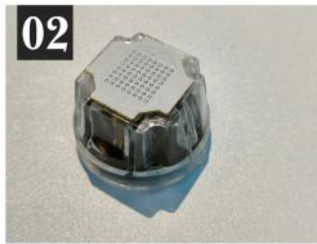
Electrical safety

In order to ensure use safety, the instrument implements the national Standards GB9706.1-2007. The operating system's rated voltage is 220V with maximum input current is 10A or 110V with maximum input current is 15A. This machine is equipped with automatic leakage protection, when leakage occurs, the machine will be automatically power off to protect the system.

Transportation

This machine is a precision instrument, and the whole machine does not allow users to move and use it at a long distance. Because this machine is modular in design, the whole machine must be disassembled during transportation, and the main unit and handle must be packed and transported separately. The shock-absorbing packaging provided by the original manufacturer must be used during transportation.

Accessories list



1. MRF needle
2. SRF needle
3. MRF handle
4. SRF handle

5. power cable
6. foot pedal
7. fuse

Installation process

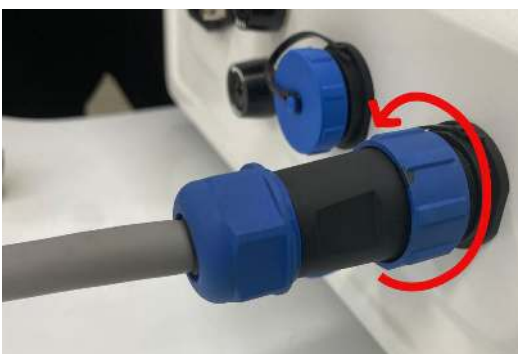
After the machine is transported to the place of use, please take the machine out of the box first, and then install it after standing still for 24 hours in a normal room temperature environment.

Step 1 Install the handle holder

Find the handle holder, screws and screwdriver in the accessories bag and install them to the machine as the photo shows below



Step 2 Install the handles



Take out the handle, unscrew the cover of the handpiece connection and align the connector of the handle plug to the machine connector, tighten the blue knob in the clockwise direction.

Tips:

1. There are three grooves on the handle plug, one big and two small. Please make sure the big

one is on the top.

2. If you face the back of the machine, the right handpiece connection should connect with MRF handpiece and the left one should connect with SRF handpiece.

Step 3 Install foot pedal



Take out the foot pedal and align the connector of the foot pedal plug to the machine connector.

Step 4 Install power cable



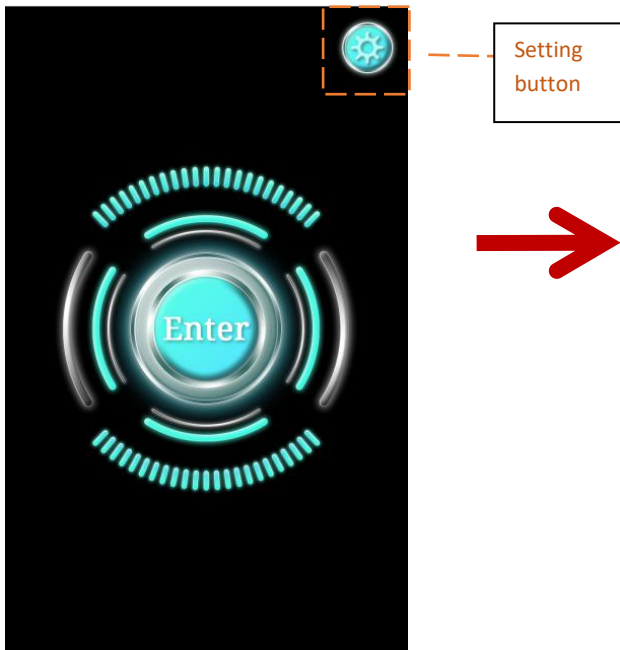
Plug in the power cable and fasten it as the picture shows



