

# Cavitation RF Laser Lipolysis instrument User Manual



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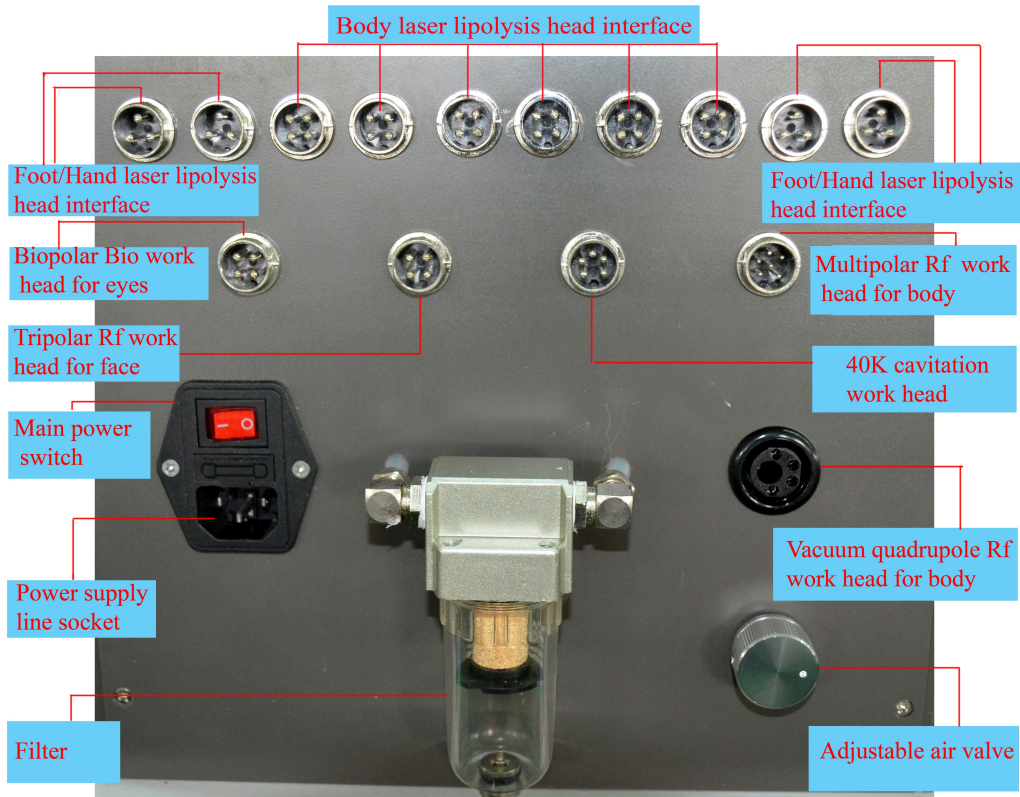
## Foreword

Thanks for using our company's products, in order to fully make use of the products, we sincerely suggests follow:

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

**This product does not belong to medical usage, please don't use for disease treatment!**

## Parts Introduction



## Accessories



40K cavitation work head



Tripolar RF for face



Multipolar RF for body



Vacuum quadripole RF work head



BiO for eyes



Hand / Foot laser lipolysis head \*4 pcs



Body laser lipolysis head \*6 pcs



Black bandage

## 1. Overview

This instrument has combined with the fourth most powerful technology, 40K cavitation, RF, vacuum and BIO.

## 2. Fat removal

Using gathered strong sound waves of the 40000HZ frequency waves, extreme strong vibrating fat cells, and produce countless really air hole inside in fat cells, then puissantly hit the fat cells, which make fat cell membranes produce introverted blasting, and make triglycerides decomposed into glycerol and free fatty acid, again by frequency reaches 0.5MHZ rf waves, make the decomposition of glycerin and free fatty acid eduction body outside through hepatoenteral circulation, finally tightened by power red light and energy electrode positioning blasting, so as to achieve the effect of blasting fat and tightening body.

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## 2. Lymph drainage, skin firming, skin elasticity enhancing

Take the advantage of the most advanced rf technology and energy radio frequency, it has the function of rf output targetly and can directly reach the fat

