

User Manual

MS-7301FC



Preface

Dear Users:

We're pleased to present to you our anti-freezing fat blasting instrument, which is a powerful fat-dissolving and weight-losing instrument. It is effective for body shaping, fat-dissolving and weight-losing. It uses high-tech technology to achieve safe and effective body-building effect. MS-710-301FC is a professional weight-loss and anti-aging instrument, which requires professional trained operators to use. If the instrument is not used correctly, it may cause adverse consequences to the human body. Therefore, we hope that before operating this instrument, operators will first read this manual in detail and strictly comply with the guidance in the manual.

We believe that our high quality products will bring you good profits, and our perfect after-sales service will make you worry-free.

Thank you!

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Part I

Brief introduction

Cryolipolysis fat-freezing machine is the most popular weight-loss instrument at present. It can effectively replace the weight-loss items of various parts of the body in the beauty salon. It is simple, convenient and fast to operate, and can solve the skin and body management problems of beauty-lovers. This instrument is safe and effective, without injections, medicines, surgery and side effects. External use is throughout the entire process and has immediate results. Cryolipolysis is a non-invasive way to lose weight. It aims at and eliminates adipocytes in specific parts of the body, reduces fat thickness and makes the body curve more obvious.

Advantages

1. Procedure operation can be completed without operation and anesthesia.
2. It will not cause unevenness.
3. Significant effect, less prone to weight rebound.
4. Non-invasive and does not affect the normal working life.
5. Effectively remove cellulite, eliminate edema and dissolve fat.
6. Transfer fat and tighten skin.
7. Eliminates obesity in cellular tissues.
8. Dissolve and reduce fat, perfect curve of sculpture.
9. No damage to nerve, blood vessel and skin surface tissue during fat freezing.
10. The effect of freezing is only for the fat layer, so it will not freeze the viscera or the skin.
11. Three handles can work simultaneously, therefore saving time and energy.

Principles

Freezing and degreasing utilizes triglycerides in human fat to transform into solid state at low temperature of 5 degrees Celsius. The frozen energy is precisely controlled by a non-invasive freezing energy extraction device and transferred to the designated fat-soluble sites. The designated fat cells are targeted to eliminate and the designated fat cells reach a specific level when they are cooled. After low temperature, triglyceride transforms from liquid to solid, and dies one after another after crystallization and aging. Through metabolism, the body fat gradually decreases, thus achieving the effect of local fat-free and fat-soluble shaping.

Physical Effects

It utilizes a characteristic of the fat cells, which is particularly sensitive to low temperature, while adjacent tissue cells are less sensitive to low temperature, including blood cells and peripheral nerve cell, melanocyte, fiber cells or fat cells that contains less fat. The difference determines on specific low temperature (0-10°C), fat

cells will enter inactivation and have no effect on other tissue cells. The fat cells then go from normal liquid to solid at 4-5 °C . The temperature of the handle can be as low as 0 to -10 °C , and the temperature to the fat is about -4 to 5 °C . After about 45 minutes of freezing, the fat cells become solid. When fat cells become solid, they don't stay in the body for very long. Aging fat cells are expelled from the body by the liver and urine as the body's normal metabolism.

Effects

1. Disperse hard and thick fat and cellular tissue and dissolve adipocytes.
2. Reduce fat and eliminate obesity.
3. Relieve skin aging, tighten and shape, make skin firm and elastic.
4. Dissolve fat to build a perfect curved body.
5. Shape A4 waist, slender legs and small buttocks.

Applicable Range

1. Those with pear shape due to sedentary life.
2. Those with muffin top.
3. Those with fat legs.
4. Those with sagging skin.
5. Those who are overeating leads to obesity.
6. Those with postpartum abdominal relaxation, prominent belly, waist obesity, and atrophic lines.
7. Those who eat reasonably and exercise regularly, but still can't get rid of local fat.
8. Those with lumbar and abdominal fat.
9. Those with outward expanding hips, and unwanted fat.