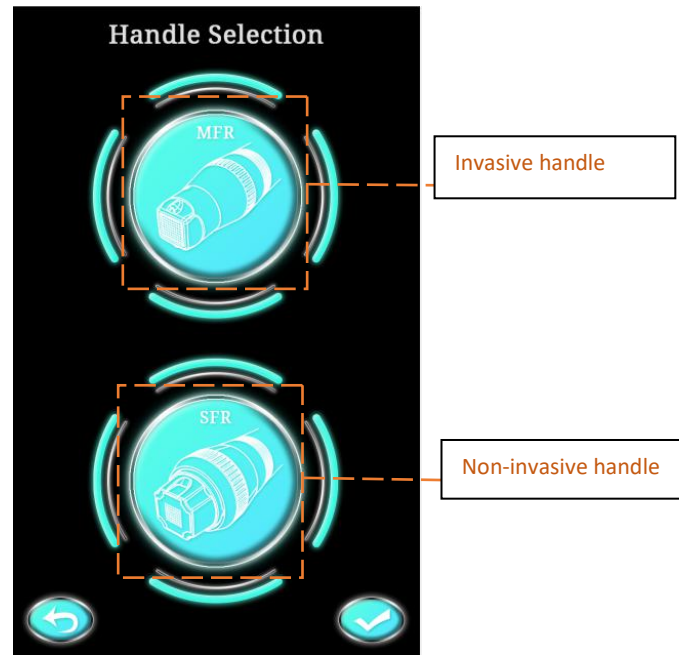
Press the switch button to turn on the machine

Operation interface

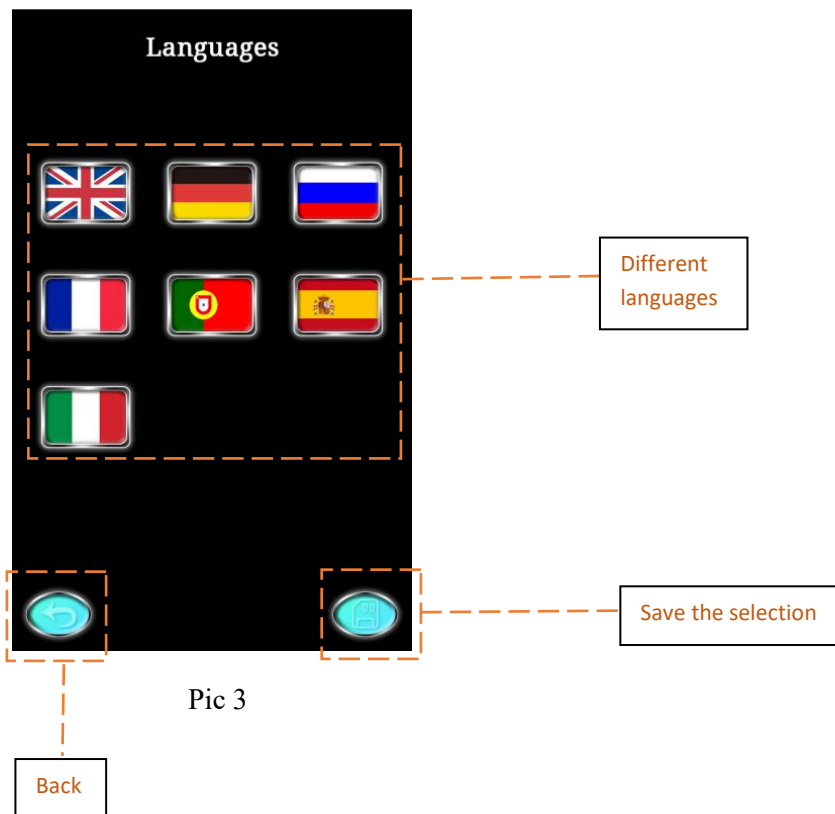
After turning on the machine, you will see the following operation interfaces



Pic 1



Pic 2



Pic 3



Click the

(Pic3), select the language you need, and then click



to back to the welcome interface (Pic1).