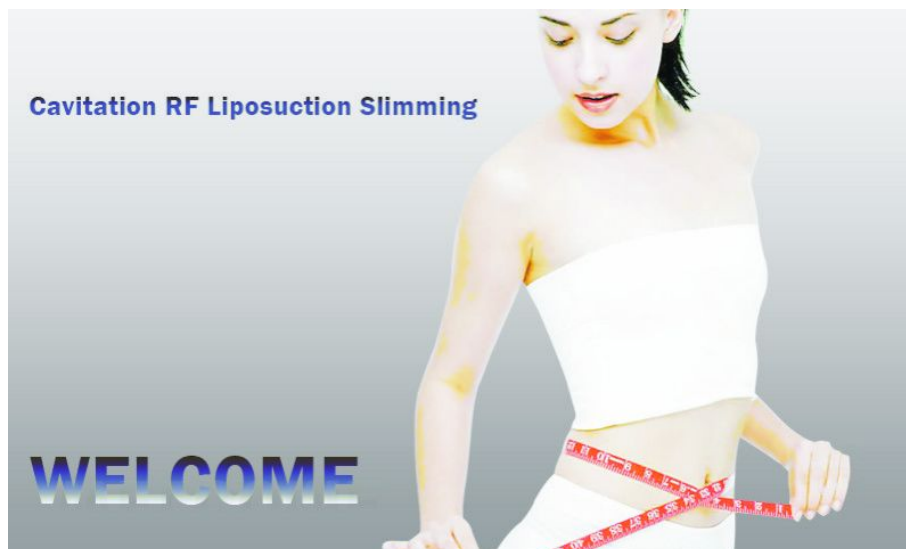
cells. The fat cells will turn into the fast active state, and produce friction heat

which will increase the local temperature, Then diasharge the body extra fat and toxins from the body through the sweat glands, enterohepatic circulation and lymphatic in order to achieve the effect of fat dissolve.

## 3. Orange peel removal, body slimming

The biological wave which is produced by the energy electrodes will stimulate the corresponding acupoint of body, make use of different frequency and pulse, in a variety of physical electronic coordination under the interaction of fat body effective stimulation, let the body move and consume calories and fat, in order to achieve the effect of body slimming.

### Opening Interface:



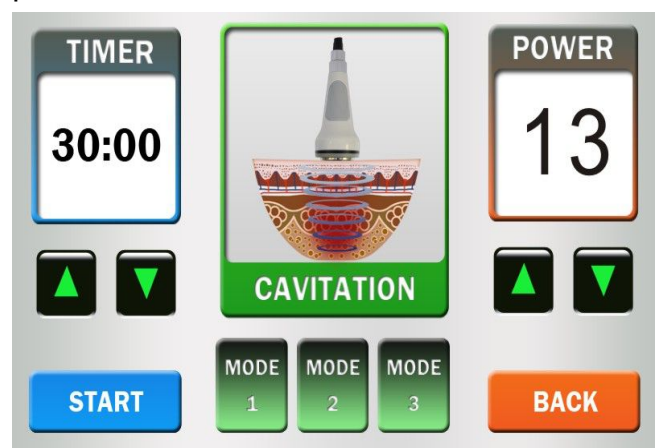
## Click any place to enter the functions interface



## Click “CAVITATION” to enter the 40K cavitation system

**TIME SET:** 30:00 for default working time; **Working Time:** Actual working time parameters.

1. System default working time is 30 minutes, time range is 0:00~60:00 minutes, press one time to change one minute.
2. The system default worked time is 0 minutes, this worked time is used to record the total time of the instrument worked. Before working, it will be 0 minute.
3. The system default Intensity is 0. The intensity range is 0~10 (standard parameters), press one time to change one unit of standard



4. The system default output of band is the third one (Continuous band), you can choose the band by click the band mode.
5. Click “START”, it starts working and “STOP” for stop working  
Press “BACK”, you can get back to the operation interface.
6. Beautician hold the cavitation explode work head to move slowly on skin, in circle or beeline repeatedly.
7. Do not use on back, avoid using on bones.
8. Do not use on uterus part when women do abdomen care. Abdomen treatment during menstruate should be avoided.
9. The machine will pause automatically if the setting time is over. Please click any place of the screen according to the hint.
10. Clean the leftovers with hot towel, use warm towel to clean the cavitation explode work head.

## Caution for using 40K



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1. Applied enough gel on skin need treated.
  2. Do not stay unmoved on any part of your body ,do not stay on bones.
  3. The total treatment time for daily should be within 30 minutes.
  4. There will be ultrasonic only when you step on the service brake while using 40K cavitation explode work head.
  5. Do not allowed to be placed under the state of no-load to avoid the damage caused by high heat.
  6. 40K work head can be used on fresh part of the body, Do not use for facial. If the skin is sensitive or becomes unhealthy, the strength of the power should be adjusted down.

## **Multipole circulation RF principle**

**【 Skin rejuvenation principle 】** The circulation medical radio frequency system in 1 seconds will change the electric polarity in electric field millions times of the biological tissue of the therapeutic part, particles of the organization will do Brownian motion(molecular no rules movement) as the same frequency which will make the organization produce columnar distribution of heat, damage collagen hydrogen bonding structure and change the collagen molecules of the three spiral structure, and lead to the immediate collagen sex contraction and as a result of the treatment effect of firming skin; According to adjusting the energy output, the circulation system makes skin tissues have mild, moderate and severe heat aggression three stages which is similar as the three stages in wound healing (inflammation stage, growth stage, remodeling stage), improve leather remodeling shape, so as to reconstruct the skin and dispel light, medium, heavy wrinkles uterus Calvin lines and the r skin flabby after losing weight. The effect is long lasting.