Inapplicable Range

1. Those who had just undergone plastic surgery or liposuction. Those with prothesis or metal implants on treatment area.
2. Those who recently experienced certain injections, such as hyaluronic acid, intradermal injection, wrinkle removal, or plastic surgery.
3. Those with hypertension, heart disease, diabetes, severe thyroid and malignant tumors.
4. Those who are having an allergic reaction, or people with severe sensitive skin or allergic to metals.
5. Those with skin trauma or wound.
6. Those who are overaging.
7. Those who are during pregnancy, menstruation, lactation or convalescence.
8. Those with skin disease and contagious diseases.
9. Those who are unrealistic about the results.
10. Those with long-term or ongoing use of anticoagulants, vasodilators,

corticosteroids and other drugs.

11. Those with liver diseases.

Notes after Operation

1. Stay warm after treatment. Don't eat cold food. Avoid getting cold.
2. Take a bath after 4-6 hours.
3. Drink more warm water, supplement water and strengthen metabolism.
4. Avoid binge eating, drinking or staying up late.
5. Avoid eating cold or spicy food and allocate adequate sleep hours.
6. Avoid wearing crop top, backless clothes, miniskirts, shorts, etc.
7. Avoid scratching the treated area.

Part II

1. Detailed Operation

After checking that the instrument is connected properly, the following starting interface will appear when the power supply is turned on.



1.1 Function Selection



Start/Pause



Home



Restore



Energy Display (Alert when abnormal temperature occurs)



Water Tank Display (Alarm when the water volume is low)



Time Adjustment of Handles



Temperature Adjustment of Handles



Suction Tuning of the Three Handles



Start

1.2 Detailed Operation: Vacuum Fat-Freezing of Jaw Handle



Select and adjust the parameters



Working Time Adjustment of the Jaw Handle (We advise

10-30 min as the ideal treatment period. It varies however based on individual differences. 15 min treatment is recommended for first-time users.)



Temperature Adjustment of the Jaw Handle (-10 to 15°C;
We recommend you keep it around 0°C.)



Select parameters and click to start the machine, then



click to start the handle operation on jaw.



Fine tuning the first knob to adjust the suction based on the own comfort level.

1.3 Detailed Operation: Vacuum Fat-Freezing of Body Handle



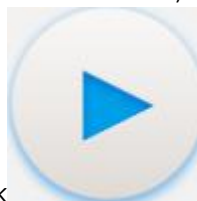
Select and adjust the parameters



Working Time Adjustment of the Jaw Handle (We advise
10-30 min as the ideal treatment period. It varies however based on individual
differences. 15 min treatment is recommended for first-time users.)



Temperature Adjustment of the Jaw Handle (-10 to 15°C;
We recommend you keep it around 0°C.)



Select parameters and click to start the machine, then



click to start the handle operation on body.

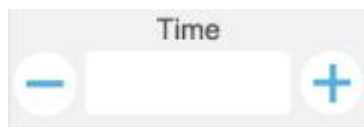


Fine tuning the second knob to adjust the suction based on the own comfort level.

1.4 Detailed Operation: Vacuum Fat-Freezing of Body Handle



Select and adjust the parameters



Working Time Adjustment of the Jaw Handle (We advise

10-30 min as the ideal treatment period. It varies however based on individual differences. 15 min treatment is recommended for first-time users.)



Temperature Adjustment of the Jaw Handle (-10 to 15°C;

We recommend you keep it around 0°C.)



Select parameters and click to start the machine, then



click to start the handle operation on body.



Fine tuning the third knob to adjust the suction based on the own comfort level.

Note: Three handles can work at the same time. Select corresponding handles to operate based on the own case.

2. Technical Parameters

Power supply Input:100V-240V

Power : 500W

The cooling vacuum handle

Power:72W

Vacuum: 0-80Kpa

Output temperature: -10 to 15°C

Size(Optional):167*63*86 mm (big size); 142*57*86 mm (medium size); 142*57*86 mm (small size)

Led light: Red(610-30nm-650nm)

Cooling system:air and water

3.Dos and Dont's

1. Please remove the cotton pad and clean the device with saline and keep it properly stored after each operation.
2. Use a grounding pin and make sure the power socket of the device is properly connected before each operation.
3. Ensure that the voltage of the device is appropriate. If the voltage of the local power supply is unstable, we recommend that users increase to the matching power voltage.
4. In order to ensure the therapeutic effect and normal service life expectancy of the device, please use the specified accessories provided or recommended by the original manufacturer.
5. The device should not be placed in wet environment or near water, nor should they be directly exposed to sunlight.
6. Do not place the device near a strong heat source, because this may affect the life and normal use of the device.
7. Before treatment, please remove all metal objects from the body first, so as to avoid unexpected conditions and influence the curative effect.
8. Do not use on eyes, thyroid gland, parathyroid gland, testis, abdomen of pregnant women and atrial pulse generator.
9. Patients who are suffering from illness should be consult with a doctor and gain permission from the doctor before using.
10. Please turn off the power switch of the device, and ensure that the total power supply of the device is turned off before the staff leaves after daily use, so as to ensure the safety of the electrical products.
11. Use device or train device operators in strict accordance with instructions in the

user manual.

