

# VACUUM ROLLER MAX MASSAGE VELASHAPE MACHINE

## V-68 USER MANUAL

### VACUUM MAX MASSAGE VELASHAPE SYSTEM



**IMPORTANT: BEFORE STARTING THE EQUIPMENT CORRECTLY , PLS FOLLOW THE INSTALLATION INSTRUCTIONS . ANY DAMAGE CAUSED BY INCORRECTOR OPERATIONS WILL VOID THE WARRANTY .**

## ***SAFETY INFORMATION***

Thank you for choosing our products! This user instruction is specially designed for the safety of you and others. Please read the instructions carefully before installing or using the machine and follow them when using.

### **1.1 Electrical Safety**

- Before installing the machine, make use that your local electric network complies with the voltage and frequency indicated on the tag on the rear panel. Otherwise, the machine may be damaged in case of excessive current or voltage rise.
- Never touch the machine with damp or wet hands or feet.
- It is dangerous to change or try to modify the function of this machine in any way.
- Do not attempt to operate this unit if the power cord has been frayed or broken
- Do not spill water or other liquids into or on to your unit.
- During long periods of non-use, disconnect the unit's main power.

### **1.2 Safety Rules When Installing**

- Place the machine on a stable and secure base. It should not be subjected to any jolts or vibrations.
- Never expose the unit to too high (>40°C) nor too low temperature (<5°C).
- NEVER EXPOSE THE UNIT TO RAIN OR ANY OTHER HUMIDITY.
- DO not expose the unit to direct sunshine or install the unit close to a source of heat (central heating, radiator...); otherwise the screen may be damaged.
- Do not cover or block the ventilator behind the unit.

### **1.3 Safety Rules When in Use.**

- Well clean areas to treat before treatment.
- Never touch the machine with damp or wet hands or feet.
- Never place the cavitation handpiece on the liver, kidney area.

## ***THEORY & APPLICATION***

Infrared RF Vacuum Roller technology combines infrared light, bi-polar radio frequency energy and vacuum, which cause deep heating of the fat cells, their surrounding connective tissue and the underlying dermal collagen fibers. This type of efficient heating and vacuum stimulates the growth of new and better collagen and elastin which results in localized reduction in skin laxity, body volume, and an overall improvement in skin structure and texture.

**Scope of Treatment:** Body Contouring ; Cellulite Removal ; Body Slimming ; Circumference Reduction ; Skin tightening ; Face Lifting ; Wrinkle removal ; Skin Texture & Tone.

4 Technologies in one machine - Vacuum + 940nm Near-Infrared Laser + Bipolar RF + Rollers

- 1). Infrared laser reduces skin impedance by heating skin and RF energy penetrates deeply into connective tissue to increase the oxygen intracellular diffusion by heating skin.
- 2). Vacuum plus specially designed rollers manipulate leads RF penetration to be even 5-15mm. Nip and stretch fibrillar connective tissue greatly improves body contouring effect.
- 3). The technology that vacuum folds skin makes RF energy penetrate a specific folded skin, greatly improve effect and safety, even for the upper eyelid area treatment.