Click the



(pic2), click

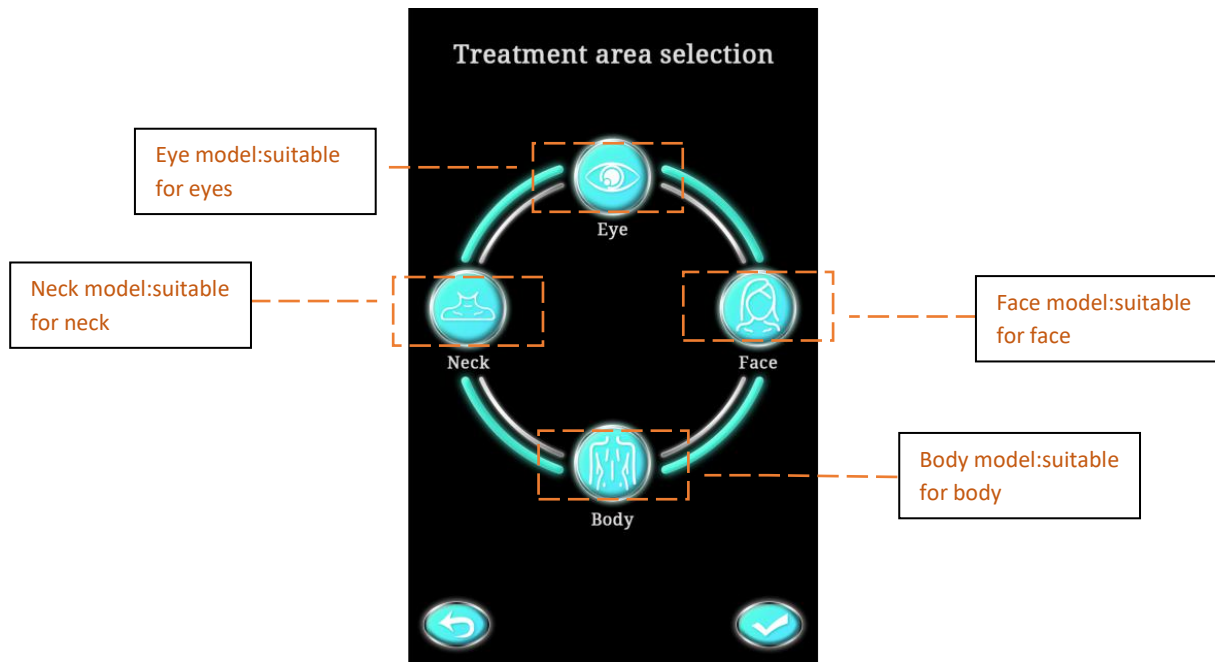


or



to select the handle you need to use, then click

to enter the next interface (pic4).