12. When taking other weight-loss drugs, it is recommended to stop taking them for 1 to 2 months before using this instrument. If you lose weight immediately, you should extend the course of treatment.

13. Don't use the instrument with an empty stomach. After a full meal, wait at least 1 hour before a course of weight loss treatment.

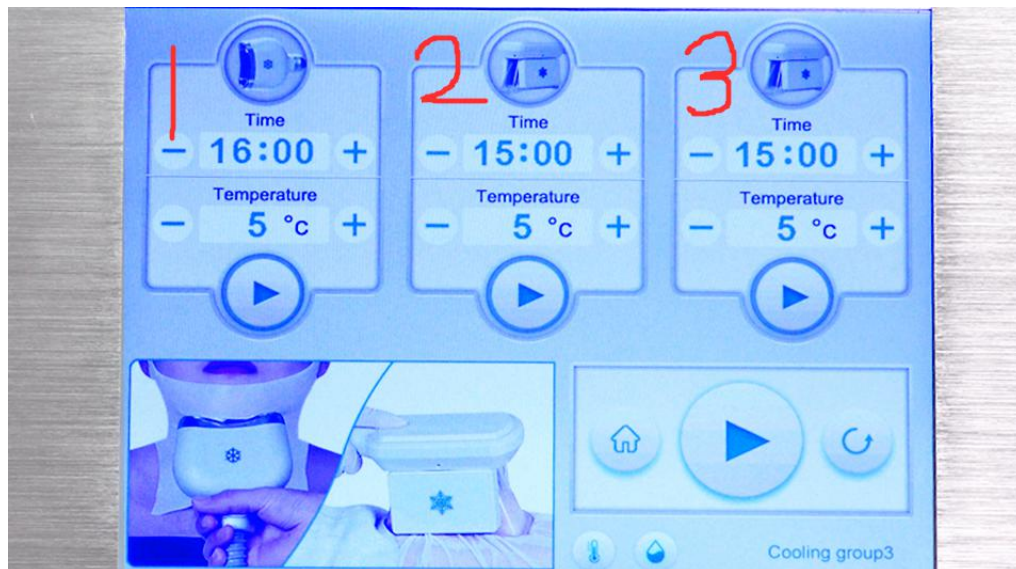
14. When operating, the instrument should fully touch the skin to avoid uneven heat.

15. Start at the lowest level of energy at the beginning of the operation, then slowly add up.

16. When using this device, the operating parts must be kept moist and dry skin should be avoided.

17. Clean the instrument with normal saline after operation to ensure its cleanliness and hygiene and prolong its service life.

18. Three knobs on the side of the machine are suction of three handles.



4. Troubleshooting & Solutions

1. The instrument cannot be started, but the key light on the back of the instrument does not work?

- A. Make sure the power cord is connected to a valid power socket.
- B. Whether the fuse tube on the back of the instrument is loose or burnt out.

2. The instrument stopped working after clicking on start button?

- A. It may be that the water flow of the instrument is insufficient for it to detect the flow.
- B. Check whether the water tank is short on water.

3. No suction when clicking on the start button?

- A. Press the start button first, then press the start button of a single handle.
- B. Check whether the twisting knob is at the the minimum suction level, which can be adjusted.
- C. Check whether the time has been set to zero, and adjust the time if it is set to zero.

4. I can start the instrument, but the screen show's error message?

- A. Please unplug the power plug behind the instrument and wait for about 1 minute before restarting the instrument.
- B. If the above methods cannot be handled, please contact the instrument dealer for assistance.

