Usage of Portable RF

Catalogue

- I. Components of the device
- II. Installation
- III. Introduction of RF beauty equipment
- IV. Taboo
- V. Parameters
- VI. Introduction of Operating System
- VII. Clinic Operation



I. Components of the device





Picture Three



Picture Four



Picture Five

II. Installation

- 1. When getting the machine, please open the packing and put the machine on flat ground. (If there's water on the surface of the machine, please clean and wait for till dry then input water to test.). Keep 22 $^{0}-28^{0}$ temperatures and the humidity not more than 20% in the treatment room.
- 2. Join the cooling connection plug to the machine as following pictures: push the cooling plug on the joint with level force



b. clockwise tighten the screw cap, then show as follows:



- 3. Join RF connection to the machine as following:
 - a. push the RF connection plug to the joint with level force, show as follows:



RF connection plug

b. clockwise screw the screw cap, following the dent on RF connection plug



- 4
- 4. Join water tube: Aim at the hole and directly push the water tubes into the joint with level force.



(5)

Remarks: if to pull out the water tubes from the back panel, please do as follows:



5. Join the power line and pedal to the machine; please make sure that a good connection.

6. Input water into machine, show as follows:



7

Remarks: please make sure good connection between water tube and the joint on back panel, protecting from blowing up of the joint.

7. Change probes for different area treatment:

a. screw off the screw cap, following the mark:



b. take out the probe:





c. replace the other probe, and do following the picture:



10

d. tighten the screw cap again:



Remarks: please make sure that good connection between the probe and the handle, or no RF output from the probe.

III Introduction of RF beauty equipment

Treatment Theory

RF beauty equipment is the high-tech beauty equipment, great safety and no wound.

The collagen is the main skin tissue. However, the collagen and elastin will reduce and lack because of sun oxidation and air pollution as the time flies. As the sustainment of skin, flexibility fiber and collagen fiber would gradually lose its elasticity and tensility. Sagging skin, or other visible signs of aging will appear. The RF equipment offers a best cooling effect on epidermis, and takes advantage of the heat energy released from the probe, directly transfer to deep skin tissue. The heat will stimulate the friction between cation and anion inside the cell, accelerates the thermal motion on dermis. That accelerates blood circulation under dermis and subcutaneous tissue, which lets the fiber structure shrink instantaneously, and stimulates the renewal of collagen. In response, smooth and tight kin, renewed facial contours can be expected.

Application:

- 1. Facial skin tightening
- 2. fine wrinkle removal
- 3. Neck skin tightening
- 4. Improve the conditions of sagging skin
- 5. Forehead wrinkle removal
- 6. Breast lifting
- 7. Renew back contours
- 8. Renew belly contours
- 9. Renew buttocks and legs contours
- 10. Hand care

Characters of RF Equipment

- 1. Collagen renewal: the RF energy could be reached the deep layers of skin, stimulating the renewal of the collagen tissue. In response, the best result of skin tightening, renewed facial contours can be expected.
- 2. touch-screen, simple operation.
- 3. Instantaneous skin shrinking: when the temperature of collagen up to 45 °c-60°c, the collagen will shrink instantaneously. Therefore, one treatment could let u feel the best result.
- 4. Long renewal effect: after half year's treatment, the renewal of collagen makes your skin activated.
- 5. Great safety: epidermis constant cooling, which could control the RF energy output and its speed. Therefore, make a better treatment results under the safe state.
- 6. Comfortable: non-invasive radio frequency technology, no blood, wound, or lay
- 7. Pffr geffect: one treatment make you feel the best result, and last for 3-5 years.
- 8. Treatment extensive: applied to anyone's sagging skin and aging skin.

IV Taboo

- 1. Pregnant women
- 2. Sensitive skin and allergic skin
- 3. Epileptic, scar skin and bad health
- 4. Wound around the treatment area
- 5. Metals inside of the body (without the loop-shaped intrauterine device)
- 6. Over expect on the result

V Parameters

Voltage: 220V/110V RF frequency: 2-4MHZ RF energy : 1-10J Temperature of probe: $0-10^{9}$ C Output power: 400w Size: 42× 32× 50cm Weight: 14Kg

VI Introduction of Operating System

1. Initial display on turning on the machine (show as picture one):



PICTURE ONE

2. Menu

Anywhere touch based on the picture one to show as picture two:



PICTURE TWO

"Time" indicates the delay of radio frequency

"Interval" indicates space between radio frequencies

"Energy" indicates output energy

3. Parameters setting

set up the parameters according to requirement (as picture three):



PICTURE THREE

Take "interval" for example:

- a. touch "Interval" firstly
- b. adjust the parameters through the two trogons.

Adjustment of "Time" and "Energy" is as same as above operation.

Cooling setting: touch "on" to open the cooling system; touch "off" to close the cooling system.

4. System setting

touch "system setup", show as picture four:



PICTURE FOUR

- ① Controller of key sound: touch the ico, "X" means no sound
- ⁽²⁾ Clock settings: touch the clock ico and input into the relevant number. For example, if want to set up 14:47, then just nput 14 47
- ③ After settings, touch "SAVE" to save the settings and return to the treatment unit, show similar as picture two.
- 5. Start operation
 - After the settings, touch "Ready" to start the operation(At this moment, it displays "Standby"). Step the pedal or press the button in the handle to do the treatment .

6. Turn off the machine

Touch "Standby" and show "Ready", then turn the key left to turn off the machine.

VII Clinic Operation

1. total two probes, different probe has different RF value in the treatment

2. value in the treatment:

- a. small probe RF energy: generally start from 2, its range then adjust according to the actual condition of the patients
- b. big probe RF energy: generally start from 4, then adjust according to the actual condition of the
- c. patients : value range is 50ms to 1000ms. Generally, 500ms is ok.
- d. "Interval": value range is 0.25s to 2s. Generally, the range of 0.75 to 1.5 s will be ok for each treatment.
- e. "Cooling": Keep it on in the process of treatment.

3. Operating step

Step one: Clean the skin, to eliminate the perfume and cosmetics on skin

Step two: Put some cooling gel to the skin about 3MM thickness

Step three: Vertically keep the probe closely on skin, and move back and forth alternately till feel heat, about 10 times.

Step four: When finish treatment, please keep the cooling gel on skin for about half an hour, then scrub the cooling gel and wash skin with water.

4. Notice articles

- a. release the button on handle when adjust the parameters, change treatment area or stop the treatment, preventing from electric shock
- b. make sure no metals inside the body, such as plate, cardiac pacemaker etc.
- c. make sure no metals on surface of skin, such as watch or bracelet etc.

5. Treatment period:

One treatment every two weeks, 10 treatments is one treatment period.