

Metamorph Golden Youth Microneedling Machine

USER MANUAL



Welcome

to your Metamorph Golden Youth Microneedling Machine



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PREFACE

Thank you for choosing **REJUVA FRESH** Metamorph Golden Youth Microneedling Machine. This machine offers an advanced approach to skin rejuvenation, by penetrating the skin to much greater depths than traditional microneedling machines, allowing for a deeper and more effective treatment. This revolutionary technology can transform your skin, giving you the youthful, vibrant look you've been wanting.

This machine has two dedicated treatment handles: one for the face and one for the body.

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.

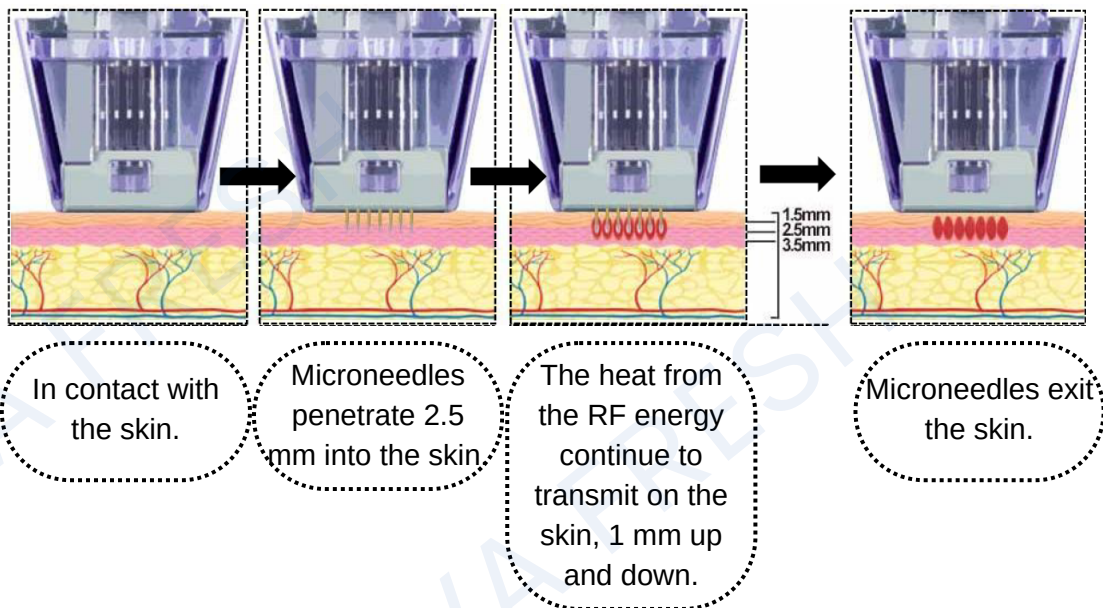
Thank you again, and please enjoy your Rejuva Fresh Metamorph Golden Youth Microneedling Machine!

I. PRODUCT INFORMATION & SPECIFICATION

I.1 Product Information

The precise and fractional delivery of RF energy to the subdermal tissues is expertly accomplished via energy-coated needles, which provide localized heating and coagulation of the tissue which comes into contact with the needle tip. Coagulation promotes tissue remodeling, while untreated tissue between the needles accelerates healing.

This advanced technology is effective, safe, and promotes facial rejuvenation.







I.2 Product Specification

Machine Power	300 W
Voltage	100 V/110 V/ 220 V Voltage selected according to your region
Frequency	4 MHz

I. PRODUCT INFORMATION & SPECIFICATION

I.3 List of Accessories

Item	Quantity	Image
Main Unit	1 set	
Handles	2	
Needle Cartridges (Replacement Cartridges are purchased separately.)	4 (one each of 10 Pin, 24 Pin, 40 Pin, Nano Pin)	
Foot Switch	1	
Power Cable	1	

II. MACHINE INSTALLATION

a. Installation of Main Unit



1. Installation steps:

- ① Install the hanger on the device.
 - ② Connect the handle to the handle socket on the back of the device, align and insert it and put it into the hanger;
 - ③ Connect the foot switch.
2. Insert the power cord into the rear socket of the device, turn on the power switch, and then press the power button to start the device.
 3. Clean the area of the skin before the start of treatment.
 4. Apply anesthesia on the area being treated. Wrap with plastic wrap to improve the effect of the anesthesia.