5.FAQs

1. Q: Are there any side effects of fat freezing method?

A: Freezing weight loss is a completely non-traumatic and painless way to reduce fat. By using the principle that adipocytes are not cold-tolerant compared with other cells, adipocytes die early because of low temperature. Professional frozen constant temperature can maintain only on adipocytes, but not on other tissues of the body, without affecting skin or muscle. Fat cells after death are excreted from the body by metabolism, so there are no side effects on the body.

2.Q: How to lose weight by freezing fat?

A: Cryolipolysis fat-freezing plates are placed on the surface of human skin, cool subcutaneous tissue to 5°C, aging adipocytes ahead of time, and dying one after another, excreting in vitro through metabolism to achieve the effect of slimming.

The designated part of the adipocytes in clod temperature transforms from liquid to solid, crystallize and age and discharged in vitro through metabolism, and body fat gradually reduced, so as to achieve the effect of local fat-soluble shaping.

3. Q: Is it effective to dissolve fat with cryolipolysis fat-freezing?

A: The triglyceride contained in human fat will be transformed into solid at 5 °C . The cryolipolysis handle will be placed where the fat will be removed. The fat will quickly coagulate into frozen shape and the cells will be depleted (the cells will fall off and die according to the growth law). Dead cells are treated as garbage in the body, which is excreted through metabolism, and the body fat decreases, thus achieving the effect of local fat-soluble shaping. Therefore, frozen fat-soluble is an effective way to lose weight.

4. Q: Do I need to control diet and exercise after treatment?

A: After cryolipolysis fat-freezing treatment, you should exercise regularly and pay attention to diet, because it only reduces body fat, and does not fundamentally improve the basic metabolism, so if you do not control diet and strengthen exercise, there will be a weight rebound.

5.Q: Why is anti-freezing membrane required for the operation?

A: According to the principle of heat and cold in human skin, gene molecules are mixed in the anti-freezing membrane. After clinical testing, the anti-freezing membrane has proven to effectively prevent frostbite of the skin and is suitable for all skin.

6. Q: How long can I start seeing results of cryolipolysis fat-freezing treatment ?

A: It takes about 1 to 2 months, which is related to individual constitution and metabolism. The treatment is based on the principle that adipocytes are not cold-resistant. It takes a period of time to see that adipocytes are frozen to death and wither at about 5°C and then discharged through body metabolism.

7. Q:Does it hurt during the process?

A: Because of the effect of vacuum in fat-freezing treatment, you can feel at most a slight pull feeling and local intense coldness on treated area. This kind of feeling is more apparent at the beginning . Generally single treatment time is 45 minutes or so. After the treatment, you may experience a little swelling numbness on treated area. But it doesn't get in the way of daily activities.

8. Q: Why can't I massage the treated area after operation?

A: After cryolipolysis fat-freezing treatment, the treated area will appear temporary redness, congestion and numbness and will disappear naturally in 1-2 weeks. If you rub it by hand at this time, it will aggravate skin damage and congestion due to the decreased elasticity of the frozen skin.

6.Packing List

1 x Host machine

2 x Cooling Vacuum handle(optional)

1 xChin Cooling handle

1 x Holder for the cooling handle

1 x Power cord Both 110v and 220v voltage (frequency: 50/60Hz) version are available. Also we stock the USA, UK, AU, EU plug to suit for the country all over the world.)

7.Operational Diagrams

Parameter Adjustment	Product	Techniques	Diagrams
Shaping Arms: 10-30 minutes, once/month			
Temperature: -5℃ Time: 10-30 min Suction Level: adjust subjecting the customer's comfort level	Towel + Anti-freezing Membrane+ Machine	1. Wipe clean arm with towel. 2. Select anti-freezing membrane according to the size of the fat part of the arm and apply it evenly. 3. Set time and temperature of the plate. 4. Fixate the anti-freezing plate between the strap and the membrane. Adjust suction subjecting the customer's comfort level. Treatment time 10-30 min. Treatment time depends on customer's body condition 5. Turn off the machine and take membrane and plate off. Wipe clean treated area.	No Diagrams
Suggested treatment: Four treatments account for one full course. After one treatment, redness, swelling, congestion and numbness will gradually disappear. In 2 weeks you will gradually feel that fat is decreasing, and in 2 months fat thickness reduce visibly. After a full course,			

you will see visible results like reduced size, slender arms and tight skin. At later stages it can be done every 3 month for consolidating and strengthening effect.