### **Application:**

Wrinkle removal

Body shaping

Body circumference reduction

Cellulite reduction

Skin tightening

Skin surface smooth

Massage

Eyelid area treatment

Body slimming

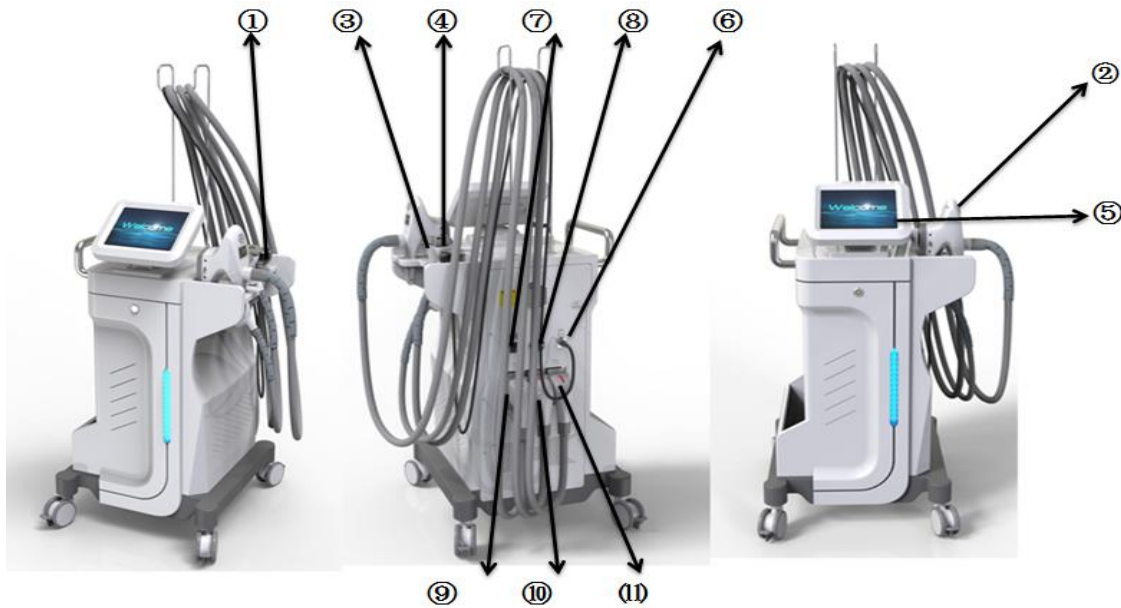
Skin lifting

## ***SPECIFICATIONS***





<b>Items</b>	<b>Specifications</b>
<b>LCD screen</b>	1) Display screen: 10.4" 2) Display screen of handpiece Display screen on handpiece 1: 2.4" Display screen on handpiece 2: 1.9"
<b>Working mode</b>	Pulse
<b>Pulse width</b>	0.5s-7.5s
<b>Negative pressure</b>	1) Absolute value: 80kPa -10kPa (60.8cmHg - 7.6cmHg) 2) Relative value: 20kPa -90kPa (15.2cmHg – 68.4cmHg)
<b>Rev of roller</b>	0-36 rpm
<b>Working mode for roller</b>	4 types
<b>Safety checking</b>	Real time on line
<b>RF frequency</b>	1MHz
<b>RF energy density</b>	Max: 60J/cm
<b>Laser wavelength</b>	940nm
<b>Laser power</b>	MAX 20W
<b>Number of handpiece</b>	4
<b>Treatment area</b>	4mmx7mm、8mmx25mm、30mmx50mm、40mmx60mm
<b>Rated input power</b>	750VA
<b>Mode of power supply</b>	AC230V±10%, 50Hz±1Hz/ AC110V±10%, 60Hz±1Hz (Optional)
<b>Machine size</b>	65mm×54.5mm×100mm
<b>Packing method</b>	Wood case: 109X74CMX63CM
<b>Packing list</b>	No. 1 big vacuum RF laser head for body * 1 No. 2 vacuum RF laser head for arms * 1 No. 3 vacuum RF laser head for face * 1

	No. 4 cavitation head for body * 1 Power cord * 1 Clothes for treatment * 2
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## ***PART DETAILS***



1. Cavitation head
2. No. 1 big vacuum RF laser head for body
3. No. 2 vacuum RF laser head for arms
4. No. 3 vacuum RF laser head for face
5. 10.4 inches touch screen
6. Cavitation head jack
7. Power switch
8. Power supply line socket
9. Connector for No. 3 vacuum RF laser head for face
10. Connector for No. 2 vacuum RF laser head for arms
11. Connector for No. 1 big vacuum RF laser head for body

<p>Main machine</p>			
<p>No. 1 big vacuum RF laser head for body</p>		<p>No. 2 vacuum RF laser head for arms</p>	
<p>No. 3 vacuum RF laser head for face * 2 heads for you to replace</p>		<p>Cavitation head</p>	
<p>Power supply line</p>			

## ***OPERATION INTEREFACE***

A: Controlling system: LCD, Chromatic Touch Screen, power switch, micro-computer controlling system etc. to control operation of whole system;

B: Endermologie and pulse mechanical tissue manipulation;

C: Bipolar RF (Radio Frequency): High power output radio frequency system;

D: Near-infrared laser system: 940nm semi-conductor laser technique

### **Operation steps of handpieces:**

1) To enter preparation condition: Press “Standby” key to enter “Ready” condition.

No.1 handpiece is a vacuum roller with RF , not act as normally RF , it can be roller on the skin and performed the better effect . Just like a radio frequency can tightening the skin and roller on it like massage .

2) To enter working condition: Press “Enter” key or button (A) on handpiece or step on foot switch.

No.2 handpiece is a vacuum RF that can be not roller on the skin , it is just act like a radio frequency to make treatment on the skin with strong vacuum , makes the skin more tightening and slimming .

3) To enter standby condition: Under preparation condition, just press “Ready” key.

No.3 handpiece is a vacuum RF which working around face, for face lifting and skin tightening .

4) To enter standby condition: Under preparation condition, just press “Ready” key.

cavitation head is body slimming



Turn of the machine: under standby condition, press the power supply button on the display screen.

1) Start the machine , see below interface :



2) Choose Body handle 1 ( No.1 handpiece ) show you as ( Figure 1):

A; Energy adjustment of near-infrared laser: press “▲”, “▼” to adjust the parameters.

B;To adjust rev: Press “+” or “-” in relative place to adjust rev of roller.

C;To adjust output energy of RF: Press “+” or “-” in relative place to adjust parameters.

D; To adjust vacuum parameters:

Vacuum pulse time select: press “+” or “-”to adjust the pulse time of vacuum

Vacuum level select: press “+” or “-”to adjust the level of vacuum

E;To set working time (0-60 minutes): press “+” or “-”to adjust working time, default working time is 20 minutes.