II. MACHINE INSTALLATION

b. Four types of needle cartridges

	10p: For small or smaller treatment areas.
	24p: For face and neck.
	40p : For use on body parts for larger and deeper tissue treatments.
	Nano crystal head: The introduction enhances and tightens.

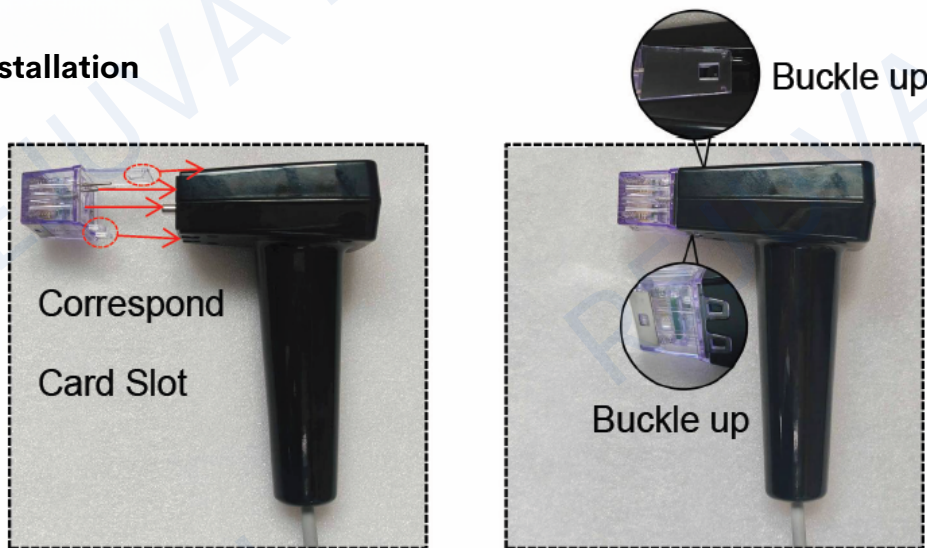
NOTE: The needle cartridges are disposable. Additional cartridges are purchased separately. Disinfect with saline before use.

c. Foot Switch

	<p>Foot switch: controls energy output and emission. Step on the foot switch to operate it.</p> <ul style="list-style-type: none">· Click the "  " start button on the system interface to indicate that the system is in a ready state, and the foot switch is required for operation.
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II. MACHINE INSTALLATION

d. Probe Installation



1. Match the probe with the handle to the card slot, align it in a straight line, push and press to insert the probe, press the buckle to fasten it and fix it.

e. Using the Smart Card



1. When the device is turned on and enters the working system interface, an E2 prompt "Please swipe the card" appears, please put the card in the card swiping sensing area of the host and tap it (as shown in the figure ① above), and the system automatically recognizes and activates when you hear the "beep beep" sound Then the prompt of E2 disappears, indicating that the card swiping is successful.

NOTE: Each card is limited to 15 swipes (card swipes). It is counted once every time it is turned on, and there is no limit to the usage time. If you turn it on again after shutting it down, you need to enter the working system to swipe the card to use it. **DO NOT** bend the card.