**【 De-fatting body slimming principle 】** The medical circulation rf system will produce columnar distributed hea in the subcutaneous tissue and fully make triglycerides release from the fat cells. Under the action of lipase the triglyceride will cracking into fatty acids and glycerin, then eliminated from the body along with the metabolism. Because of the intelligent system, the medical circulation rf instrument can orientate the fat cells, and release triglycerides quantitatively, thus achieved the localization, the effect of reducing weight rationally and quantitatively.

## **MULTIPOLAR RF SYSTEM**

## Click “MULTIPOLAR RF SYSTEM-BODY”

1..System default working time is 30 minutes, time range is 0:00~60:00 minutes, press one time to change one minute.

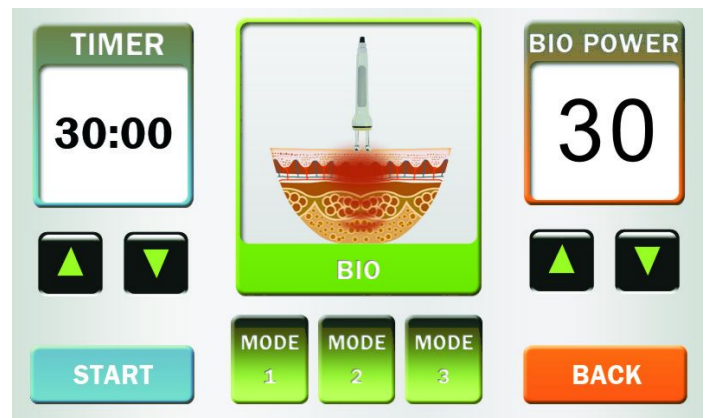
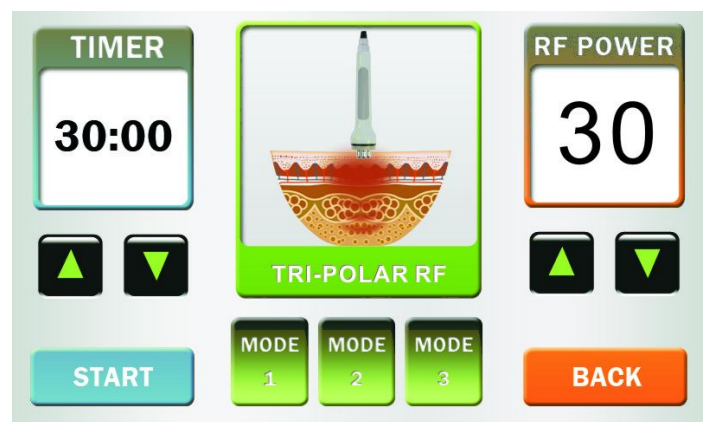
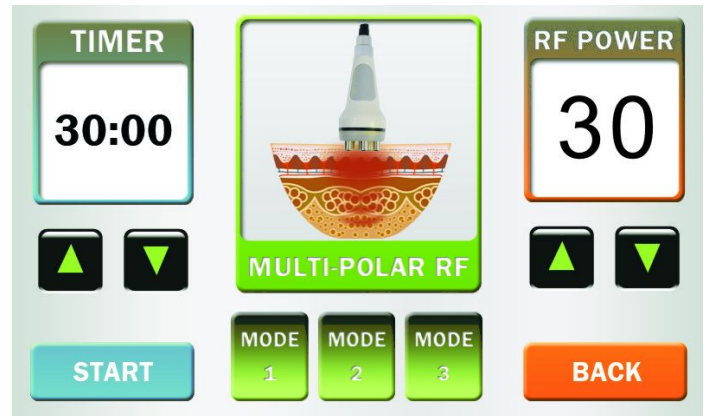
2. The system default worked time is 0 minutes, this worked time is used to record the total time of the instrument worked. Before working, it will be 0 minute.

3. The system default Intensity is 0. The intensity range is 0~50w /cm<sup>2</sup>, press one time to change 1 w /cm<sup>2</sup>. The working mode of BIO is from P1~P6, and intensity is from 0~30.

4. RF operating power is of 0 to 50 levels to choose, BIO selectable operating modes 3 levels, BIO working power total 0 to 20 levels to choose.

5. The system default output of band is the third one (Continuous band), you can choose the band by click the band mode. Click “START”, it starts working and “STOP” for stop working.

6. Press “BACK”, you can get back to the operation interface.



## VACUUM STRONGSOUND WAVE SYSTEM



Click “Vacuum strong sound wave system” to enter into the operation interface.