F;To select the scrolling directions of roller: inwards, outwards, towards to the left, towards to the right

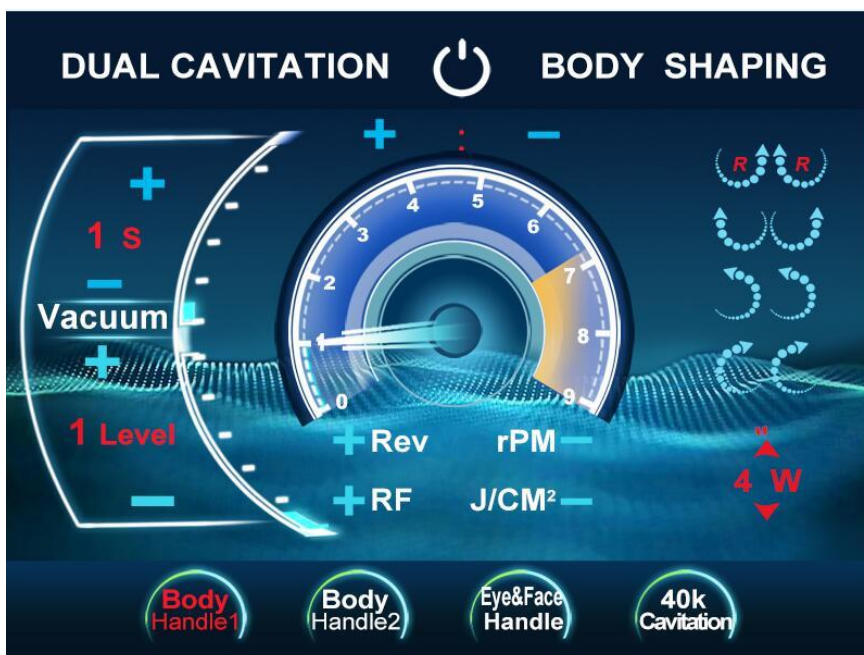


Figure 1



d) What show on the picture ( Figure 2 )

A: Standby

B: Preparation

C: Time

D: Energy of RF parameters

E: Near-infrared laser

F: Distinction of negative pressure parameters

G: Rev of roller

H: Pulse time

I: Absolute value

1) Operation illustration of NO. 1 handpiece:

A: Press “▲”, “▼” to select specifications;

B: Press “◀”, “▶” to adjust parameters;

C: Then you press “Enter” to work;

D: You could also do the above adjustment on system display screen;

E: Parameters could not be adjusted while working.

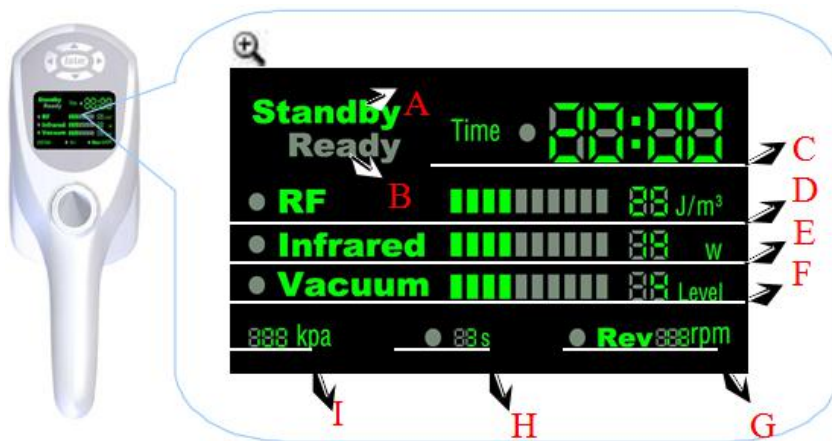


Figure 2

3) Choose body handle 2 ( No.2 handpiece ) ,show you on Figure 3 :  
 Operating way please reference the No.1 handpiece .( show as Figure 1)  
 Adjust it as Figure 3 and Figure 4