III. CONTRAINDICATIONS

1. Women during menstruation, pregnancy, and lactation.
2. Pacemakers or internal defibrillators, or other metal perforations or implants anywhere in the body should be used with caution.
3. The current skin is undergoing chemotherapy, radiotherapy, and cryotherapy should be used with caution.
4. Disease history of heat stimulation, such as recurrent herpes simplex in the treatment area.
5. Any active skin conditions in the treatment area, such as ulcers, psoriasis, eczema and rashes, open lacerations, skin damage and abrasions or lesions, inflammation, and allergic conditions are prohibited.
6. It is not recommended for patients with a history of thermal stimulation diseases, such as herpes simplex recurrence in the treatment area.
7. People with severe scar constitution, poor coagulation mechanism, keloids, abnormal wound healing, and very dry and fragile skin should use it with caution.
8. Immunosuppressive diseases, such as AIDS and HIV immunosuppressive diseases or immune system damage caused by the use of immunosuppressive drugs, should be used with caution.
9. Serious concurrent diseases, such as heart disease, sensory disturbance, epilepsy, uncontrolled hypertension, patients with liver and kidney diseases, leukemia patients, and vitiligo patients should be used with caution.
10. Poor control of endocrine disorders, such as diabetes or thyroid dysfunction and masculinization of hormones.
11. People who take medicines containing aspirin within two weeks before treatment should use it with caution.
12. If fillers such as hyaluronic acid, collagen, and fat injection are applied within six months of treatment, the doctor must be informed before the operation.
13. Stop taking anticoagulant drugs and supplements one week before treatment.

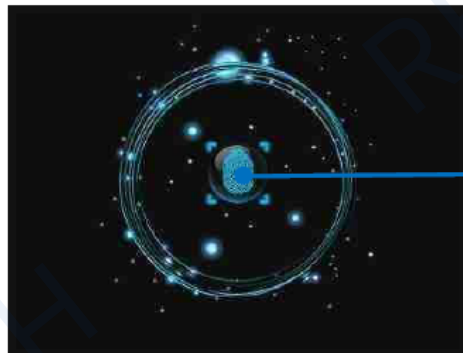
NOTE: Treatment interval: once every 4-6 weeks; course setting: 3-5 times/1 course of treatment.

IV. MACHINE OPERATION

a. Treatment Selection

1. Check whether the connection of the machine is normal, connect the machine to the power supply and turn on the power switch, press the power button and the machine will start up immediately, and the Boot system shown in Figure 1 will appear, click the middle icon "●" and then enter Figure 2 to select the operating system.

Figure 1: Boot System



Click the icon to enter Figure 2

2. Select the type of treatment in Figure 2:

- (1) Select the corresponding face/neck or body icon according to the treatment site;
- (2) Select the corresponding probe icon according to the currently used treatment probe, which must be consistent; then click "▶" to enter the next operating system.

Figure 2: Select Operating System

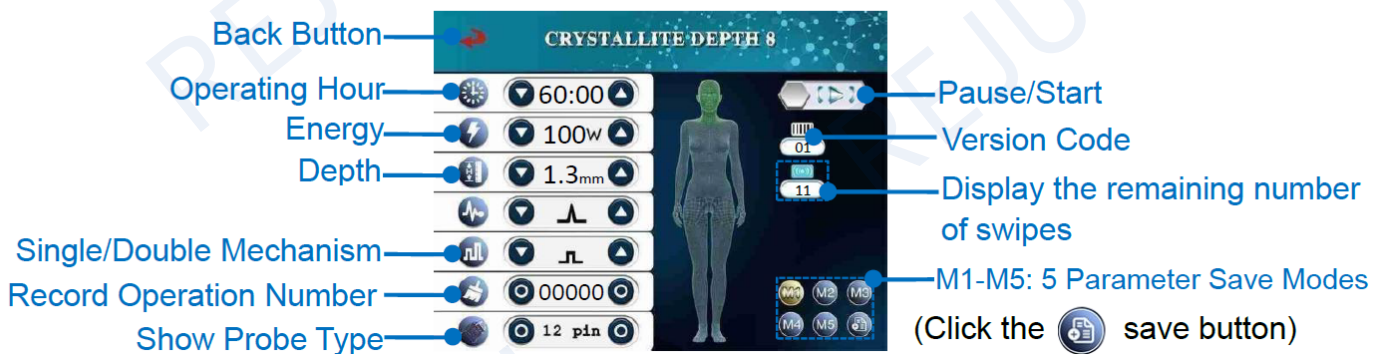


IV. MACHINE OPERATION

b. Face/Neck Treatment

1. In Figure 2, select the settings 'Face/Neck icon, and then click ' to enter the Face/Neck operating system in Figure 3.