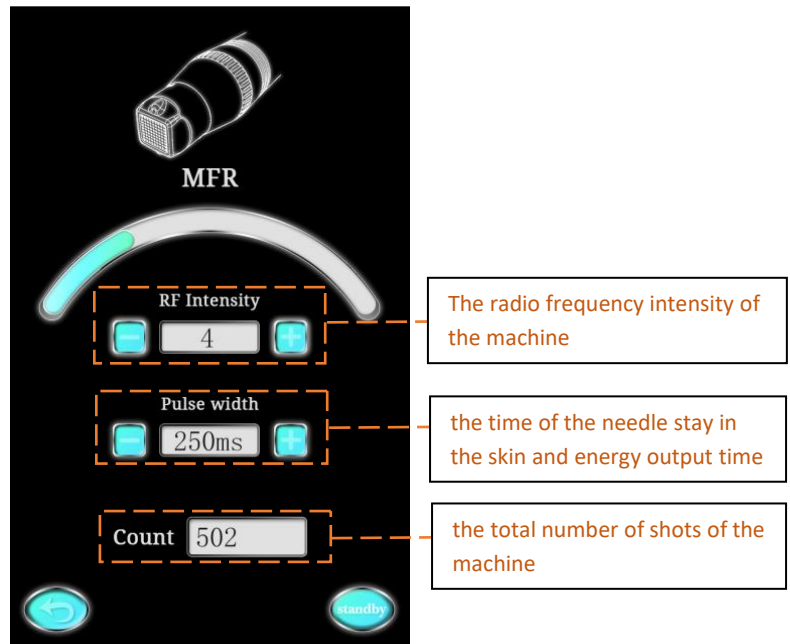


Pic4

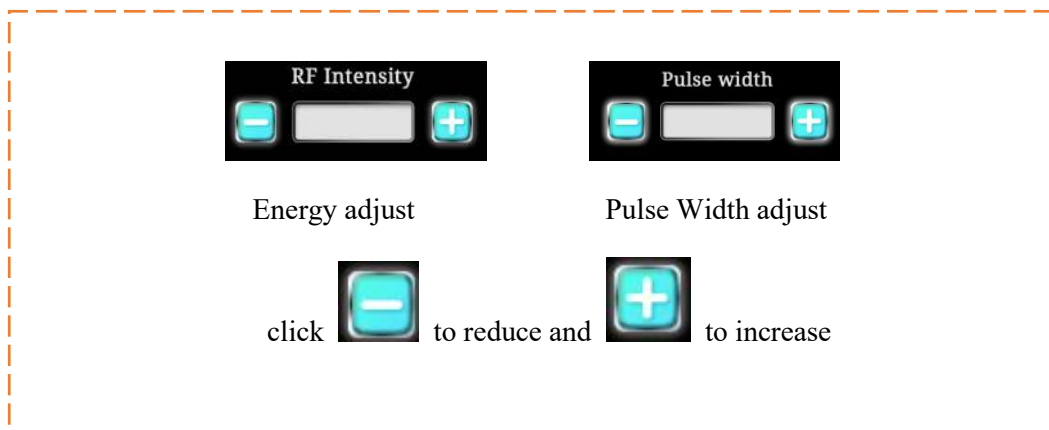
Select treatment area, click



to enter the operation interface (Pic5).



Pic5



After setting all treatment parameters, click to be ready for treatment.

Treatment steps

MFR handle:

Step 1 Prepare the following materials

Anesthetics, plastic wrap, disposable gloves, face towels, saline, ice packs, medical masks, epidermal growth factor, customer files, cameras (photograph and archive before treatment).

Step 2 Anesthesia and disinfection

Clean the treatment area, and apply the anesthetic, then cover the plastic wrap on it. At least 30-50mins later, remove the anesthetic and clean the treatment area with saline.

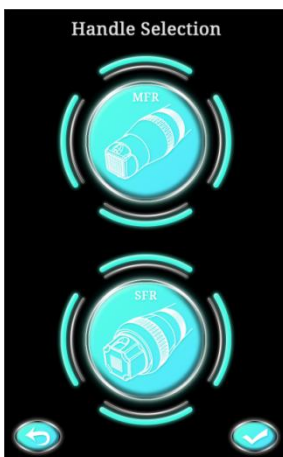


Step 3 Turn on the machine and adjust the parameters

Press the switch button to turn on the machine, and touch the “Enter” button.

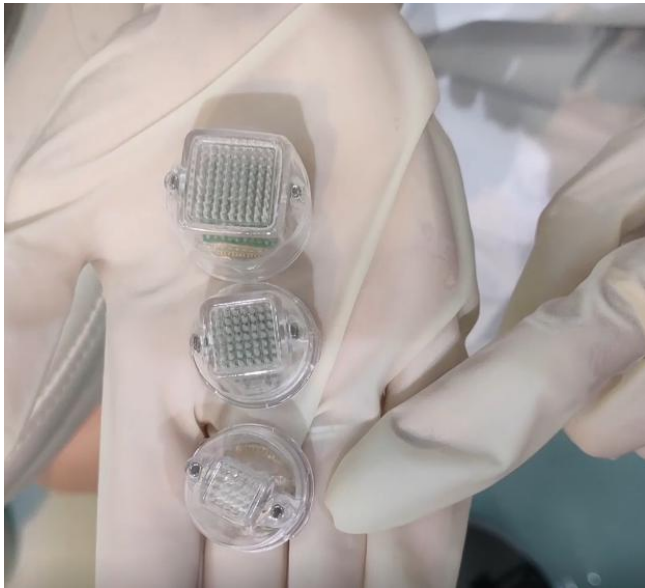


As the following picture shows, there are two treatment heads, one is MFR (invasive treatment head) and another one is SFR (non-invasive treatment head). Choose the MFR.

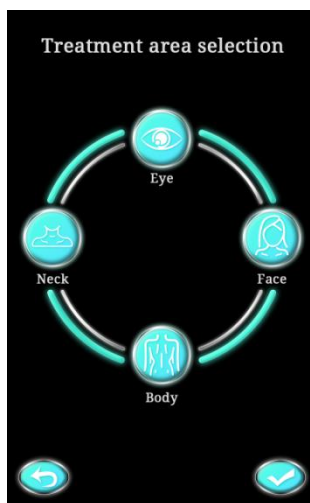


There are three sizes of treatment head, they are 25-needles,49-needles and 81-needles. The 25-needles is applying to the skin around eyes, nose and mouth. The 49-needles is applying to the cheek and neck. And the 81-needles is applying to body part as back and

abdomen. Choose suitable size of needles according to different body parts.