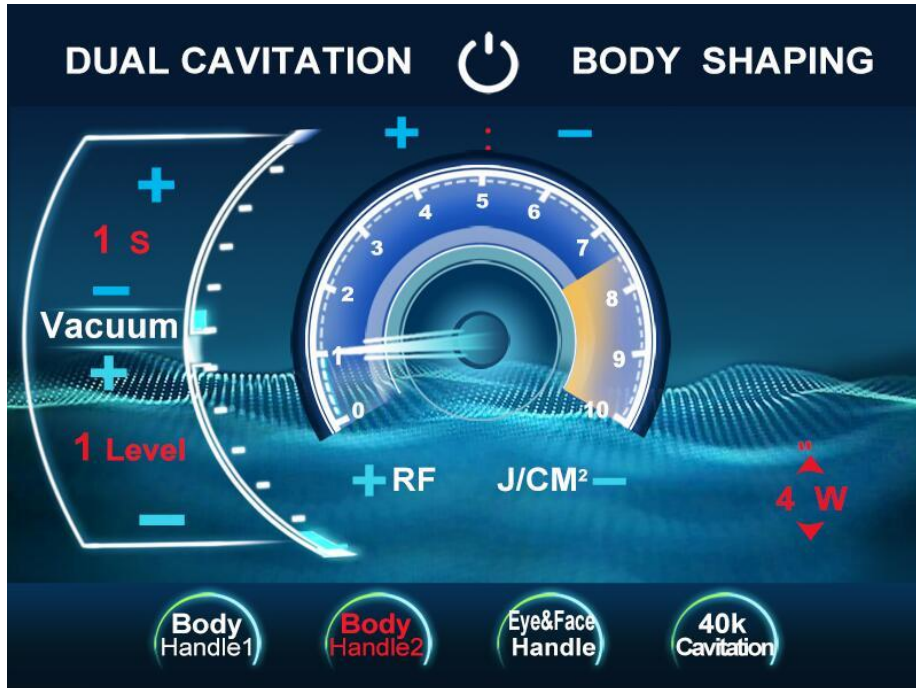


Figure 3

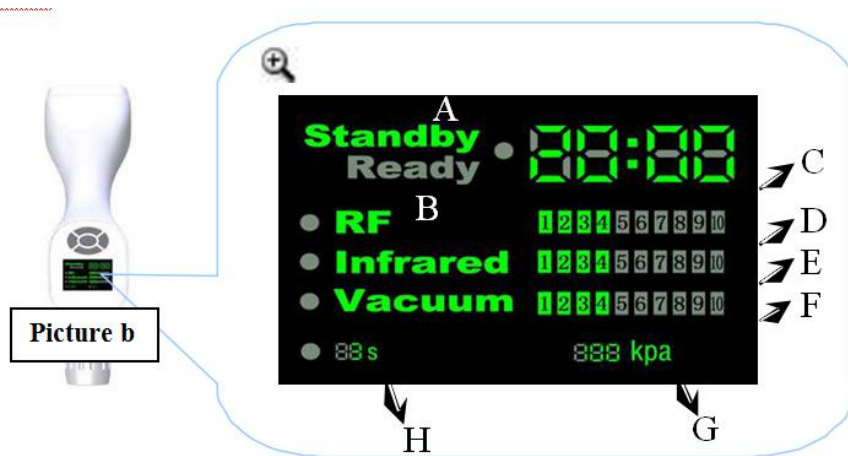


Figure 4

A: Standby

B: Preparation

C: Time

D: Energy of RF parameters

E: Near-infrared laser

F: Distinction of negative pressure parameters

G: Absolute value

H: Pulse time

4) choose face Handle 3 (No.3 handpiece ) ,enter into Figure 5.  
Operating way please reference the No.1 handpiece .( show as Figure 1)  
About No.3 handpiece, we have two heads for you to replace , it is very useful .

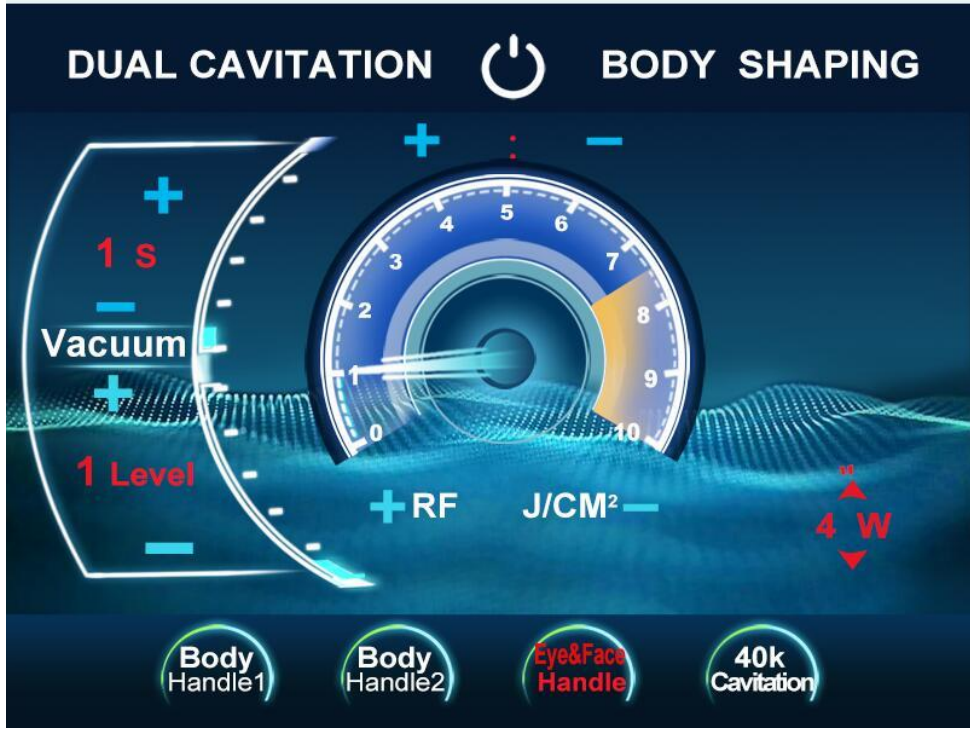


Figure 5

5) Choose cavitation head to enter into Figure 6 :