Figure 3: Face/Neck Operating System



2. Swipe the card to activate-Enter the working system interface and the E2 alert "Please swipe the card" appears. Please put the card in the card swiping sensing area of the machine and tap it. When you hear the "beep beep" sound, the system automatically recognizes and activates and then the E2 alert disappears, indicating that the card is swiped successfully.

3. The buttons of the face/neck operating system in Figure 3 are introduced as follows:



Adjust the treatment time using the up and down arrows.



Adjust the RF Energy using the up and down arrows.
The RF Energy depends on the skin type and the treatment area.



Adjust the depth according to the skin thickness of the treatment area to provide effective subcutaneous treatment.

IV. MACHINE OPERATION

b. Face/Neck Treatment



Single/Double shot Mechanism Settings. Switch the setting using the up and down arrows.



The above image indicates that the single-shot mechanism is currently set. As the name suggests, single-shot means that the microneedle works once when the foot switch is stepped on. This single-shot mechanism means that the microneedle is fired once by stepping on the foot switch. After the microneedle is retracted from the skin, stepping on the foot switch is necessary again to launch. It is recommended for beginners to use this mode.



The above image indicates that the dual-shot mechanism is currently set. As the name suggests, double-shot means that the microneedle works twice when the foot switch is stepped on. This two-shot mechanism, so step on the foot switch to launch the microneedle twice consecutively; step on the foot switch to release the energy for the first time, and after the energy is released, the microneedle retracts from the skin. Then automatically and continuously fire for the second time to release the energy. After the energy is released, the microneedle retracts from the skin, and then the handle is removed, and the foot switch needs to be stepped on again to launch.













This is the counter, it displays the number of treatments. Press the "sweep" button on the left to reset the counter and clear the numbers.



This displays the current probe type being used.

IV. MACHINE OPERATION

b. Face/Neck Treatment

-
-   :Display version code 01.
-
-   :Displays the remaining number of card swipes.
-
- Click  become  It means that the device is started, the system is ready, and the foot switch needs to be stepped on to start outputting energy.
 - Click  become  Indicates stop and the device is in standby state.
-
- **【M1】 — 【M5】** Indicates the choice of 5 parameter storage modes or recall parameters, which can be customized to store ideal parameters for later recall,click  to save the parameter storage.
-
- Click  indicates returning to the previous interface.

IV. MACHINE OPERATION

c. Body Treatment



1. In Figure 2, select the settings'  Body icon, and then click  to enter the Body operating system in Figure 4.

Figure 4: Body Operating System



2. Swipe the card to activate-Enter the working system interface and the E2 alert "Please swipe the card" appears. Please put the card in the card swiping sensing area of the machine and tap it. When you hear the "beep beep" sound, the system automatically recognizes and activates and then the E2 alert disappears, indicating that the card is swiped successfully.

3. The buttons of the body operating system in Figure 4 are introduced as follows:



Adjust the treatment time using the up and down arrows.



Adjust the RF Energy using the up and down arrows.

The RF Energy depends on the skin type and the treatment area.



Adjust the depth according to the skin thickness of the treatment area to provide effective subcutaneous treatment. The range of 12P and nano-meter probes is 1.0mm-2.5mm, the range of 24P and 40P probes is 1.0mm-7mm; Each increment is 0.5mm.

IV. MACHINE OPERATION

c. Body Treatment



Regular Mode/Burst Mode Settings. Switch the setting using the up and down arrows.



The above image indicates the current setting of fixed mode (single fixed point mode). In this mode, the microneedle automatically releases energy at a fixed point deep under the skin. After the micro-needle retracts from the skin, it needs to step on the foot switch again to fire.