1. System default working time is 30 minutes, time range is 0:00~50:00 minutes, press one time to change one minute.

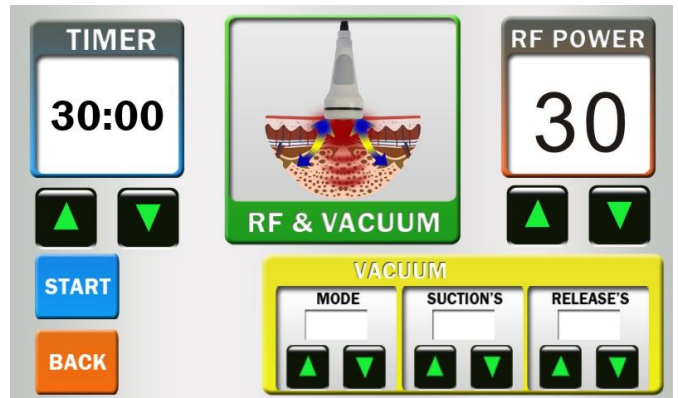
2. The system default worked time is 0 minutes, this worked time is used to record the total time of the instrument worked. Before working, it will be 0 minute.

3. System default intensity is 0, which can adjust to choose other intensity range.

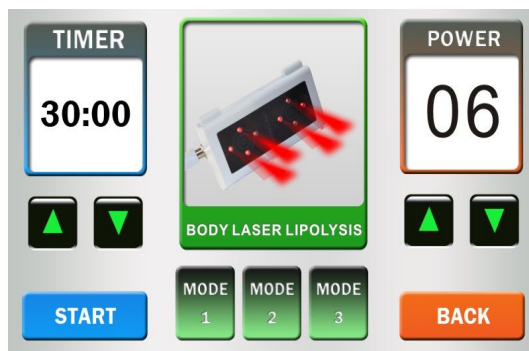
**MODE:** Vacuum mode selection. **INTENSITY:** 6 modes for Vacuum intensity selection **MODE:** Vacuum inhale and deflate time, from **P1~P6**; **P6** is long suction; **P1**, suck 0.5S & release 0.5s(second); **P2** suck 1.0s & release 1.0s; **P3** suck 3.0s & release 1.0s; **P4** suck 4.0s & release 1.0 s; **P5** suck 5.0s & release 1.0s; **P6** suck 8.8s constant suction. Different modes can be selected according to the different parts. Host behind the circular suction modulation valve adjustable suction deflated(deflated to the left, twist to the right suction)

4. RF Intensity can be chosen from 0 to 50, and you can adjust as you need.

5. Click “START”, instrument to work. Click “STOP”, the instrument stopped working. Click to return (BACK), and returns to the user interface.



## Laser Lipolysis System



1. System automatically enters to time operating: default working time is 30 minutes, adjustable time range(0~60 minutes). Each click is one minute.

2. System default power is 0. Adjustable intensity range of output power is 0-6. Each click intensity increases or decreases one standard parameter.

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3. System default Mode of Laser Lipolysis is the first mode, 3 modes adjustable in total.

4. Click **STRAT**, the instrument start working. Click **STOP**, the instrument stop working. Press **BACK**, it returns to the operation interface.

5. Two kinds of mode of Laser Lipolysis can run in the same time and it's available to click **Back** to return to the operation interface to make other working heads start working while other modes can not.

It can't be adjustable when the instrument is running. Click Stop and then adjust the parameter.

### **Laser lipolysis treatment principle**

Laser lipolysis principle, playing a direct role in the body's subcutaneous fat layer, dissolved the subcutaneous fat. Even the thick part of the waist, legs, back fat, can simply be used in melting fat under the low negative pressure. This product is a medical and cosmetic equipment combined with fat burning body sculpting, blood lymphatic drainage, blood stasis. Using rhythm strong suction principle, massage abdomen, broken fat, relax the conjunctive tissue, and improve the body shape. And thus makes efficacy on weight losing and beauty body. Another advantage of laser burning fat, promote blood circulation, stimulate stagnant water excretion, eliminate edema, while promoting the circulation of the lymphatic system, and eliminating the around lymphatic toxins, at the same time, laser irradiation can promote collagen regeneration, and boot subcutaneous collagen fibers.

### **4. Operation tips**

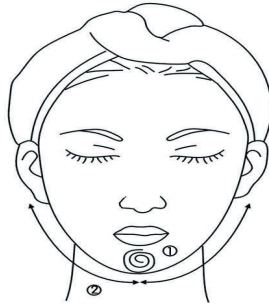
- 1) The work head should be close contact with the skin when doing treatment.
- 2) The beautician should adjust the intensity according to the client's feelings.
- 3) Clean the skin with warm towel after treatment.
- 4) Please keep moving on the skin in circles or lines gently and continually. Don't stop on the skin.

### **5. Operation methods**

## ✳Face

### Operation schematic drawing of Tripolar RF work head for face

- ① Massage the mandible center in circles to produce deep heat.
- ② Massage lower jaw in lines.