Shaping Waist & Abdomen: 10-30 minutes, once/month

Temperature: -5°C Time: 10-30 min Suction Level: adjust subjecting the customer's comfort level	Towel + Anti-freezing Membrane+ Machine	<ol style="list-style-type: none"> 1. Wipe clean waist and abdomen with towel. 2. Select anti-freezing membrane according to the size of the fat part of the waist and abdomen and apply it evenly. 3. Set time and temperature of the plate. 4. Fixate the anti-freezing plates between the strap and the membrane on sides of the waist. Adjust suction subjecting the customer's comfort level. Treatment time 10-30 min. Treatment time depends on customer's body condition 5. Turn off the machine and take membrane and plate off. Wipe clean treated area. 	No Diagrams
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Suggested treatment:

Four treatments account for one full course. After one treatment, redness, swelling, congestion and numbness will gradually disappear. In 2 weeks you will gradually feel that fat is decreasing, and in 2 months fat thickness reduce visibly. Fat thickness reduce by 22% in average but the result varies on an individual basis. You will reduce excess fat and achieve the effect of weight loss after a course of treatment. After a full course, you will see visible results like slender waist, tight skin and reduced beer belly. At later stages it can be done every 3 month for consolidating and strengthening effect.

Shaping Back: 10-30 minutes, once/month

Temperature: -5°C Time: 10-30 min	Towel + Anti-freezing Membrane+ Machine	<ol style="list-style-type: none"> 1. Wipe clean back with towel. 2. Select anti-freezing membrane according to 	No Diagrams
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Suction Level: adjust subjecting the customer's comfort level		<p>the size of the fat part of the back and apply it evenly.</p> <p>3. Set time and temperature of the plate.</p> <p>4. Fixate the anti-freezing plate between the strap and the membrane. Adjust suction subjecting the customer's comfort level.</p> <p>Treatment time 10-30 min.</p> <p>Treatment time depends on customer's body condition.</p> <p>5. Turn off the machine and take membrane and plate off. Wipe clean treated area.</p>	
<p>Suggested treatment:</p> <p>Four treatments account for one full course. After one treatment, redness, swelling, congestion and numbness will gradually disappear. In 2 weeks you will gradually feel that fat is decreasing, and in 2 months fat thickness reduce visibly. Fat thickness reduce by 22% in average but the result varies on an individual basis. You will reduce excess fat and achieve the effect of weight loss after a course of treatment. At later stages it can be done every 3 month for consolidating and strengthening effect.</p>			
Shaping Leg: 10-30 minutes, once/month			
<p>Temperature: -5°C</p> <p>Time: 10-30 min</p> <p>Suction Level: adjust subjecting the customer's comfort level</p>	Towel + Anti-freezing Membrane+ Machine	<p>1. Wipe clean leg with towel.</p> <p>2. Select anti-freezing membrane according to the size of the fat part of the leg and apply it evenly.</p> <p>3. Set time, suction and temperature of the plate.</p> <p>4. Fixate the anti-freezing plates between the strap and the membrane on sides of the leg. Adjust suction subjecting the customer's comfort level.</p> <p>Treatment time 10-30 min.</p> <p>Treatment time depends on customer's body</p>	No Diagrams

		condition 5. Turn off the machine and take membrane and plate off. Wipe clean treated area.	
Suggested treatment: Four treatments account for one full course. After one treatment, redness, swelling, congestion and numbness will gradually disappear. In 2 weeks you will gradually feel that fat is decreasing, and in 2 months fat thickness reduce visibly. Fat thickness reduce by 22% in average but the result varies on an individual basis. You will reduce excess fat and achieve the effect of weight loss after a course of treatment. After a full course, you will see visible results like reduced size, slender legs, tight skin and reduced adipose on legs. At later stages it can be done every 3 month for consolidating and strengthening effect.			
Shaping Jaw:10-30 minutes, once/month			
Temperature: -5°C Time: 10-30 min Suction Level: adjust subjecting the customer's comfort level	Towel + Anti-freezing Membrane+ Machine	1. Wipe clean jaw with towel. 2. Select anti-freezing membrane according to the size of the fat part of the jaw and apply it evenly. 3. Set time, suction and temperature of the plate. 4. Fixate the anti-freezing plates between the strap and the membrane on the fat part of the jaw. Adjust suction subjecting the customer's comfort level. Treatment time 10-30 min. Treatment time depends on customer's body condition. 5. Turn off the machine and take membrane and plate off. Wipe clean treated area.	No Diagrams
Suggested treatment: Four treatments account for one full course. After one treatment, redness, swelling, congestion and numbness will gradually disappear. In 2 weeks you will gradually feel that fat is decreasing, and in 2 months fat thickness reduce visibly but the result varies on an individual basis. You will reduce excess fat and achieve the effect of weight loss			