The above image indicates the current burst mode, which releases energy at two to three different depths under the skin. When selecting below 4mm, the burst mode isn't (Multi-level fixed-point overlay) active state.

IV. MACHINE OPERATION

c. Body Treatment



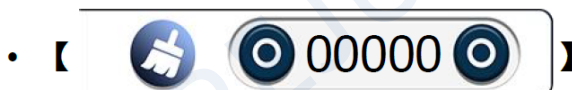
Single/Double shot Mechanism Settings. Switch the setting using the up and down arrows.



The above image indicates that the single-shot mechanism is currently set. As the name suggests, single-shot means that the microneedle works once when the foot switch is stepped on. This single-shot mechanism means that the microneedle is fired once by stepping on the foot switch. After the microneedle is retracted from the skin, stepping on the foot switch is necessary again to launch. It is recommended for beginners to use this mode.



The above image indicates that the dual-shot mechanism is currently set. As the name suggests, double-shot means that the microneedle works twice when the foot switch is stepped on. This two-shot mechanism, so step on the foot switch to launch the microneedle twice consecutively; step on the foot switch to release the energy for the first time, and after the energy is released, the microneedle retracts from the skin. Then automatically and continuously fire for the second time to release the energy. After the energy is released, the microneedle retracts from the skin, and then the handle is removed, and the foot switch needs to be stepped on again to launch.













This is the counter, it displays the number of treatments. Press the "sweep" button on the left to reset the counter and clear the numbers.



This displays the current probe type being used.

IV. MACHINE OPERATION

c. Body Treatment

-
-   :Display version code 01.
-
-   :Displays the remaining number of card swipes.
-
- Click  become  It means that the device is started, the system is ready, and the foot switch needs to be stepped on to start outputting energy.
 - Click  become  Indicates stop and the device is in standby state.
-
- **【M1】 — 【M5】** Indicates the choice of 5 parameter storage modes or recall parameters, which can be customized to store ideal parameters for later recall,click  to save the parameter storage.
-
- Click  indicates returning to the previous interface.

IV. MACHINE OPERATION

d. Treatment Steps


1. When preparing for the treatment, the operator will stick the operating handle 90° vertically on the skin, apply firm pressure to completely stick to the skin, and then step on the foot switch to start the operation, releasing the microneedle to penetrate the skin and output energy ;
2. Use fixed-point stamping to lift and move, and do not drag in circles or parallel sliding operations to avoid scratching the skin.
3. Make sure that each beam of energy is launched and the microneedle shrinks back to the top before lifting the handle, and place it in a stamped manner to overlap and cover about 30-50% of the adjacent area, and apply firm pressure after it is completely attached to the skin, and then step on the foot switch to start operation; sequentially operate in sections in the form of stamping. You only need to operate it 1 to 2 times, remember not to repeat it many times, which will affect the time for scab removal.
4. During the treatment, the handle should be vertically close to the skin. The handle should not be tilted or unbalanced. After each beam of energy is emitted and the microneedle is retracted to the top, the handle should be lifted and removed. Do not lift the handle or touch the skin falsely during the energy emission process;
5. Occasionally, depending on the unevenness of the treatment area, an additional 1-2 treatment gaps should be appropriately applied to optimize the results, so as to strengthen the post-treatment gap after completing the entire area.
6. When the operation depth exceeds 3mm, use firmer pressure to press against the skin to ensure the contact and coupling between the tip and the skin. The deeper the depth, the greater the pressure.
7. When treating thin skin/tissues such as the neck or cheekbones, forehead, bridge of the nose and other bony areas with protruding bone tissue and thin skin, the energy should be appropriately reduced, and the depth should be adjusted according to the individual skin condition;
8. During the operation, the hairline, eyebrows, eyeballs, lips, blood vessels, and Adam's apple should be avoided.
9. During the treatment process, observe the skin reaction at any time, ask the customer how they feel, and make timely parameter adjustments;

IV. MACHINE OPERATION


d. Treatment Steps

10. During the injection treatment, if there is bleeding from the needle point, you can prepare medical sterile gauze or a large cotton swab and wipe it while doing it.
11. During the treatment process, it is a normal reaction to feel a slight needling sensation or fever. Because each person's skin quality is different and the sensitivity of different parts of the body is different, the treatment experience and skin reaction will also be different; unbearable, Please inform the operator. If the customer feels abnormal, stop immediately and observe whether the skin reaction is too severe after treatment. If it is too heavy, reduce the energy or parameters appropriately.