- ③ Massage the triangle zone of both sides of the face in circles.
- ④ Massage from jaw to angulus oris to ear in lines.

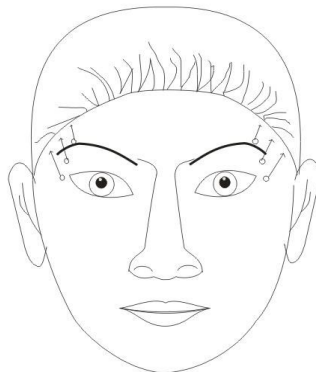


### Operation schematic drawing of BIO head for eyes

**1. Muscles: Muscle of the temple.**

**Movement:** One hand will fix 2mm inside the skin of the head and the other one will push upwards along the temple for about 10 seconds.

**Effect:** To uplift the tails of the eyes and the tails of the brows.



**2. Muscles: Orbicular**

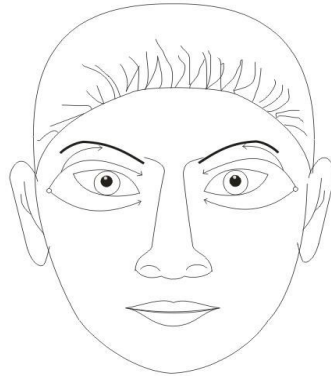
**muscle of eye**

**Movement:** One hand will fix by the inner side of the cathus and the other

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one will slowly and gently push inwards from the tails of the eyes for five seconds. And the operation for the upper eyelid and the lower eyelid will be carried out respectively.

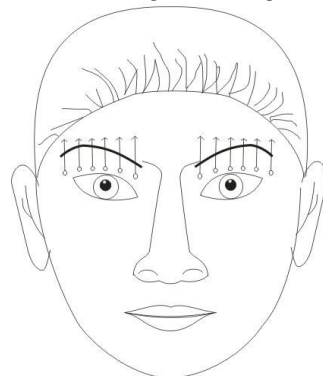
**Effect:** To get rid of crow's-feet, edema by the eyes, dark circle and pouches.



**3. Muscles: Corrugator.**

**Movement:** One hand will fix at the upper part of the brows and the other one will push upwards from the lower part of the brows.

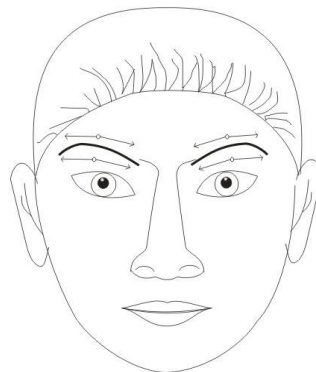
**Effect:** To uplift the brows and improve puffiness of the upper eyelid.



**4. Muscles: Corrugator. Musculus frontalis.**

**Movement:** The two hands will be placed at the upper part, the central part and the lower part of the brows and pull out towards converse directions.

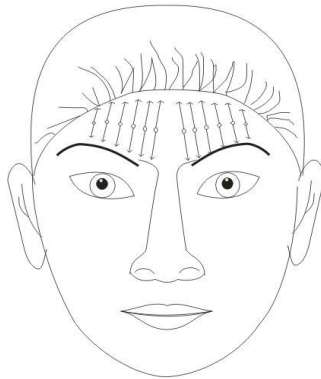
**Effect:** To avoid the generation of furrows on the forehead.



**5. Muscles: Musculus  
Movement: The two**

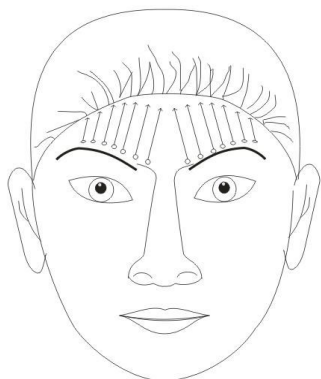
**frontalis.  
hands will be placed in**

the center of the forehead and pull out vertically in converse directions.  
Effect: To get rid of horizontal forehead lines.



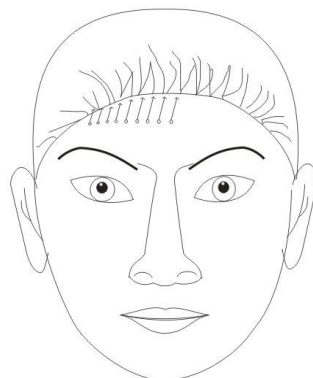
**6. Muscles: Musculus frontalis.**

**Movement:** One hand will fix 2mm inside the skin of the head and the other one will push inwards from the center of the forehead to the skin of the head.  
**Effect:** To get rid of the forehead lines.