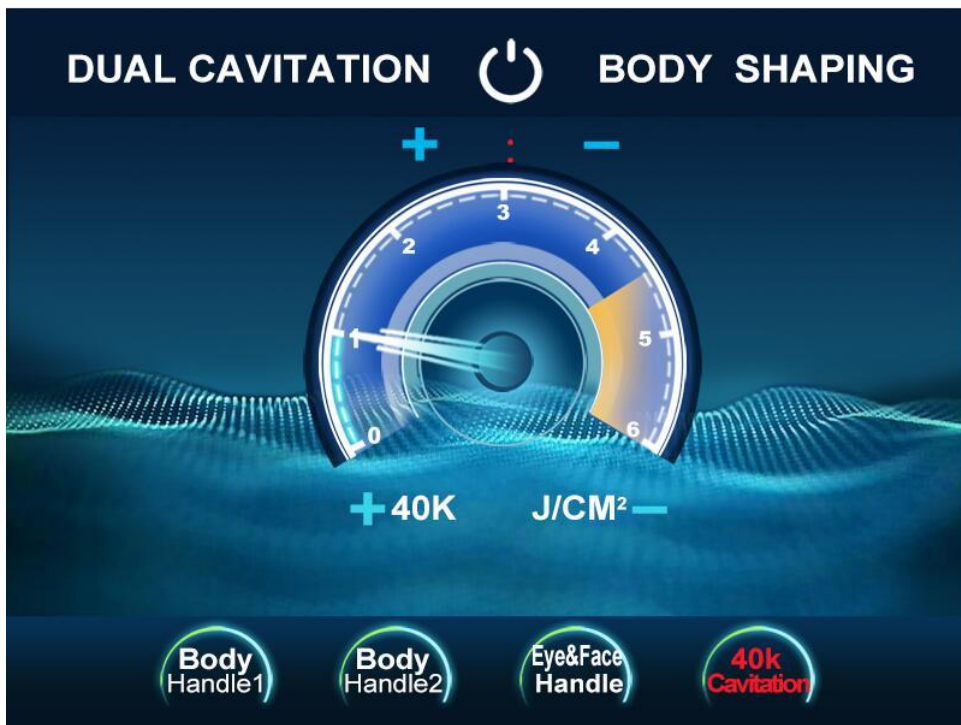


Figure 6

## ***MAINTENANCE AND TROUBLE DIAGNOSE***

**Warning:** Ten minutes later after turning off the equipment, you can unplug the power cord to maintain the machine. Please do not leave the machine when the cover board is opened up, otherwise it may do harm to the user or the machine itself.

### **1, Handpieces' clean and maintain**

**Note:** After treatment, just take off the handpieces, and use dust-free cleaning cloth to clean all the handpieces carefully, and keep them well. During treatment, kindly suggest customers to wear the treatment clothes, because it will be better for the cleaning work and the using life of handpieces.

### **2, Troubleshooting guide**

<b>Trouble</b>	<b>Reasons</b>	<b>Solution</b>
Start-up failure	Trouble with power switch	Change power switch
	Didn't insert the power line well	Insert the power line well
	Blown fuse indicator	Change fuse
	Trouble with control board	Change control board
	Trouble with switch power supply	Change switch power supply
No response from main handpieces	Trouble with control system	1.Shut off power switch and start-up again;2.Contact with authorized stuff
No response from touch screen	Trouble with touch screen	Contact with authorized stuff
Problem of vacuum	Trouble with vacuum pump	Change vacuum pump
	Trouble with AC contactor	Change vacuum pump
	Trouble with electromagnetic valve	Change electromagnetic valve
	Trouble with 24V switch power supply	Change switch power supply
	Trouble with air connection	Change socket connector
	Trouble with handpieces	Check the handpieces
No RF	RF level is 0	Add to level
	Trouble with PA	Change PA
	Trouble with chip of barometer on control board	Change chip
	Trouble with control board	Change control board
	Trouble with relay for exchanging RF	Change interposer
	Trouble with inner parts of handpiece	Check the handpiece

No Laser	Laser level is 0	Add to level
	Trouble with inner parts of handpiece	Check the handpiece
	Trouble with control board	Change control board
Roller doesn't work	Rev is 0	Add to level
	Poor contact in handpiece	Check the handpiece
	Trouble with motor	Check the motor
	Trouble with control board	Change control board

## ***CLINICAL OPERATIONS***

### **1, Treatment principle and functions**

- 1) Infrared laser reduces skin impedance by heating skin and RF energy penetrates deeply into connective tissue. The synergistic combination of infrared laser and conducted RF energies increases the oxygen intracellular diffusion by heating the skin.
- 2) Vacuum plus specially designed rollers manipulate leads RF penetration to be even 5-15mm. At the same time, vacuum and roller mechanical tissue manipulation nips and stretches fibrillar connective tissue, effectively breaks down subcutaneous fat as well as extruded capillary vessel, Increase lymphatic drainage, promotes metabolism and reduces or shrinks the size of the actual fat chamber and greatly improved body contouring effect.
- 3) The technology that vacuum folds skin makes RF energy penetrate a specific folded skin, greatly improve effect and safety, even for the upper eyelid area treatment.

### **2, Indications**

- 1) Black circle around eyes removal, wrinkle around eyes improvement and pouch improvement;
- 2) Upper eyelid lifting and wrinkle removal;
- 3) Postpartum recovery, body contouring after birth;
- 4) Generalized obesity, localized adiposity, fat dissolving, skin tightening ( arms, leg, shoulders and back, mountaineering shoe, buttocks, etc. ) ;
- 5) Alleviate arthritis pain and whole body physical therapy;
- 6) Stretch mark improvement.