V. PREPARATION BEFORE TREATMENT

1. Cleaning, disinfection, and application of numbing cream.
 - Before the treatment, the metal jewelry items worn on the body should be removed.
 - Before the treatment, deeply cleanse the skin.
 - If there is excessive hair in the treatment area, the excess hair should be shaved in advance.
 - Operators need to wear disposable medical gloves and disinfect them to prevent intraoperative infection.
 - Apply numbing cream evenly on the treatment area, and cover it with a layer of plastic wrap, wait for about 30-45 minutes, then clean and remove the anesthetic, wipe clean, and do a good job of skin disinfection; 70% alcohol can be used, iodophor and other disinfectants to disinfect the skin surface, and then use normal saline to wipe and clean the skin. If you have a record of allergies to numbing creams, please inform the doctor before the start of the treatment.
2. Tips for card swiping activation: E2 alerts "Please swipe card" appears on the interface of the working system, please put the card in the card swiping sensing area of the main unit and beep it, and when you hear the "beep beep" sound, the system automatically recognizes and then the E2 alert disappears, indicating that the card is swiped successfully.
3. Debug the machine
 - The operator should check the function of the handle and the probe before use, click the  start button, and then step on the foot switch to observe whether the needle of the probe protrudes and returns, and check whether the needle is bent or deformed. If there is a deformed needle, it cannot be used. If there is no problem, perform normal operation on the skin.
 - Before the treatment, adjust the appropriate parameters according to the skin condition of the treatment area and treatment demands of the customer. · Set up and confirm treatment parameters: If the expected endpoint of erythema and edema (in a pointed shape) is not achieved, increase the RF energy. If the response is too large, reduce the parameter.
4. Before treatment, apply numbing cream on the treatment area.

VI. POST TREATMENT CARE

1. Do not wet the treatment area within 3-5 days after the treatment to prevent infection. If necessary, it is recommended to clean with normal saline or distilled water after 24 hours. Cleanse gently, do not scrub the treatment area, use sterile gauze to blot dry.
2. Tiny scabs may appear after 1-3 days, and the scabs will fall off in about 5-10 days. Even if the scab is itchy, the scab should not be touched or scratched and should be allowed to fall off naturally. Do not touch the treatment area with your hands to prevent adverse conditions such as infection.
3. Avoid using facial cleansers, cosmetics, and powder skin care products before scab removal in the treatment area.
4. Avoid strenuous exercise, sauna, hot springs, high-temperature showers and other items within 7-10 days after surgery.
5. Do not massage and knead the treated area excessively and vigorously within 15 days after the operation.
6. Do not use skin care products containing irritating ingredients within 15 days after surgery, such as skin care products with irritating ingredients such as acid, A acid, salicylic acid, exfoliation, high-concentration vitamin C, and alcohol. So as not to irritate the skin and affect the repairing process of the skin.
7. Strictly do a good job in sun protection, anti-ultraviolet radiation, and anti-staining! Prioritize the use of hard sun protection measures, such as sunscreen masks, hats, umbrellas : it is recommended to use sunscreen after scab removal; protect the treatment area from excessive sunlight for at least one month after surgery.
8. Secondary exfoliation treatment items cannot be performed within one month after the operation.
9. Avoid eating too dark food after surgery, such as soy sauce, beef, etc.;
10. Avoid drinking alcohol, eating spicy and irritating food and seafood after treatment.



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