**7. Muscles: Musculus frontalis.**

**Movement:** One hand will fix along the sideline of the skin of the head and the other one will uplift from the brows for about five seconds.  
**Effect:** To uplift the brows and reinforce musculus frontalis



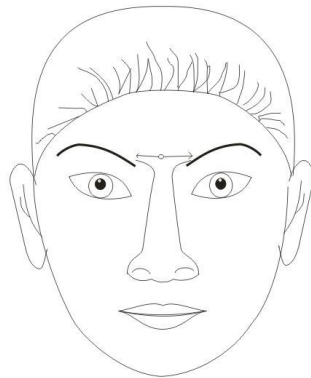
**8. Muscles: Musculus nose cone**

**Movement:** The two hands will be placed at the core between the two

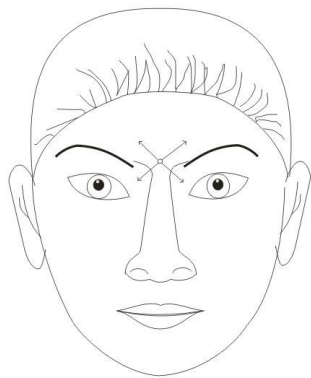


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brows and will slowly pull out in converse directions.  
Effect: To get rid of the furrows between the two brows.

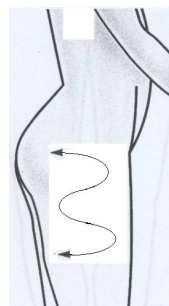
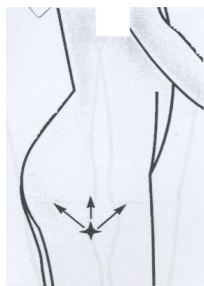
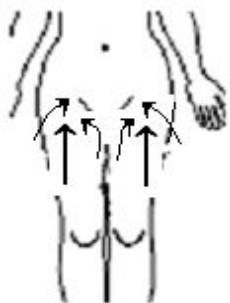


**9. Muscles: Musculus nose cone.**  
**Movement:** The two hands will be placed at the core between the two brows and will pull out in diagonal direction.

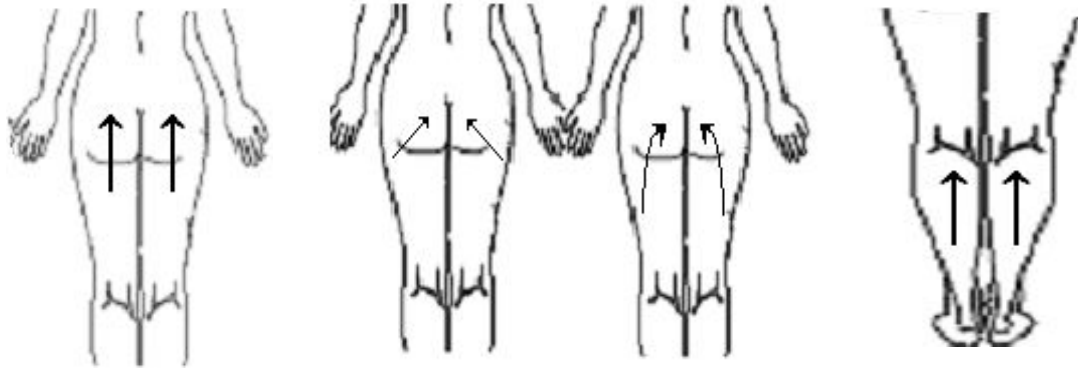


## ※BODY

1. From the order of inner thigh→front thigh→outer thigh lift to groin.
2. Move in directions of “Z” or “8” for inner thigh and outer thigh treatment.