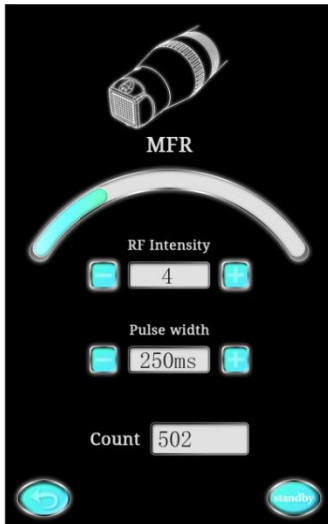
Then we choose treatment area on the screen(as the picture shows). For example, if we want to do the treatment on the face. We choose the face model, and then click the check mark“✓” in the lower right corner.



Step 4 Choose treatment parameters

As the following picture shows, the RF Intensity means the radio frequency intensity of the machine, the level is from 1-10, the Pulse width means the time of the needle stay in the skin and energy output time, the range is 250-600ms. Adjust them by click the“-”and “+”. The Count means the total number of shots of the machine.

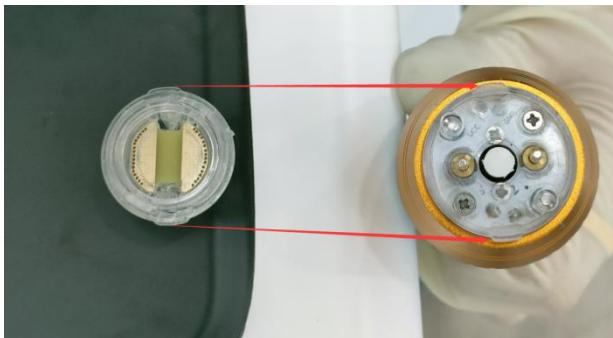
The suggested parameters of the face are:RF Intensity 3-4; Pulse width 350ms. After adjust the parameters well, click the “ standby” button to begin the treatment.



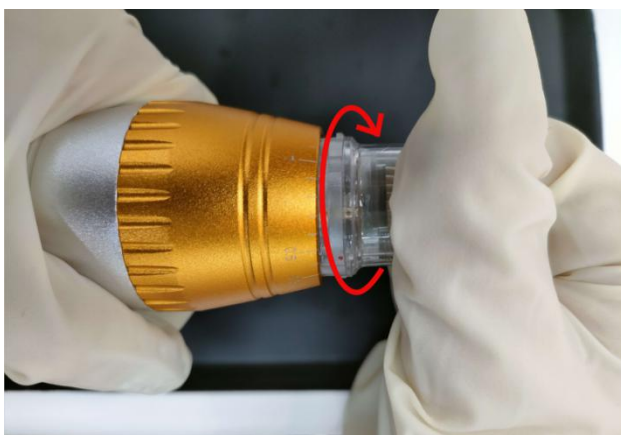
Step 5 Install the treatment head and adjust needle depth

Take a 49-needles treatment head and install it.

1. Align the treatment head with the handle as shown in the picture.



2. Rotate the treatment head clockwise.



Adjust the needle depth according to the different face part(The following picture shows suggested needle depth).

Tips:

1. There is a red dot on the handle(as the following picture shows), find it and twist the

golden part of the handle. The scale where the red dot is located is the depth of the needle.

2. The needle head is individually packaged, it can only use one time, can not be recycled, in case of the blood infection.

After adjust the needle depth, step on the foot pedal to make the needle get out.



Step 6 Begin the treatment

During the treatment, make the handle close and perpendicular to the skin, and press appropriately simultaneously, then step on the pedal to make the needle pierce in the skin.

Do the treatment follow a sequence and make sure that there is no skin missed (Temples and upper eyelids are forbidden to do the treatment).



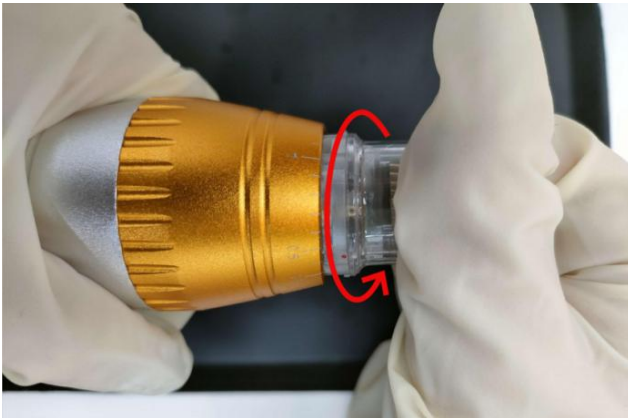
Slight bleeding during treatment is normal, just wipe gently with saline.