### **3, Contraindications**

- 1) Pacemaker and defibrillator in body;
- 2) Metal under treated skin;

- 3) With skin diseases or cancer history;
- 4) With other serious disease, such as heart disease or diabetes;
- 5) Gestation period and breast-feed;
- 6) With thermal stimulus history;
- 7) Openness wound;
- 8) Light-sensitiveness;
- 9) Bronzer skin because of solarization;
- 10) Menses.

#### **4, Courses of treatment (for reference):**

- 1) Face: 30 minutes for each treatment, once treatment per week, one course of treatment includes ten treatments.
- 2) Eyes: 15 minutes for each treatment, once treatment per week, one course of treatment includes ten treatments.
- 3) Whole body: 45-60 minutes, local treatment: 15 minutes, twice treatments per week, one course of treatment includes ten treatments.

#### **5, Treatment on face**

- 1) Preparations: Camera, facial treatment cleanser, essential oil for conditioning and alcohol swab.
- 2) Preparation before treatment: to illustrate the function of the equipment and the feeling of customer during treatment, don't use hormonal drugs one week before treatment (prednisone), don't wear metal decorations. Take photo to keep record under the same background of light and place.
- 3) Treatment procedures:
  - Step 1: Use warm water and towel to clean skin to be treated.
  - Step 2: Put some essential oil for conditioning on skin to be treated.
  - Step 3: Start up the equipment and adjust relative parameters.
- 4) Treatment skills:

Adjust parameters according to feeling of customer and response of skin. You can reduce parameters when you treat on ribs and inguinal.

##### **5.1 Treatment on face**

- 1) Efficacy: face lifting and skin tightening: once per week, one course of treatment includes ten treatments.
- 2) Notes: reduce 1-2 energy levels when you treat on forehead, cheekbone and chin.

Description	Parameters
RF energy	20J/ cm <sup>3</sup> -25J/ cm <sup>3</sup>
Vacuum (negative pressure)	1-2
Pulse time	1s-2s
Power of infrared laser	4W-8W

3) Treatment procedure:

Step 1: Clean skin

Step 2: Put some essential oil for conditioning on skin to be treated

Step 3: Sequence of face treatment: jowl, forehead and labrum

4) Handpiece and parameter setting: use N0. 3 handpiece to treat on face;

Description	Parameters
RF energy	25J/cm <sup>3</sup> ~35J/cm <sup>3</sup>
Vacuum (negative pressure)	1-3
Pulse time	1s-2s
Power of infrared laser	6W-10W

5) Operation manner ( See Picture 1 )



**Picture 1**

Step 1: skin-lifting

- ① Up-lift skin along with the grain of skin ( Picture 1 )
- ② Use another hand to uplift the skin while treatment
- ③ Repeat treatment on face for 2-3 times

Step 2: Repeat treatment on special parts, such as nasolabial folds, forehead lines, and wrinkle.

6) Efficacy:

- a) Tender and ruddy facial skin
- b) Decrease facial wrinkle
- c) Tighten facial skin

**5.2 Treatment on eyes**

1) Efficacy: eye part lifting (eyelid), tightening, crow’s-feet, pouch removal and black circle around eyes removal, once treatment per week and one course of treatment includes ten treatments.

2) Treatment procedure:

Step 1: Use warm water and towel to clean skin to be treated.

Step 2: Put some essential oil for conditioning on skin to be treated.

3) Handpiece and parameter setting: use NO. 3 handpiece to treat on eye part

Description	Parameters
RF energy	20J/cm <sup>3</sup> ~25J/cm <sup>3</sup>
Vacuum (negative pressure)	1
Pulse time	1s-2s

4) Operation manner (See Picture 2)



**Picture 2**

Step 1: up-lifting

- ① Up-lifting from inner part to external canthus until to temporal
- ② Use another hand to uplift the skin while treatment
- ③ Repeat treatment on eyes for 3-4 times

Step 2: Repeat treatment on eyelids, wrinkles on external canthus and inflexible pouch.

5) Efficacy:

- a) Reddish and tepidity on eye part
- b) Decrease wrinkle on eye part



c) Tighten and lift eyelid

### 5.3 Treatment on neck

1) Efficacy: Neck skin lifting, tightening, wrinkle removal; once treatment per week and one course of treatment includes ten treatments

2) Treatment procedure:

Step 1: Use warm water and towel to clean skin to be treated.

Step 2: Put some essential oil for conditioning on skin to be treated.

3) Handpiece and parameter setting: use NO. 3 handpiece to treat on neck

Description	Parameters
RF energy	20J/cm <sup>3</sup> ~30J/cm <sup>3</sup>
Vacuum (negative pressure)	1
Pulse time	1s-2s
Power of infrared laser	6W-10W

4) Operation manner ( See Picture 3 )



Picture 3

Step 1: up-lifting

- ① Use another hand to uplift the skin while treatment
- ② Repeat treatment on eyes for 2-3 times

Step 2: Repeat treatment on eyelids, wrinkles on external canthus and inflexible pouch.