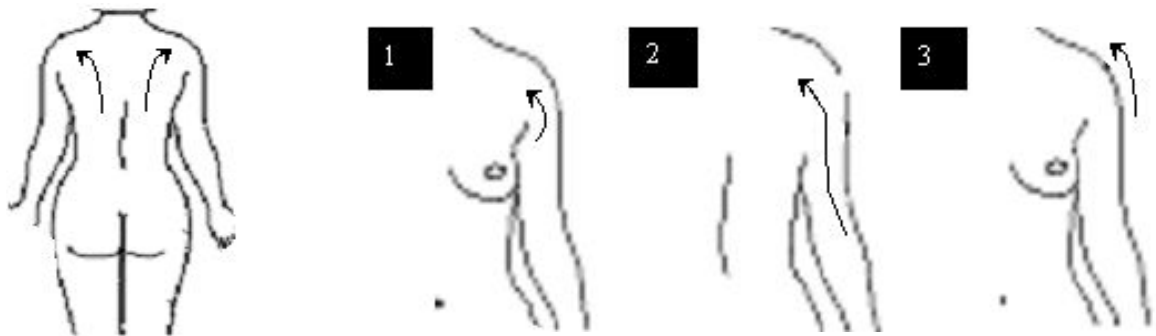
**3. Lift from outer thigh to hip.**



4. Lift the leg in "Z" or upward.

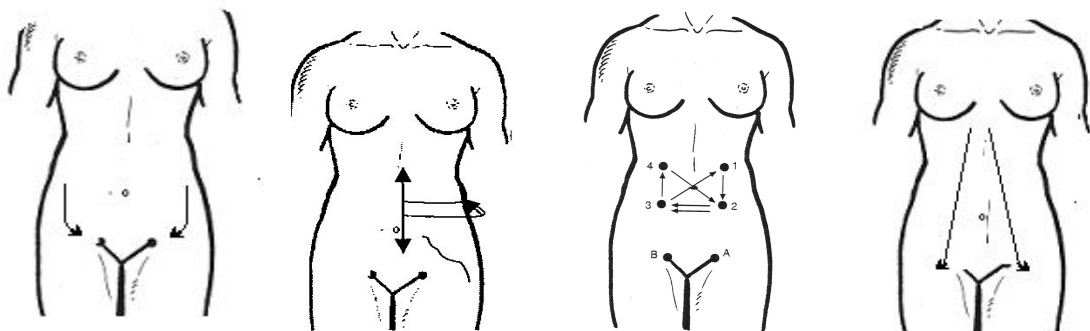
### ※Back and arms

- 1、 From the upper spine center of the back to the lymph gland under armer.
- 2、 Lift the back arm to the lymph gland under armer.
- 3、 Lift the front arm from down to up.



### ※Abdomen

1. From the lower spine center of the back to the front waist and end at the groin.
2. Ascending colon → transverse colon → descending colon → groin in clockwise



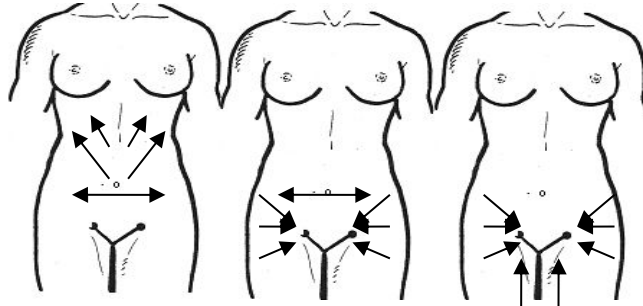
3. Lift the stomach to groin in "A".

- 1) The upper abdomen: drainage the liquid to the lymph gland under

oxter.

2) Abdomen: drainage the liquid to the lymph gland of groin.

3) Waist: drainage the liquid to the lymph gland of groin.

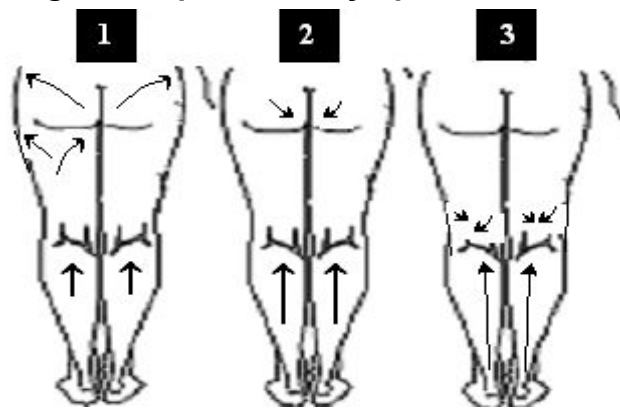


**※Hip and thigh**

1. Hind leg: drainage the liquid to the lymph gland of groin.

2. Leg: drainage the liquid to the lymph gland of yue guo.

3. Joint: drainage the liquid to the lymph.

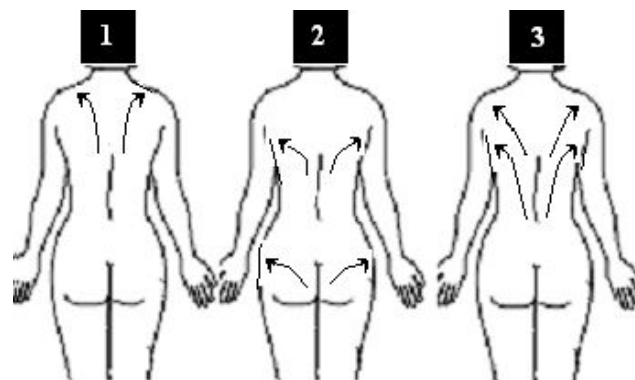


**※Back**

1. Shoulder: drainage the liquid to the lymph gland of collarbone.

2. Hip: drainage the liquid to the lymph gland of groin.

3. Back: drainage the liquid to the lymph gland under oxter.



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## **6. Cautions!(Please read carefully)**

### **1. Warning**

- 1) Please keep the instrument well and don't put it in the wet place.
- 2) This instrument has adopted the use of Computer full-automatic chip, so please don't use it next to the high frequency machines which will disturb the normal working of the instrument. It is under disturbing when 1. suddenly stop working; 2. the LCD screen shows unusually. Please restart the instrument.
- 3) No throwing, beating and crashing.
- 4) Please clean the instrument at regular interval, but pay attention to the water.
- 5) Please keep in well in a dampproof and anti-dust bag if you don't use it for long time. However, it is better to use it at least 1 hour every 15 days to prevent from becoming damp.