Step 7 Change a 25-needles treatment head

Remove the 48-needles treatment head.

1. Rotate the treatment head counterclockwise .



2. Pull out the treatment head with appropriate force.



3. Install the 25-needles treatment head and do the skin around nose, mouth and eyes.



Step 8 Use ice packs to cool the treatment area



Step 9 Spray epidermal growth factor on the treatment area

Mix the contents of the two bottles and shake it. Then spray it evenly on the treatment area and rub gently to help absorption.



Step 10 Apply the facial mask

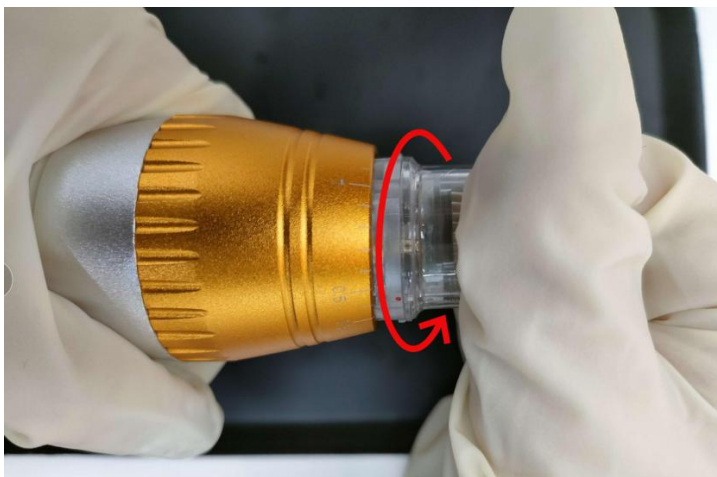
Apply the medical facial mask to cool and repair the skin.



Step 11 Treatment finished

Turn off the machine and throw away disposable needles, put the handle back and inform the customer the precautions after the treatment.

1. Rotate the treatment head counterclockwise.



2. Pull out the treatment head with appropriate force.



SFR handle:

Step 1 Prepare the following materials

Disposable gloves, face towels, saline, ice packs, medical masks, customer files, cameras (photograph and archive before treatment).

Step 2 Clean the treatment area

Clean the treatment area with saline, and sterilize the treatment head with alcohol.



Step 3 Turn on the machine and adjust the parameters

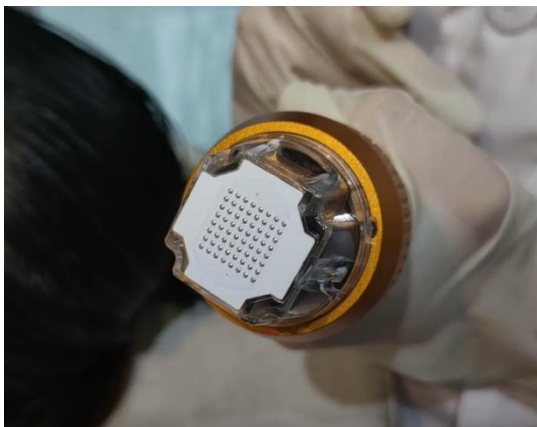
Press the switch button to turn on the machine, and touch the “Enter” button.



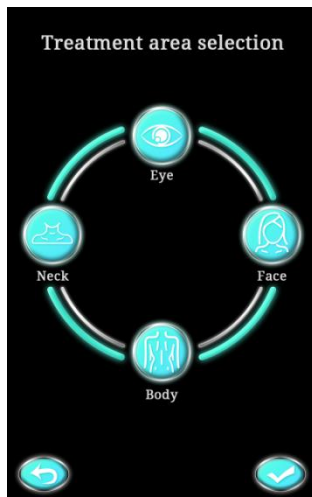
As the following picture shows, there are two treatment heads, one is MFR (invasive treatment head) and another one is SFR (non-invasive treatment head). Choose the SFR.



The following picture shows is the treatment head.



Then we choose treatment area on the screen(as the picture shows). For example, if we want to do the treatment on the face. We choose the face model, and then click the check mark“✓” in the lower right corner.