5) Efficacy: wrinkle removal, neck skin lifting and tightening.

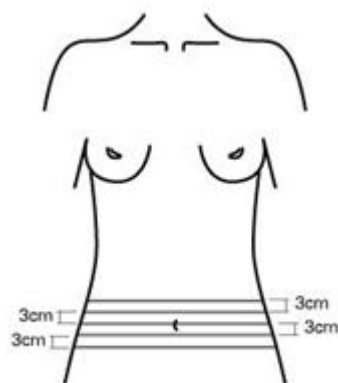
### 6 ,Treatment on body

Efficacy: Tightening ( belly, back, waist, thigh, calf, arm ), body contouring, twice treatments per week and one course of treatment includes ten treatments.

## 6.1 Treatment on belly and waist

### 1) Preparation before treatment:

- A: to illustrate the function of the equipment and the feeling of customer during treatment
- B: don't use hormonal drugs one week before treatment (prednisone), don't wear metal decorations
- D: take photo to keep record under the same background of light and place.
- E: get customers' measurement for comparison (picture 4 shows how to get the measurement)



Picture 4

### 2) Notes:

- A: Ask the customer's feeling, potency dimension, heat exposure condition and degree of comfort;
- B: Subcutaneous fat of waist, stomach and rib is thinner; you could ask the feeling of customer during the treatment.

### 3) Treatment procedure:

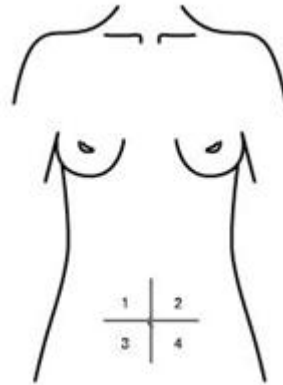
- Step 1: Use warm water and towel to clean skin to be treated.
- Step 2: Put some essential oil for conditioning on skin to be treated.

### 4) Handpiece and parameter setting: use NO. 1 handpiece

Description	Parameters
RF energy	40J/cm <sup>3</sup> ~60J/cm <sup>3</sup>
Vacuum (negative pressure)	3-8
Pulse time	2s-3s
Power of infrared laser	10W-20W

**Note:** Reduce 1~2 energy level of original parameter when you treat on waist, stomach and rib.

5) Operation manner (See Picture 5)



**Picture 5**

A: Divide belly into four areas, repeat to treat on the four areas to make belly even heated (Picture 5);

B: Make handpiece touch skin completely and then step on footswitch or press key on handpiece to start working.

To stop during operation: just press key on handpiece or release footswitch;

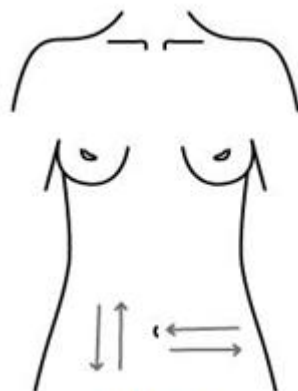
C: Change treatment manner according to customer's feeling;

D: Respectively measure 3cm, 6cm above navel and below navel. Keep record;

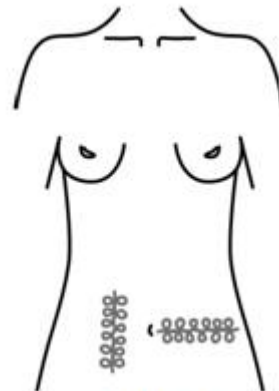
E: Treatment manner:

Treatment manner 1, rectilinear treatment skill (Picture 6) ;

Treatment manner 2, 8 fond treatment skill (Picture 7)



**Picture 6**



**Picture 7**

## 6.2 Treatment on back

1) Treatment procedure:

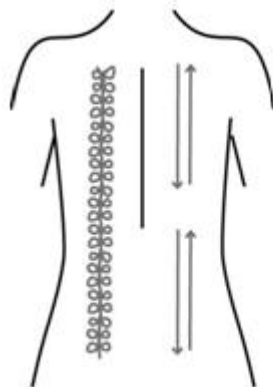
Step 1: Use warm water and towel to clean skin to be treated.

Step 2: Put some essential oil for conditioning on skin to be treated.

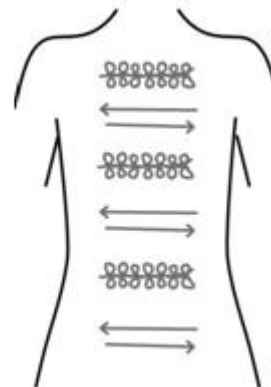
2) Handpiece and parameter setting: use NO. 1 handpiece

Description	Parameters
RF energy	40J/cm <sup>3</sup> ~60J/cm <sup>3</sup>
Vacuum (negative pressure)	4-8
Pulse time	2s-3s
Power of infrared laser	10W-20W
Rev	18rpm-30rpm

3) Operation manner (See Picture 8 and 9)



Picture 8



Picture 9

### 6.3 Treatment on legs

1) Treatment procedure:

Step 1: Use warm water and towel to clean skin to be treated.