after a course of treatment. After a full course, you will see visible results like reduced double chin, clear facial contour, and tight skin. At later stages it can be done every 3 month for consolidating and strengthening effect.

Shaping Buttocks: 10-30 minutes, once/month

Temperature: -5°C Time: 10-30 min Suction Level: adjust subjecting the customer's comfort level	Towel + Anti-freezing Membrane+ Machine	<ol style="list-style-type: none"> 1. Wipe clean buttocks with towel. 2. Select anti-freezing membrane according to the size of the fat part of the buttocks and apply it evenly. 3. Set time, suction and temperature of the plate. 4. Fixate the anti-freezing plates between the strap and the membrane on the fat part of the buttocks. Adjust suction subjecting the customer's comfort level. Treatment time 10-30 min. Treatment time depends on customer's body condition. 5. Turn off the machine and take membrane and plate off. Wipe clean treated area. 	No Diagrams
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Suggested treatment:

Four treatments account for one full course. After one treatment, redness, swelling, congestion and numbness will gradually disappear. In 2 weeks you will gradually feel that fat is decreasing, and in 2 months fat thickness reduce visibly but the result varies on an individual basis. You will reduce excess fat and achieve the effect of weight loss after a course of treatment. After a full course, you will see visible results like reduced size, reduced unwanted fat on buttocks and firm buttocks. At later stages it can be done every 3 month for consolidating and strengthening effect.

Body Sculpting: 10-60 minutes, once/month

Temperature: -5°C Time: 10-30 min Suction Level:	Towel + Anti-freezing Membrane+ Machine	Buttocks <ol style="list-style-type: none"> 1. Wipe clean buttocks with towel. 2. Select anti-freezing membrane according to 	No Diagrams
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		<p>2. Select anti-freezing membrane according to the size of the fat part of the waist and abdomen and apply it evenly.</p> <p>3. Set time and temperature of the plate.</p> <p>4. Fixate the anti-freezing plates between the strap and the membrane on sides of the waist. Adjust suction subjecting the customer's comfort level. Treatment time 10-30 min. Treatment time depends on customer's body condition.</p> <p>5. Turn off the machine and take membrane and plate off. Wipe clean treated area.</p> <p>Leg</p> <p>1. Wipe clean leg with towel.</p> <p>2. Select anti-freezing membrane according to the size of the fat part of the leg and apply it evenly.</p> <p>3. Set time, suction and temperature of the plate.</p> <p>4. Fixate the anti-freezing plates between the strap and the membrane on sides of the leg. Adjust suction subjecting the customer's comfort level. Treatment time 10-30 min. Treatment time depends on customer's body condition.</p> <p>5. Turn off the machine and take membrane and</p>	<p>Notice: Your waist and abdomen may experience an obvious tight feeling. Stronger the suction level is, tighter feeling you may feel.</p> <p>Two plates can be used at the same time. Bubble may appear during the process due to constant suction and there's air between anti-freezing membrane and the plates!</p> <p>Slight redness, swelling, and petechiae may appear after treatment, which is normal so there's no need to worry!</p> <p>Notice: Your legs may experience an obvious tight feeling. Slight redness, swelling, and petechiae may appear after treatment, which is normal so there's no need to worry!</p>
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		plate off. Wipe clean treated area.	
Suggested treatment: Four treatments account for one full course. After one treatment, redness, swelling, congestion and numbness will gradually disappear within a week. In 2 weeks you will gradually feel that fat is decreasing, and in 2 months fat thickness reduce visibly. After a full course, you will see visible results like reduced size, slender body, tight skin. At later stages it can be done every 3 month for consolidating and strengthening effect.			
Note: Three knobs on the side of the machine can be used to adjust suction of the three plates. Three handles can work simultaneously.			