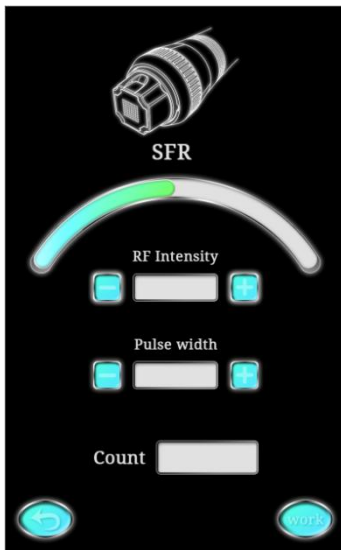


Step 4 Choose treatment parameters

As the following picture shows, the RF Intensity means the radio frequency intensity of the machine, the level is from 1-10, the Pulse width means energy output time, the range is 1000-3000ms. Adjust them by click the“-” and “+”. The Count means the total number

of shots of the machine.

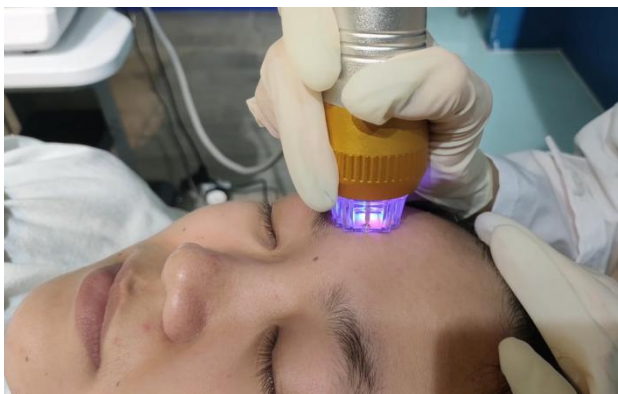
After adjust the parameters well, click the “ standby” button to begin the treatment.



Step 5 Begin the treatment

During the treatment, make the handle close and perpendicular to the skin, and press appropriately simultaneously, then step on the pedal to make the handle emission energy.

Do the treatment follow a sequence and make sure that there is no skin missed(Temples and upper eyelids are forbidden to do the treatment).



Step 6 Apply the facial mask

Apply the medical facial mask to cool and repair the skin.



Step 7 Treatment finished

Turn off the machine and sterilize the treatment head with alcohol, put the handle back and inform the customer the precautions after the treatment.

Tips:

How to remove and install the treatment head?

Remove the treatment head.

1. Rotate the treatment head counterclockwise.

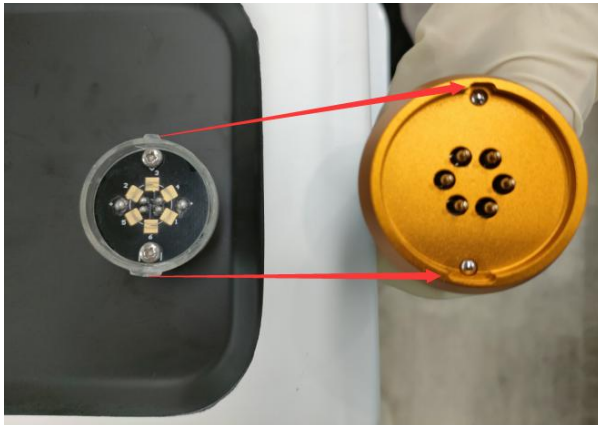


2. Pull out the treatment head with appropriate force.



Install the treatment head.

1.Align the treatment head with the handle as shown in the picture.



2.Rotate the treatment head clockwise.



Precautions after treatment

- 1.Keep the wound surface clean and dry within 24 hours after treatment. Apply the Epidermal growth factor everyday to promote wound healing. Apply hydrating and repairing facial mask.
- 2.Suitable ice compress can be used if the skin turns red after treatment.
- 3.Protect from the sunshine. If you need go outside, it is recommended to wear masks, hats, sunglasses for sun protection, Please strictly do the sun protection.
- 4.Do not use facial cleanser to wash your face during the crusting period, just wipe gently with salted water, no makeup. Scratching, kneading and rubbing are prohibited on the wound. After 7-10 days, the scab will fall off naturally. It is forbidden to let the scab fall off artificially, just in case affect the skin repair and cause discoloration even scarring.
- 5.Avoid going to hot places within one week after treatment(Hot springs, saunas,

steaming, etc.). Avoid heavy sweating, otherwise it will increase discomfort.