### **2. Notice**

- 1) Stop using when the power plug or wire is broken.
- 2) Stop using when the plug is loosen.
- 3) Not allow to break, process and curve the work head plug.
- 4) Don't take the wire off when the instrument is working.
- 5) Don't use other wires;
- 6) Put the instrument in the place where children can not reach;
- 7) Don't clean the instrument with the chemical products.
- 8) When inserting or taking off the wire, please make sure your hands are dry.

### **7. Forbidden group**

1. Person who has serious diseases, such as, heart disease, gastric ulcer, serious stomach illness, hypertension, duodenum illness and diabetes mellitus, please stop doing treatment.
2. Women who is feeding baby, pregnant or during period, please stop doing treatment.
3. Patients who have had abdomen surgery within 3 months are not allow to use this instrument.

### **8. Maintaining**

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- 1) Please keep the accessories well when using or after using, otherwise, its lifetime will be shortened.
  - 2) Use the accessories gently, don't take it only by holding the output wires which will cause internal connection problems and contact undesirable or result in short circuit.
  - 3) Clean the accessories with saline or soft detergent and hang them on the shelf.
  - 4) When the 40 K cavitation working head have been working for 30 minutes, please have a 5 minutes' break, until the surface temperature is lower, and then continue to use. When the work head is not using, please stop working in order to prevent from burning-out..
  - 5) The Vacuum and RF work head: Please take off the filter and clean it after using.

## 9. Warranty

The warranty of the host is one year from the purchasing date. Quality problems occur in three months, the repair fee is free and after 3 months, please pay for the charge. The warranty of accessories is three months. Quality problems occur in a months, the repair fee is free and after a months, please pay for the charge. Others not included in maintaining guarantee or over the time, we also supply to maintain and renew but need charges. Please contact with the dealer if need change of purchasing the parts and easily expendable products

We won't supply maintaining guarantee under situations as below:

- a) Disassembling the machine by self;
- b) Damage cause by falling down without caution;
- c) Damage cause by lacking of reasonable maintaining.
- d) Not operate according to the user manual.

## Technical parameter

Voltage: 110V/120V-220V/240V

Frequency: 50 Hz - 60Hz

Power: 120W

Maximum current: **1500mA**

Output RF: 5MHz

Output ultrasonic: 40KHz



**GW/NW: 14.4KG/12.8KG**

**Host material: PVC plastic**

**Packing size: 38.5\*38\*49.5CM**

**Accessories list:**

<b>Item</b>	<b>Unit</b>	<b>Quantity</b>
<b>Host</b>	<b>Set</b>	<b>1</b>
<b>Power wire</b>	<b>Piece</b>	<b>1</b>
<b>40K cavitation work head</b>	<b>Piece</b>	<b>1</b>
<b>Vacuum quadripole RF work head</b>	<b>Piece</b>	<b>1</b>
<b>Bipolar BIO work head for eyes</b>	<b>Piece</b>	<b>1</b>
<b>Tripolar RF work head for face</b>	<b>Piece</b>	<b>1</b>
<b>Multipolar RF work head for body</b>	<b>Piece</b>	<b>1</b>
<b>Accessories bracket</b>	<b>Piece</b>	<b>1</b>
<b>Black bandage</b>	<b>Piece</b>	<b>4</b>
<b>Body laser lipolysis head</b>	<b>Piece</b>	<b>6</b>
<b>Hand/Foot laser lipolysis head</b>	<b>Piece</b>	<b>4</b>
<b>User manual</b>	<b>Copy</b>	<b>1</b>

## Product service and repair

1. This machine from the date of purchase (with a note) host a year warranty. Quality problems within one year have free repair, such as the problems after one year will receive maintenance costs. Parts' warranty for six months; in six months appear quality problem have free repair by free of charge; after six months charge parts maintenance costs. Other has been guarantee deadline, can be responsible for maintenance, but charge spare parts and consumables cost fee. If need supplement or purchase, please contact our company.

2. Causes the following use of personal failure, does not provide free warranty service.

- 1) The unauthorized entry, modification caused the failure of the product;
- 2) Use accidentally blows, falls caused by the fault;
- 3) Lack of reasonable maintenance caused the failure;
- 4) Did not at the correct guidance of instructions caused by the fault.

## Maintenance Note

Maintenance Report		
Product Name : _____ Date of Purchase : _____		
Sub-office: _____ Add: _____ Tel: _____		
Customer Name: _____ Add: _____ Tel: _____		
Maintenance Date	Trouble Reason	Trouble Remark

Date of production: