

User Manual

SR-VX9



Preface

To our valued users,

Thanks for choosing our V-MAX radar line carving device for removing facial wrinkles, firming skin, and making people younger. SR-VX9 is professional beauty equipment, which needs to be operated by people with professional training. Any improper use of this equipment may bring adverse consequences to the body. Thus, we advise all people to read this manual thoroughly and strictly follow the instructions specified before operation.

We believe our quality product will give you a good return and our perfect after-sales service will make you worry-free.

Thank you.

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Part I

1. Introduction

Presently, radar line carving is a trendy new program for anti-aging, wrinkle removal, and rapidly making people younger. It's a new non-invasive fat removal technique. Currently, it's the only high-tech beauty system that locates, firms, and dissolves facial muscle and fat layer and can replace face slimming and fat-dissolving injection. And it has got various international patent certifications as of now. It helps to reduce wrinkles, enhance skin elasticity, shape the body, and produce collagen. The high-strength focusing ultrasonic waves transmit heat energy of 65°C to SMAS (about 3.0mm to 4.5mm) of the skin, generating heat coagulation, contracting skin, and regenerating collagen. In addition, V-MAX handpieces can melt the adipose layer (7mm to 20mm in depth), having an evident effect on weight reduction. Meanwhile, the precise positioning of the radar wave can recognize fat cells on its own. Entering the deep layer of the skin with a unique handpiece rubbing makes the user feel painless. Moreover, this equipment works safely and effectively and requires no skin breaking, injection, medication, or surgery. It has no side effects and is operated externally throughout, and has an instant effect.

2. Advantages

- (1) It's improved beauty equipment based on the ultrasonic principle. It has offset the disadvantage of ultrasonic waves that need to replace consumables.
- (2) It has a broader treatment range and can be used to treat nasolabial folds, glabellum wrinkles, apple-like cheeks, acne face, black eyes, eye bags, hormonal acne, large pores, the flab on the cheeks, double chin, etc.
- (3) It's safe and can reach all angles. Both body and face can use it.
- (4) It's easy to operate and safe to use. It uses a 7 inches LED backlight touch screen and transmission-type touch technology, presenting a more comfortable image and longer service life.
- (5) It has an excellent effect and strong continuity. A line carving treatment equals eight times thermage plus three times ultrasonic knife plus one time fascia suspension.
- (6) The water cooling system can work a long time and run stably.
- (7) The energy shot times have no limits, significantly lowering cost.

3. Working Principle

The radar line carving device utilizes the matrix, focusing, and energy-gathered radar waves that vibrate 600 to 1,200 times per second to heat and conduct targeted position onto the dermis, and accurately transmit and act the heat energy on SMAS (about 3.0 to 4.5mm). Then the ultrasound gathers at SMAS, forming an accumulating

area. It powerfully strikes skin tissue and generates electric field accumulation on SMAS and targeted parts. Radar line carving laser raises the subcutaneous temperature to 65 to 75 °C after going through stratum corneum, stratum lucidum, stratum granulosum, stratum basale, and SMAS. The heat energy evenly burns and destroys the fibrous layer's original loose structure and launches the growth and rearrangement of the new collagen to renew the skin.

3.0mm: The ultrasonic waves of radar reach the dermis, generating heat energy. The energy stimulates the collagen tissue of the dermis to divide and multiply, producing much more collagen cells. And it stimulates the fiber tissue to reshape the reticular layer's structure and reinforce the link of elastic fibers.

4.5mm: The ultrasonic waves of radar reach subcutaneous tissue, dissolve the excess fat particles of SMAS, reshape the skin structure of SMAS, slim the face, and shape the body.



4. Main Efficacy

- (1) Lift face and reshape contour.
Firm and lift the whole face in an all-around way, including the eyes, cheeks, forehead, and neck. It can improve the whole facial contour.
- (2) Firm the skin and relieve loosening.
Repair the aged, broken, and loose collagenous fiber, stimulate collagen production, increase the skin's collagen content, and enhance skin elasticity.
- (3) Contract and refine pores.
Control facial grease secretion and perfectly shrink facial pores.
- (4) Remove wrinkles and make skin smooth.
It powerfully removes various crow's feet, forehead wrinkles, wrinkles between brows, wrinkles on the lower eyelid, wrinkles on the frontal ear, wrinkles around the lips, nasolabial groove, and neck wrinkles.
- (5) Promote metabolism and reverse aging
Facilitate the decomposition of subcutaneous fat and collagen metabolism and stimulate the spontaneous hyperplasia and reorganization of elastic fibers.

5. Indications

- (1) Those with flabby or saggy skin.
- (2) Those with vague skin contour.
- (3) Those whose skin has more wrinkles.
- (4) Those with large pores or coarse facial skin.
- (5) Those with strong grease secretion.
- (6) Those with uneven skin color or dark skin.

6. Contraindications

- (1) Those with acute diseases or hemorrhagic disease.
- (2) Those with severe heart disease, hypertension, diabetes, hyperthyroidism, or terminal tumor; with a heart pacemaker or similar devices inside the body.
- (3) Those with anaphylactic reaction or hemophiliac.
- (4) Those who have been taking steroids and hormones for the long term or with hepatitis caused by angiotelectasis.
- (5) Those with atomic bomb injuries or confirmed infectious diseases.
- (6) Women in menstruation, pregnancy, or lactation.
- (7) Those with myasthenia gravis or nervous system diseases.
- (8) Those who are overaging, such as those aged 60 above or with severely aging skin.
- (9) Those with facial paralysis, immune system diseases, such as lupus erythematosus, epilepsy, or skin cancer, and whose treated parts have severe edema of the lymph gland, inflammation, and immune system dysfunction.
- (10) Those with unhealed surgical wounds.
- (11) Those injected creotoxin within one month.
- (12) Those injected hyaluronic acids, collagen, or artificial filler, such as silica gel, within six months.
- (13) Those who had micro-plastic surgery can have the treatment after 3 to 6 months. But parts with prostheses inside can not have it.

7. Matters Needing Attention Before & After Treatment

- (1) Do moisturizing care one day before the treatment, or apply a moisturizing mask three days in a row. The absorption of moisture can magnify the effect of the radar line carving treatment and lower skin discomfort.
- (2) Do not treat eyeballs, thyroid, lower jaw, lips that the nerves pass by.
- (3) Do not treat the same part for more than 5 seconds.
- (4) If you plant a tooth in the treated parts around the teeth, you may experience a toothache. At this point, you can inhale to plump up the mouth or operate after the teeth are wrapped with gauze.
- (5) Do not wash the face with overheated or undercooled water after treatment. Because the subcutaneous fascia layer and cell collagen both can regenerate.

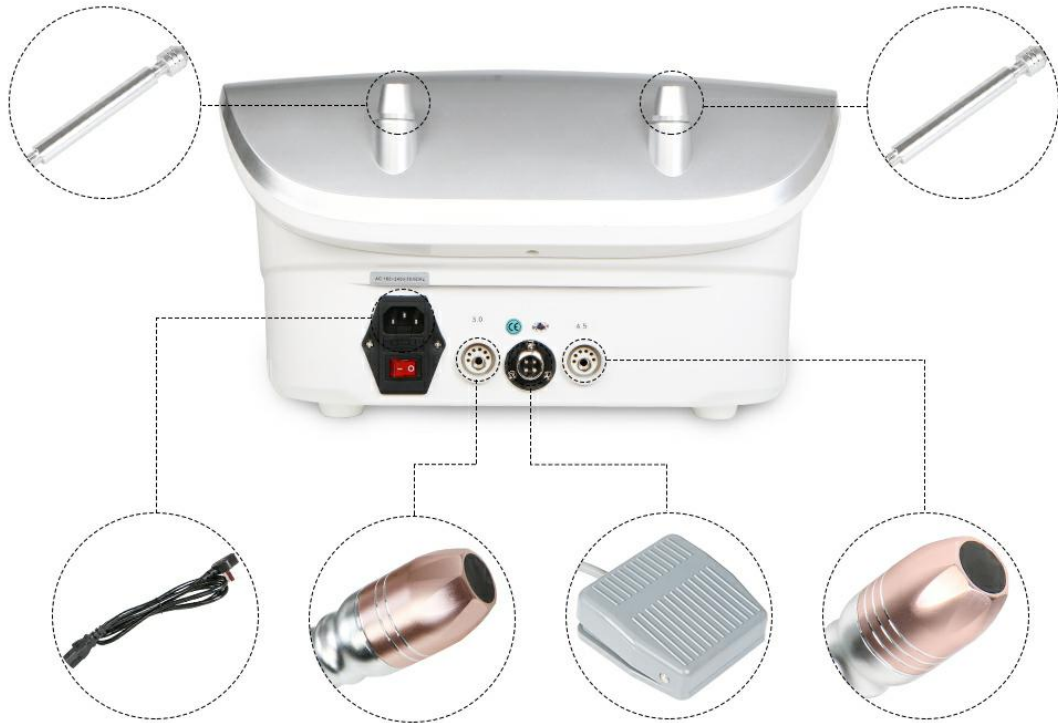
Since the facial skin is much more fragile than usual, some people are more sensitive to external stimulation, causing the skin to experience swelling, rashes, pricking, and numbness. Therefore, we have to pay attention to the water temperature when we wash the face, and it's better to use water of a temperature not more than the body temperature. And apply a facial mask 2 to 3 times a week.

- (6) Replenish nutrition timely to repair cells after the operation. The epidermis, dermis, subcutaneous tissue, blood vessels, nerves are all injured to some extent after the radar line carving treatment. Therefore, it's advised to orally take the acmetea for 3 to 6 months to facilitate recovery. The dosage can be decreased progressively per the situation.
- (7) Don't go to a high-temperature environment within one week after the operation, including a sauna room, places with intense heating, and a hot spring pool. Besides, don't engage in strenuous exercise, dye or perm the hair, etc. It's detrimental to facial recovery. And it's very likely to prolong the recovery time and effect after the operation. Do not expose yourself to the blazing sun.
- (8) Avoid eating spicy food, smoking, and drinking alcohol within one month after the operation. The heat energy produced by the radar line carving device adversely affects the facial muscle, fascia, and moisturizing layer. And spicy food, smoking, and drinking alcohol may easily produce side effects, resulting in inflammation.
- (9) Avoid purely taking collagen. The radar waves stimulate self-collagen and the orally taken collagen to overlap, causing stiffness, unevenness, uneven skin tone, and subcutaneous collagen variations.

Part II

1. Detailed Operations

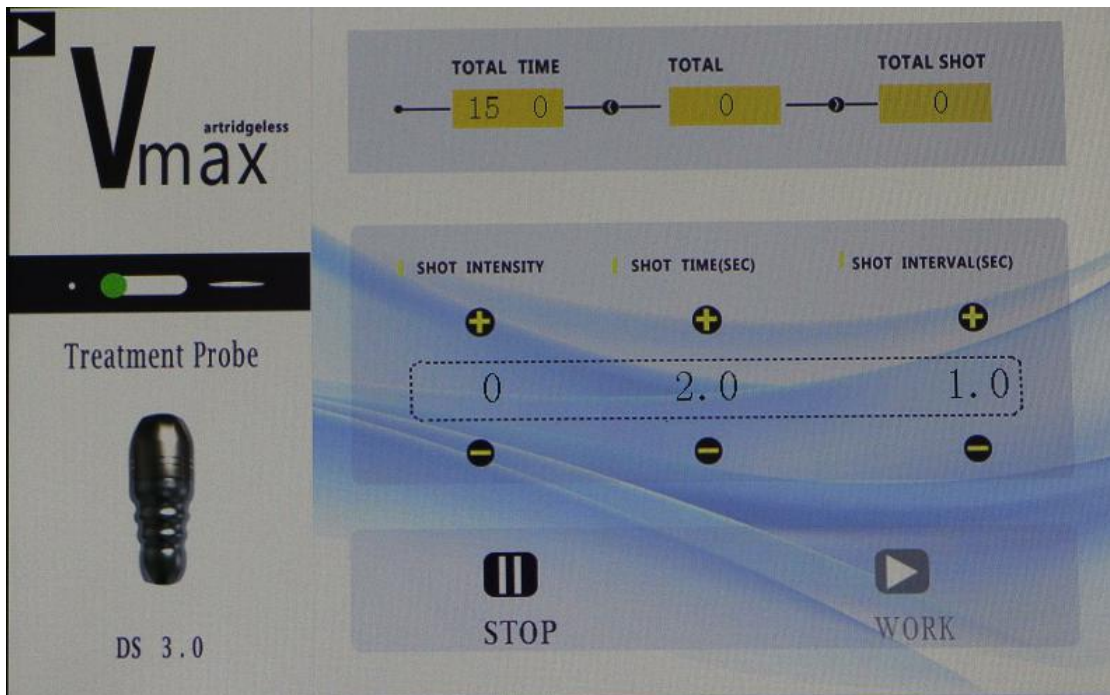
Install the accessories per the following diagram.