6. Avoid eating spicy food, seafood, hair products, avoid excessive drinking, smoking, etc. within one week after the treatment.

7. After the scab falls off, a lot of water need to be replenished, and the hydrating mask should be applied every day.

Indications

FACIAL

- Face and Eye Lifting
- Skin Tightening
- Wrinkle Reduction
- Skin Rejuvenation
- Enlarged Pores Reduction
- Acne Scar Treatment

BODY

- Stretch Marks Treatment
- Scar Removal
- Keratosis Pilaris
- Hyperhidrosis Treatment

Ps.The suggested parameters

Microneedle (Invasive) MRF							
Items	treatment area	intensity	needle depth	Time of needles being out	Time difference of MRF and needles being out	session	interval time
wrinkle removal&skin lifting	eye corner and nose around	3-5	0.5-0.8mm	250-300ms	2-5ms	3-5times	4weeks
	forehead	3-5	0.5-1mm	250-350ms	2-5ms	3-5times	4weeks
	face	4-6	1-1.5mm	300-350ms	2-5ms	3-5times	4weeks
	neck	5-7	1-1.5mm	300-350ms	2-5ms	3-5times	4weeks
	body	5-8	1.5-2.5mm	300-500ms	2-5ms	3-5times	4weeks
acne scar	eye corner and nose around	3-5	0.5-0.8mm	250-300ms	2-5ms	4-6times	4weeks
	forehead	3-5	0.5-1mm	250-350ms	2-5ms	4-6times	4weeks
	face	4-6	1.5-2.5mm	300-450ms	2-5ms	4-6times	4weeks
	neck	4-6	1.5-2.5mm	300-450ms	2-5ms	4-6times	4weeks
pore reduction	eye corner and nose around	3-5	0.5-0.8mm	250-300ms	2-5ms	1-3times	4weeks
	forehead	3-5	0.5-1mm	250-350ms	2-5ms	1-3times	4weeks
	face	3-5	1-1.5mm	300-350ms	2-5ms	1-3times	4weeks
	neck	3-5	1-1.5mm	300-350ms	2-5ms	1-3times	4weeks
	body	3-5	1-1.5mm	300-350ms	2-5ms	1-3times	4weeks
scar removal	face	6-8	2-3mm	300-450ms	2-5ms	6-8times	4weeks
	body	6-10	2-3mm	400-600ms	2-5ms	6-8times	4weeks
stretch mark	body	6-10	2-3mm	400-600ms	2-5ms	6-8times	4weeks
whole facial resurfacing	face	4-6	1.5-2.5mm	300-450ms	2-5ms	4-6times	4weeks
please don't repeat the same treatment area in a same treatment.							
Thermage (Non-invasive)SRF							
Items	treatment area	intensity	treatment time	Time of rf being out	session	interval time	
wrinkle removal	eye corner	4-7	20-30min	2000-3000ms	5-8times	7days	
	lip around	5-8	20-30min	2500-3500ms	5-8times	7days	
	face	5-8	30-45min	2500-4500ms	4-6times	7days	
	body	6-10	45-90min	3000-5000ms	4-6times	7days	
skin tightening	face	4-7	30-45min	2500-4500ms	4-6times	7days	
	neck	5-8	30-45min	2500-4500ms	4-6times	7days	
	body	6-10	45-90min	3000-5000ms	4-6times	7days	
Please adjust the energy and time of rf come out according to the feeling of the customer, when the customer feel warm and little hot, the energy is fine							

Contraindications

1. People with heart disease or high blood pressure, or those with pacemakers.
2. Acute inflammation, asthma, deep vein thrombosis and cancer patients.
3. People with bleeding diseases or surgical wounds that have not healed.
4. Pregnant women.
5. The position that has been medically reshaped, or the part where the artificial prosthesis is filled inside.
6. People with metal in the treatment area (including metal teeth).
7. Patients with skin inflammation or edema.
8. People with abnormal immune system.
9. People who are heat-resistant or insensitive to heat.
10. People who have taken oral isotretinoin therapy in the past 9 months (Accutane / Roaccutane / Oratane).

11. Patients with heart disease, diabetes, and hyperthyroidism.

Contact us

If you have any problem, please contact our after-sales engineers or sales personnel in time, please do not disassemble the machine by yourself.

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