Step 2: Put some essential oil for conditioning on skin to be treated.

2) Handpiece and parameter setting: use NO. 1 or 2 handpiece

No. 1 handpiece parameters:

Description	Parameters
RF energy	40J/cm <sup>3</sup> ~60J/cm <sup>3</sup>
Vacuum (negative pressure)	4-8

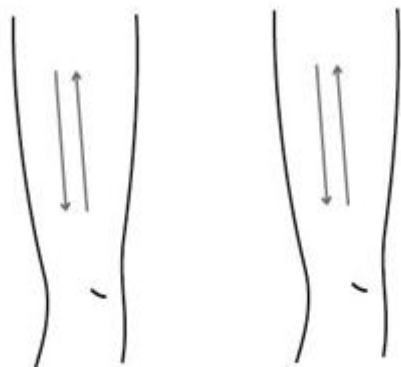
Pulse time	2s-3s
Power of infrared laser	10W-18W
Rev	18rpm-30rpm

NO. 2 handpiece parameters:

Description	Parameters
RF energy	35J/cm <sup>3</sup> ~55J/cm <sup>3</sup>
Vacuum (negative pressure)	3-7
Pulse time	2s-3s
Power of infrared laser	10W-18W
Rev	18rpm-30rpm

3) Operation manner (See Picture 10)

Treat outside of thigh first: From top to down (Picture 10) , from left to right with treatment manner 1; Then treat the inside of thigh.



Picture 10

Picture 11

## 6.4 Treatment on upper arms

1) Treatment procedure:

Step 1: Use warm water and towel to clean skin to be treated.

Step 2: Put some essential oil for conditioning on skin to be treated.2) Handpiece and parameter setting: use NO. 2 handpiece

Description	Parameters
RF energy	35J/cm <sup>3</sup> ~55J/cm <sup>3</sup>
Vacuum (negative pressure)	3-7

Pulse time	2s-3s
Power of infrared laser	10W-18W
Rev	18rpm-30rpm

3) Operation manner (Picture 11): please kindly note that outer is sensitive area.

## 7, Notes after treatment

- 1) Do not use cold water to clean treated area in 8 hours after treatment (except face)
- 2) Do not do massage on relative area
- 3) Avoid solarization in the first week after treatment
- 4) Can use milky skin care product on treated area
- 5) Do not eat raw, cold or spicy food in 8 hours after treatment

## 8, Suggestions about operating modes for beauty salon

- 1) Adopt course of treatment card to operate so that you could get persistent therapeutic effect;
- 2) To activate cards for physical therapy on body, relieve sub healthy, relieve ache and ankylosis of shoulder, neck, waist and belly.

## ***WORKING ENVIRONMENT***

- 1) Environmental temperature of operation: 10°C—30°C;
- 2) Environmental temperature for keeping in store: 0—50°C;
- 3) Relative humidity: ≤70%;
- 4) Air pressure: 860hPa~1060hPa;
- 5) Environment request: avoid direct radiation of intense light

**Note: If the temperature in the room is too low, or the instrument have been not used for many days, the temperature of the whole system shall recover to 10 °C or higher before start.**

## ***PRODUCT SERVICE AND MAINTENANCE***

1. Warranty: The warranty date is one year from the date of purchasing. We are responsible for the maintenance in our facility in GZ. When the warranty date is expired, we will charge the service fee or the cost of the component.
2. Professional Use: The merchandise of our Products is designed for professional use only and must be

installed by a licensed professional electrician only. Failure to do so will void customer warranty.

3. **Manufacturer Defects:** In the event of defects in material and workmanship our obligation shall be limited to free labor and parts repair or replacement, solely at our option, of any defective part for a period of one year from the date of purchase.

4. **Disclaimer of Damages:** The remedies provided herein are the buyer's sole and exclusive remedies and in no event shall our products be liable for direct, indirect, special, incidental, or consequential damages (including loss of profits) whether based on contract, tort, or any other legal theory.

5. **Returns:** All damaged machines must return in 30 days after receiving the confirmation from our service department.

6. **Shipping Policy:** For your protection, the acceptance of this shipment by the Transportation Company is an acknowledgement that the articles were delivered to them in good working condition and properly packed.

7. **Exceptions**

- Inappropriate damage such as: dramatic impact, vibration, drop, condenser chamber burning, crystal rods destroying, etc.
- Inappropriate damage or loss of key components such as the handpiece, protective glasses, power lines, you will be charged for the cost of accessories.
- Consumer who repairs the machine caused by improper by himself.
- Due to irresistible forces (such as fires, earthquakes and other natural disasters) of damage.
- Beyond the period of warranty products.

***WARRANTY CARD***

MANUFACTURER	Guangzhou Beir Electronic Technology Co., Ltd.	
PRODUCT NAME	VACUUM ROLLER MAX MASSAGE VELASHAPE SYSTEM	
MODEL NUMBER	V-68	
PLACE OF ORIGIN	Guangzhou, China	
PRODUCTION DATE		
PURCHASER		
SELLER		
PURCHASE DATE		
ELECTRICAL	<input type="checkbox"/> 220V/50Hz	<input type="checkbox"/> 110V/60Hz