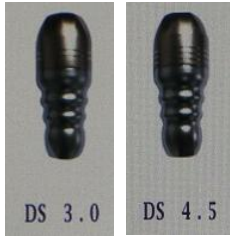


Have the power on, press the power switch, and the following interface comes out after turning on the equipment.



Then enter the following interface.





The two handpieces: 3.0 and 4.5 refers to the depth that the handpiece can penetrate.



The two output modes



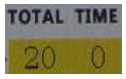
Point-like Output Mode



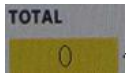
Continuous Output Mode



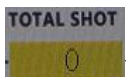
Mode Switching



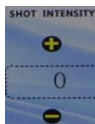
Operating Time



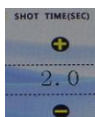
Total shot used after each startup



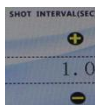
Total shot used after a single startup



Shot Intensity



Shot Time



Shot Interval Time



STOP

Pause. Click it to stop working.



WORK

Work. Click it to start work.



Foot Rest. Tread the footrest to shot energy when operating.

Set shot intensity, shot time, and shot interval time. Apply gel evenly to the treated

parts and lift it using the fixed-point method. When operating, tread the footrest until the operation pauses or ends.

2. Technical Parameters

Input:AC100v-240v

Power:160W

Output: 0.1-2.0J(0.1J/step)

3. Precautions on Use

- (1) A plug with a ground pin must be used, and a power socket that is already grounded must be ensured before using the equipment.
- (2) Make sure the voltage of the equipment is adaptive. If the local power supply voltage is not stable, we suggest users add a voltage regulator with matching power between the mains supply and the equipment.
- (3) To guarantee the equipment's curative effect and normal service life, please uniformly use specified parts provided or suggested by the original manufacturer.
- (4) The equipment can't be placed in damp places or near water, and it also can not be exposed to direct sunlight.
- (5) Please don't place the equipment near an intense heat source since this may affect its service life and everyday use.
- (6) Please refrain from using the equipment aiming at the eyes, thyroid, parathyroid, testicles, pregnant woman's abdomen, pacemaker, etc.
- (7) Those suffering from an illness should use it with caution unless they get permission from a doctor.
- (8) Please turn the equipment's power switch off if no one uses it, and ensure the main power is off after everything was settled. Thus the safety of the equipment can be guaranteed.
- (9) Keep in mind that do not wear metal objects or jewelry when operating.
- (10) Those who had other plastic surgery or filled the body parts before treatment can not take this treatment until he gets recover; or take it three months later; or do the plastic surgery one month later after treatment.
- (11) The skin must be evenly applied to gel when operating to avoid skin discomfort caused by overheating.
- (12) Move the handpiece 5mm every second. Each treading of the footrest launches the energy for one time.
- (13) When operating, ensure the handpiece and the skin form an angle of 90°. Appress the handpiece to the skin with even strength. Otherwise, it may cause heating or uneven energy.
- (14) Set the energy intensity from low to high to avoid discomfort when operating.
- (15) When operating, the skin needs to be strained and leveled to have a better effect, especially parts with wrinkles (glabellum wrinkles, glabellum wrinkles).
- (16) Do not treat the same part for more than 5 seconds.

- (17) Areas that need to be firm are full of nerves and blood vessels. Avoid discomfort caused by the operation.
- (18) Clean the equipment and handpieces with tissue dipping normal saline (don't use alcohol) after operation to extend its service life.
- (19) Use the equipment and train the operators in strict accordance with the instructions specified in the manual.

4. Common Malfunction & Troubleshooting Solutions

- (1) The equipment can't be started after pressing the power switch?
 - A. Make sure the power cord is plugged into a good power socket.
 - B. Check whether the fuse in the back is loose or burnt out.

- (2) The equipment can be started, but there is no energy output?
 - A. Please check whether the connecting wire of the handpiece and the main machine is properly connected.
 - B. If the connecting wire is properly connected and the two handpieces are under testing, please check whether the handpiece has a problem or the main machine.
 - C. If you don't tread the footrest, it may also cause no energy output.

- (3) The equipment can be started, but there is an error message on the monitor?
 - A. Turn off the equipment, take out the power cord, wait for one minute, and restart it.
 - B. If the solution mentioned above is not working, please contact the dealer timely.

5. FAQs

- (1) Q: What problems can the radar line carving device solve?
 - A: It can treat periorbital wrinkles, glabellum wrinkles, apple-like cheeks, acne face, black eyes, eye bags, hormonal acne, large pores, the flab on the cheeks, big and round face, baby fat, and double chins and shape the face.
 - Exogenous function: remove periorbital wrinkles, periorbital wrinkles, glabellum wrinkles, and forehead wrinkles; contract flabby facial skin, remove double chins, slim the face, reshape facial contour.
 - Endogenous function: solve problems like aging and inactive cells, declined tissue and organ function, and wrinkled and dark skin.

- (2) Q: How often can I have the second radar line carving treatment?
 - A: After one treatment, the skin becomes tightened and lifted. This device is a beauty salon level one. The duration of its effect is shorter than that of a medical one. It usually lasts 3 to 6 months. Based on ages and daily maintenance, the duration varies. Taking the second treatment doesn't mean you can no longer do maintenance. Since it's not a once and for all treatment, we still have to maintain the skin daily.

(3) Q: Will I experience a rebound after a radar line carving treatment?

A: No. The instant effect generated by the treatment is perhaps a false appearance because the skin looks tightened after the thermal injury. It's like a pork skin that will contract rapidly when thrown into the boiling water. The contraction is a surface reaction of the thermal injury. The seven days after surgery is the adaptive phase of the skin and the tissue damaged by the skin. During this period, the secreted normal saline under the skin will flow into the damaged parts to protect and separate the injured and the healthy skin tissue. Thus, the healthy skin tissue will not be infected by bacteria and inflammation. Slight edema may occur during this time. This is why the skin is mistakenly regarded as more plump. As time passes, the underlying skin cells constantly repair the injured tissue and stimulate collagen regeneration, making the skin more and more firm and plump.

(4) Q: Does a radar line carving treatment scald the skin?

A: Although the temperature generated by the device can reach about 65 to 70°C, it acts on the dermis directly and does not heat skin at all. Therefore, it causes no damages to the skin.

(5) Q: Does a radar line carving treatment have an instant effect?

A: After the treatment, the skin lifts. In terms of the duration of the effect, it varies from person to person, and it also depends on the state of the skin and to what extent the skin is aging.

(6) Q: Does the radar line carving device only suit those aged 35 years above?

A: No. Age can't determine who can have the treatment, and only skin conditions can do. If your skin turned slack at the age of 25, then you can have the treatment. The more rejuvenated your skin, the stronger your skin's neogenesis capability will be. Prevention is more important than treatment. The earlier you start to do anti-aging, the younger you will be than your peers.

(7) Q: Does a radar line carving treatment have side effects?

A: There are no side effects if you have a proper treatment with good equipment. However, local parts may have erythema, edema, and blister, which may disappear in about one week.

(8) Q: Can I go to work or study right away after a radar line carving treatment?

A: You can leave immediately after the treatment. There is no convalescence, and it requires no special care. Anyway, you can back to work or study at once.

6. Packing List

Main Machine x1

3.0mm Handlepiece x1

4.5mm Handlepiece x1

Fuse x2
Power Cord x1
Parts Rack x1
Parts Prop x1
Foot Rest x1

7. Operating Steps

- (1) Take a contrast photo before operating the device.
- (2) Clean the client's face with normal saline.
- (3) Apply gel evenly to the treated parts of the client.
- (4) Debug the line carving device, set parameters, and disinfect the handpiece with normal saline.
- (5) Operate the device with the right hand, and caress and lift the treated parts with the left hand. With the device and the treated parts forming an angle of 90°, treat them using the fixed-point method or sliding. Tread the footrest to slide the device.
- (6) Sequence for facial operation: Operate from the bottom up and the middle to the two sides. Control the tempo. Areas of severely aging conditions can be treated multiple times.
- (7) Apply a frozen facial mask to the face after treating it.
- (8) Clean the face and apply toner, lotion, and facial cream to it.