

Youth Management System

User Manual



Thank you and congratulations on your choice of the Youth Management System.



Before Installing or Operating this equipment, please read these instructions carefully, and keep near the device for future reference.

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Chapter 1 - Introduction of Youth Management System

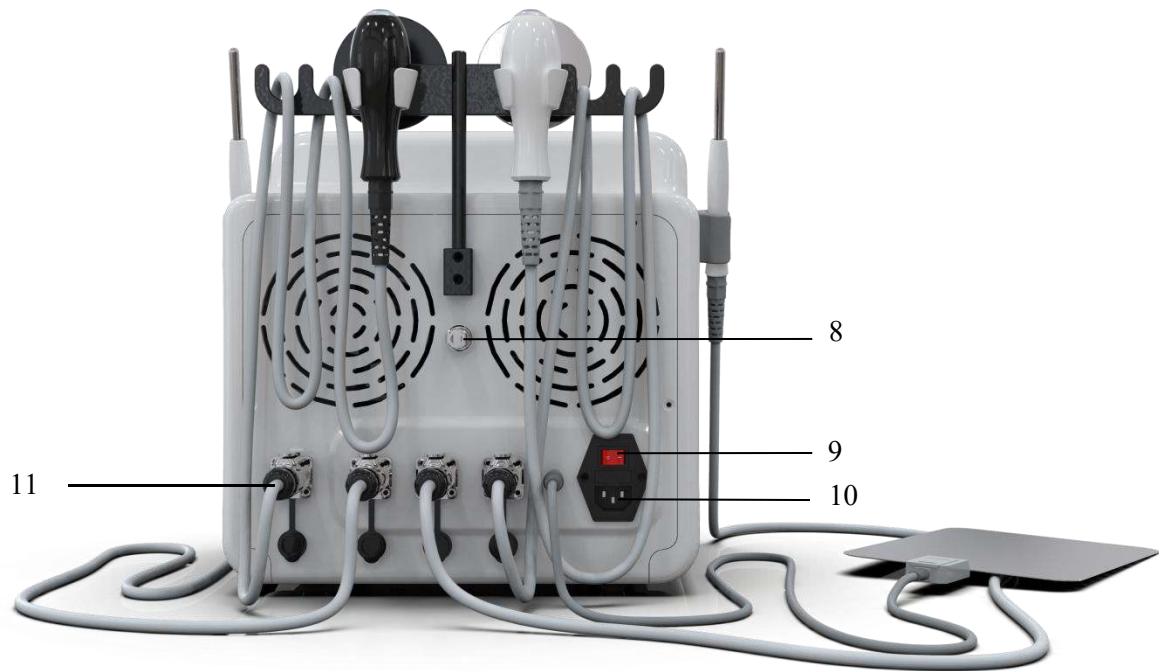
1.1 Treatment Principle

The youth management system uses 448kHz high-frequency energy to penetrate the body, promote the ionization of the body, and make the positive and negative charges of the cells move and rub against each other to generate internal heat. The heat source is inside the body, which is different from the conduction of heat on the body surface, can promote the circulation of blood and lymph, enhance the metabolism of tissues, and improve the immune function. The high heat energy penetrates into the fat layer, fascia layer and even visceral fat in the deep part of the human body in a painless manner. Visceral adipocytes are decomposed and excreted by the liver metabolism. At the same time, it can heat the collagen in the deep layer of the dermis of the skin to make it tightly arranged to achieve the effect of cell rejuvenation.

1.2 Device Structure

The Youth Management System structure consists of the following units:





11 ————
 8 ————
 9 ————
 10 ————

1. Pointer Electrode	7. Negative Plate
2. Touch Screen	8. Pedal Connector
3. RES Handle	9. Power Switch
4. CAP Handle	10. Power Cable Connector
5. Pointer Electrode	11. Handle Connector
6. Power Button	

1.3 Handles with Different Probes

1.3.1 RES Handle (Resistive Electric Transfer)

6 Different RES Probes



6 different RES probes, easily meet the treatment needs of different treatment parts

1.3.2 CAP Handle (Capacitive Electric Transfer)

7 Different CAP probes



1.3.3 Pointer Electrodes

Pointer Electrodes



Chapter 2 - Safety and Compliance

2.1 Client Safety

Client's safety mainly depends upon well-trained operators, client consultation, correct skin analysis and a suitable treatment room. The attending operators must inform the client of all the risks with the use of this device.

2.2 Electric Safety

To ensure safe use, the rated voltage of the operating system is 220V, the maximum input current is 10A or 110V, and the maximum input current is 15A. This machine is equipped with an automatic leakage protection device.

2.3 Fire Prevention

- ◆The device generates thermal energy. Avoid using combustible material such as acetone or alcohol near the device.

- ◆If alcohol based products are used to disinfect the laser device, ensure that the alcohol has completely evaporated prior to operation.

- ◆Flammable and explosive objects, anesthesia, drugs, alcohol, gas etc, should be removed from the treatment room.

Chapter 3 - Installation Procedure

The process of installation includes:

- ◆Unpacking the device and checking contents.
- ◆Assembly of its components and ensure that all connections are firmly in place.
- ◆Install all handles.
- ◆Connect the power supply.
- ◆Switch on the device and test all functions / parameters of the system.

3.1 Accessories List

Unpack the unit, remove all packaging material, and examine for damages.
Do not proceed with installation if unit is damaged.



1.fuse	2.power cable
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IMPORTANT ATTENTION: Please keep all packaging for safe storage and in case of any warranty returns or servicing.

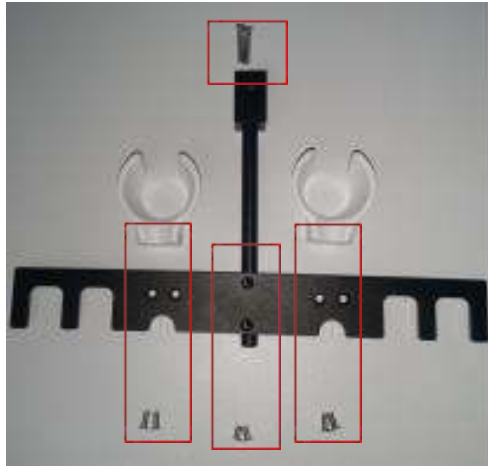
It is forbidden to open the machine and tear down all the components without any authorization.

3.2 Installation Requirements

Place the equipment according to the requirements below:

- ◆Treatment Room Temperature: 10°C~30 °C
- ◆Relative humidity: ≤75%
- ◆Air pressure: 860-1060hpa
- ◆Power requirement: AC 220v±10%; 50Hz±2% ;
- ◆Water: Distilled water
- ◆Keep the fans and vents clear of any obstructions to maintain airflow and prevent overheating.

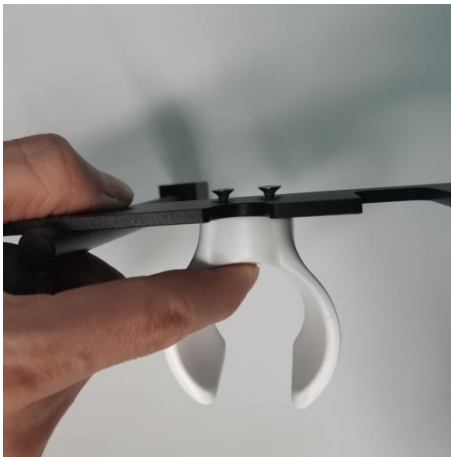
3.3 Installation of the Supporter



Step1:Correspond the parts to the screws one by one.



Step2:Attach the screws to each other and tighten them.



Step3:Pass the screws through the bracket and the iron frame.



Step4:Tighten the screws.



Step5:As shown, the supporter installation is complete.



Step6:Finally, secure the supporter to the back of the machine.

3.4 Installation of the Handles, Pedal and Power Cable

To avoid confusion, the inserts of each handle are fixed, and when the handle is installed, it can be installed according to the corresponding socket.



Step1:Insert the footrest into the socket.



Step2:Tighten the small knob.



Step3:The first is two RES eye handles, the same plug-in, align the socket on the back of the machine, and push it in.



Step5:This is the socket for the RES handle, align the inserts and push it in.





Step1:This is the socket for the CAP handle, align the plug-ins and push it in.



Step2:This is the socket of the negative plate, align the plug-ins and push it in.



Step3:This is the socket for the power cord, align the plug-ins and push it in. Press the power switch.

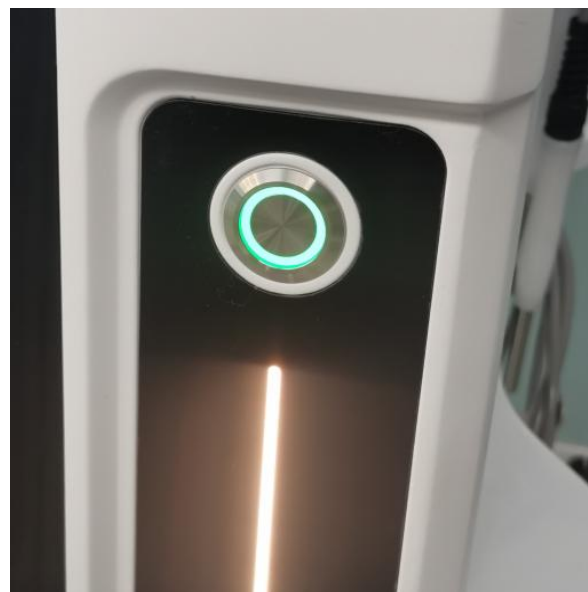
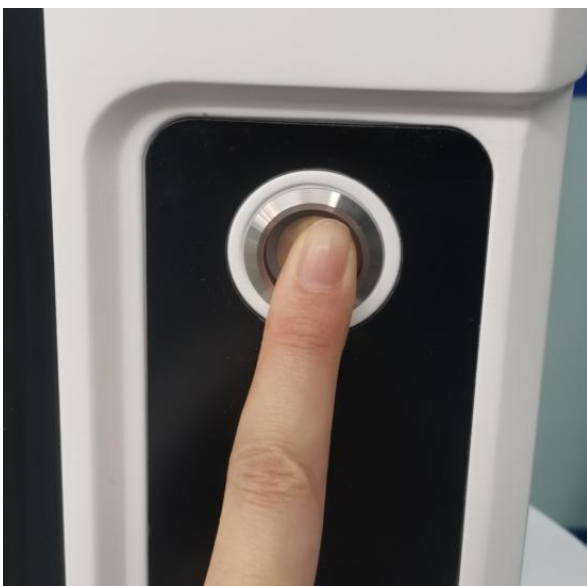
3.5 Installation of the Treatment Head



Step1:This is the treatment head for the RES handle, align the inserts and push it in.



Step2:This is the treatment head for the CAP handle, align the inserts and push it in.



Step3:Press the power button, to turn on the machine.

Chapter 4- Operational Procedure

4.1 Requirement for Operators

♦The operator should be aware of the expertise required to use a the machine, should be trained to meet local and national laws and adhere to best practice for the country the machine will be used in.

- ♦Complete Core of Knowledge Training
- ♦Have full insurance that covers Public Liability, Contents and Treatment Risk insurance.

4.2 Safe Operation

Make sure the operation room is clear when operating the equipment.

♦The illumination in the operating room should be sufficient, so that the operator can observe skin reaction and perform the operation.

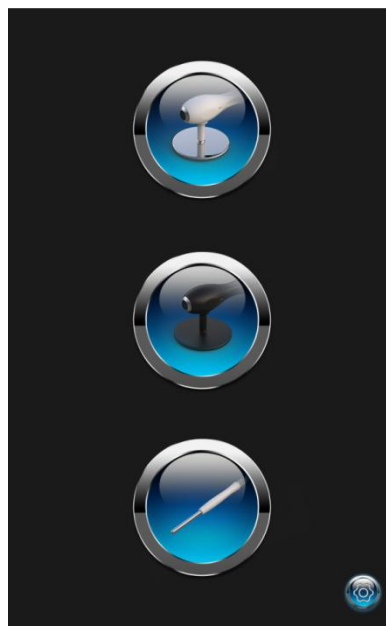
♦The operator must carry out a full consultation before any laser treatment and be informed about any diseases and symptoms of the clients and tell them the possible normal responses during and after operation.

4.3 Examination

Examine to make sure the equipment is installed according to the installation instructions and requirements. Check the water level is normal and the working environment is suitable.

4.4 Specific Functions

There are three modes with different functions.



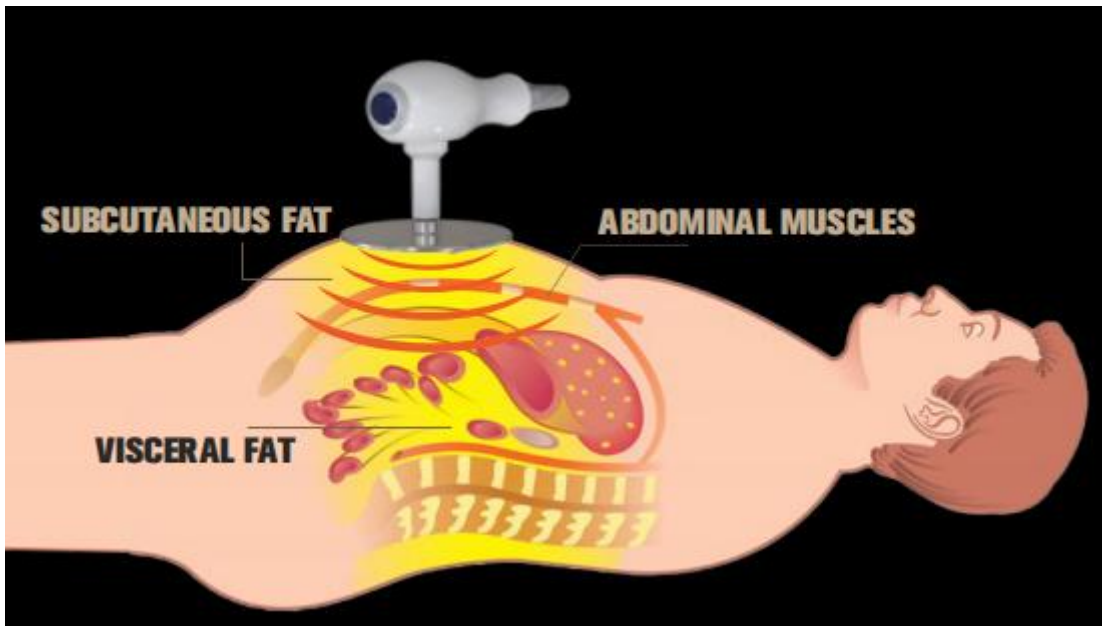


RES

RES equipped with two mode. RES and BIO.

RES: RES is to use the impedance of the human body to form a working closed loop. The frequency of 448K acts on the human body, which is consistent with the frequency of human cell activity. After resonance occurs in the process of circuit action, it accelerates the working head to heat up and penetrate the human body. The friction of positive and negative ions in the RES mode generates deep internal heat, dissolves fat, and accelerates the circulation and metabolism of blood and lymph. Deep penetration, the energy reaches 8-12cm under the skin. It can effectively dissolve deep visceral fat heat deep human tissues, accelerate blood and lymph circulation metabolism, decompose fat into free fatty acids and glycerol, and excrete through metabolism. The heat energy generated by radio frequency can also be used to relieve joint pain, improve muscle tension, eliminate lactic acid, and clear the effect of meridians.

BIO:The maximum peak output in BIO mode can reach 440V. In the BIO treatment mode, the high voltage output can feel a strong current impact, so as to achieve the purpose of relieving muscles and activating blood.



CAP

Cap is based on the core technology of constant normal temperature of the epidermis and deep radio frequency heating. Under the condition of ensuring the skin is comfortable and not damaged, the cap is used to generate heat energy conduction, which can accurately reach the deep layer of the skin and stimulate the rapid movement or vibration of ions and charged colloid particles in the body, friction generates heat energy, and at the same time, under the action of polar molecular resonance technology, the collagen tissue of the dermis is heated. When the thermal energy of the deep collagen tissue of the skin reaches 45°C-60°C,

immediate contraction occurs naturally, more new collagen is secreted to fill the gaps of the atrophied and lost collagen, and rearrangement is performed to rebuild the skin soft scaffold. Achieve the effect of firming skin, filling wrinkles, restoring skin elasticity and radiance. CAP is to use the human body as a capacitor to act on the circuit, that is, to use the human body as a whole capacitor to generate thermal effects.



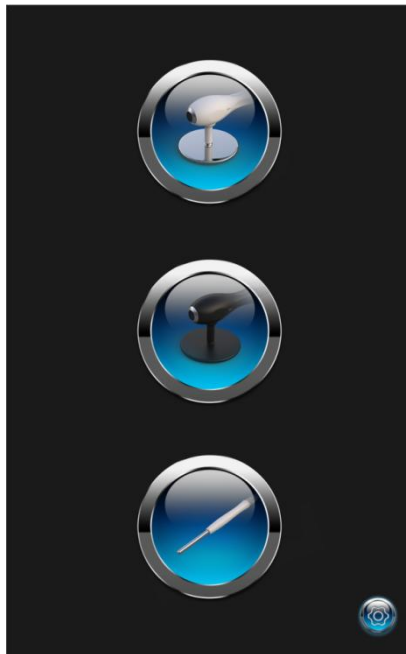
Pointer Electrodes

For lifting and tightening of small areas such as the corners of the eyes, cheeks, neck, etc. Pointer electrodes facilitate precision and control in each application manoeuvre according to the treatment areas being worked on.



4.5 Interface Operation

After turning on the machine, you will see the following operation interfaces(Pic1).



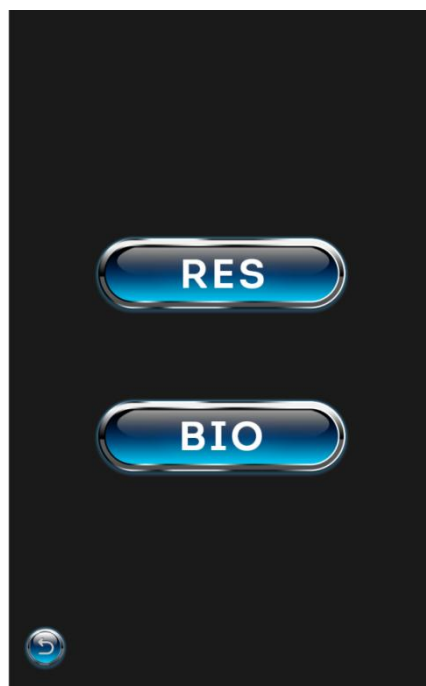
(Pic1)

Choose the treatment mode which you would like to use, and set the treatment parameters.

4.5.1 RES Mode

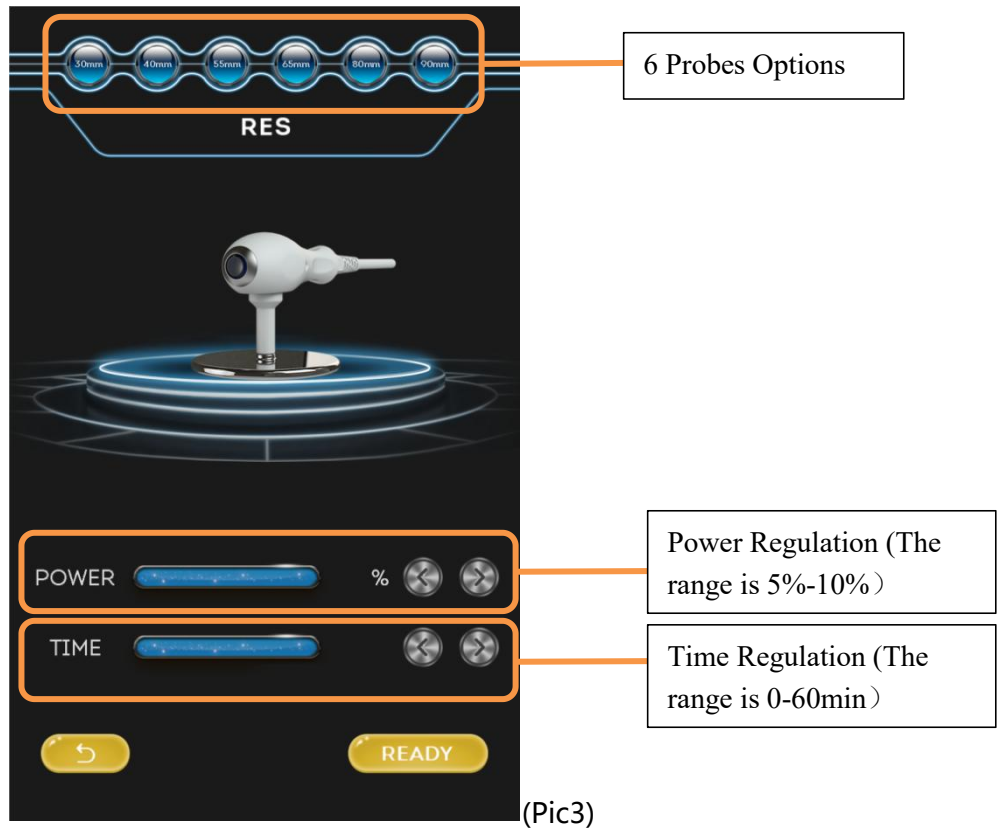


Click  to enter RES mode interface, there are two modes: RES and BIO.(Pic2).

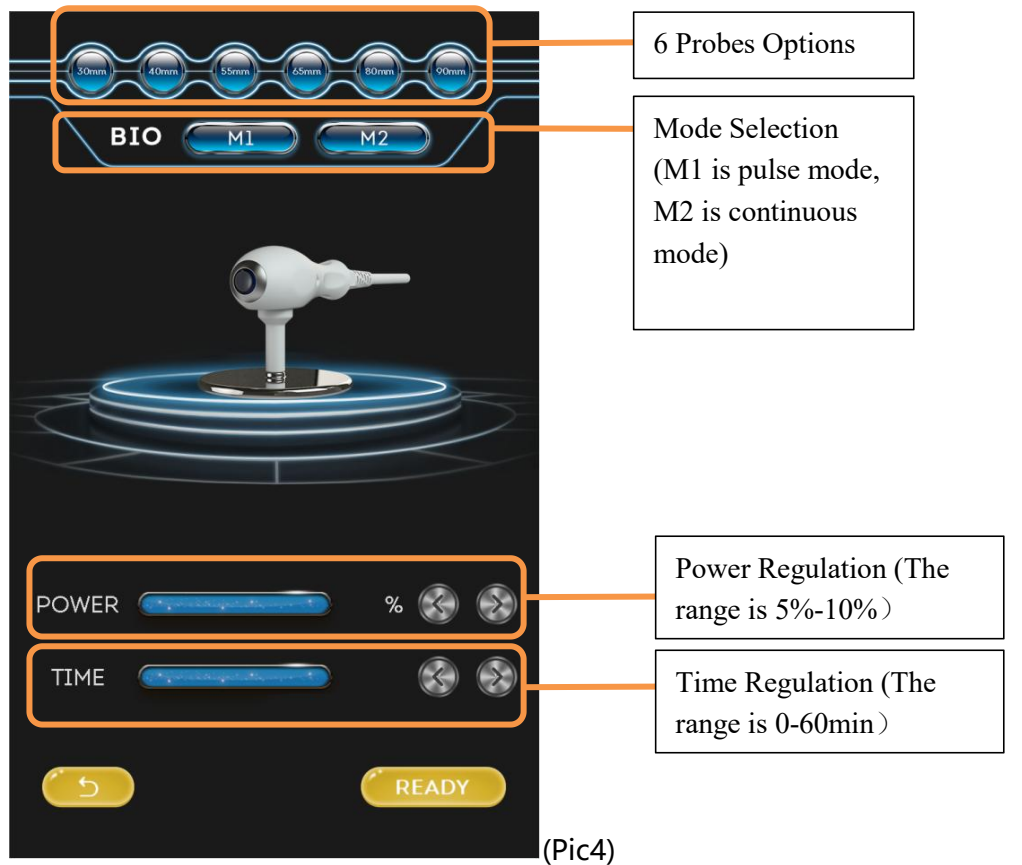


(Pic2)

Click RES or BIO according to customer needs, if you choose RES, then you will see the interface like (Pic3), then you can set the appropriate parameters, and then start treatment.



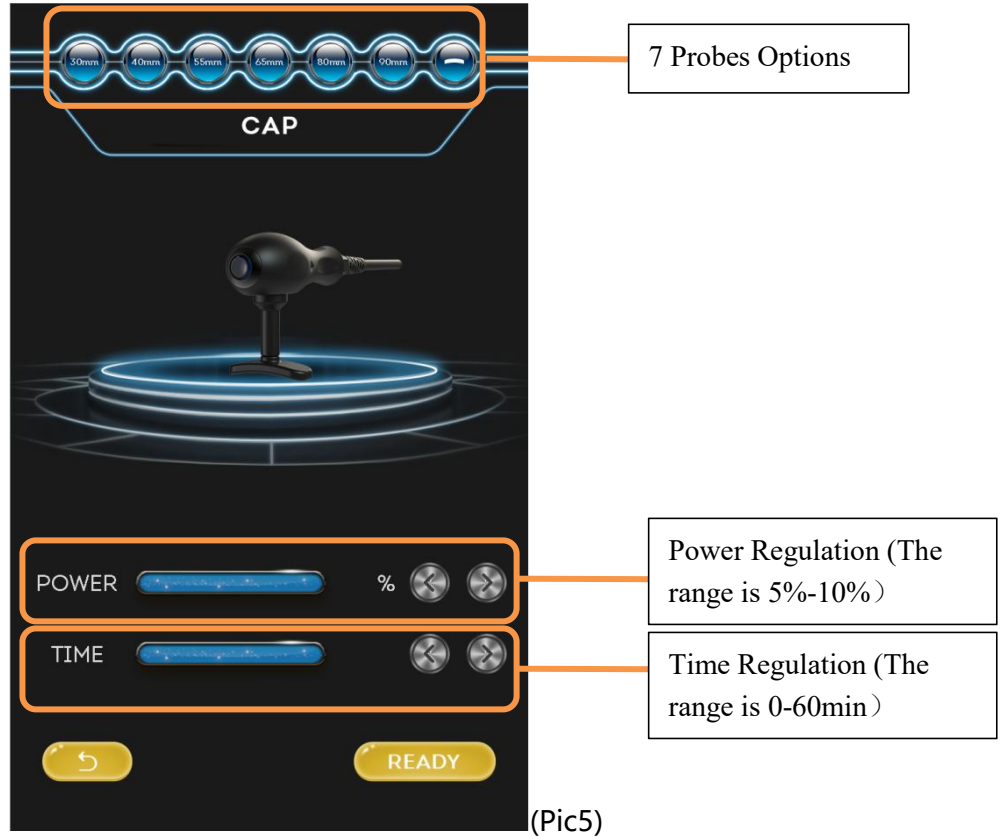
If you choose BIO, you will see the following interface. (Pic4) Then you can set the appropriate parameters, and then start treatment.



4.5.2 CAP Mode



Click to enter the CAP mode and the interface as follow(Pic5):



4.5.3 RES Pointer Electrodes Mode



Click to enter the RES Pointer Electrodes mode and the interface as follow(Pic6):



Power Regulation (The range is 5%-10%)

Time Regulation (The range is 0-60min)

(Pic10)

Chapter 5 - The Operation of the Machine

5.1 Treatment Operation

Step1. Preparation of the treatment

♦Fully communicate with customer. Understanding the guest's needs, physical condition (whether there are injections, whether skin care products containing hormones are used, whether they have been exposed to the sun recently), take photos, and fill in customer information files.

- ♦Check if the instrument is working properly, clean the handle before treatment.
- ♦Explain to clients how they might feel during treatment.

Step2. Clean the skin and place the negative plate

♦Clean the treatment area with towel and the saline or alcohol, make sure that there is no make up on the surface.

- ♦Put the negative plate in suitable place.

Step3. Begin the treatment

- ♦Apply the cream to the treatment area with a thickness of about 1mm.
- ♦Turn on the machine and select the mode you need, choose the suitable probe according to the size of body part and adjust instrument parameters according to the treatment item.
- ♦Keep stepping on the pedal during the treatment.

RES (RES & BIO)							
		RES			BIO		
Part	Parameters	Energy	Time	Negative Plate Position	Energy	Time	Negative Plate Position
Face		5%-30%	15-20Min	Top of back	5%-30%	15-20Min	Top of back
Arms/Abedom/Back		5%-30%	30-60Min	Hand	5%-30%	30-60Min	Hand
Legs		5%-30%	30-60Min	Abedom/Back	5%-30%	30-60Min	Abedom/Back

♦The treatment time is dependent on the fat thickness of the treatment site. The thicker fat, the more therapeutic number of treatment needs.
♦It is recommended to treat at least three times as a course, 2-3weeks as an interval.

CAP				
Part	Parameters	Energy	Time	Negative plate position
Face		35%-60%	15-20Min	Top of back
Arms/Abedom/Back		35%-75%	30-60Min	Hand
Legs		35%-75%	30-60Min	Abedom/Back

Pointer Electrodes				
Part	Parameters	Energy	Time	Negative plate position
Face		5%-30%	15-20Min	Top of back

- ◆After the treatment finished, clean up the cream and wipe it off with water.
- ◆Take a photo and record the guest's usage parameters for reference in the next operation.
- ◆Explain the customer's postoperative care and make an appointment for the next treatment time.

5.2 Treatment Notice

- ◆Make the treatment head vertical and close to the skin and do the treatment with the circle method or straight lift method, strengthen the part that the customer wants to improve. Always observe the skin reaction of the guests and adjust the treatment parameters in time.
 - ◆The operation should be uniform, neither too fast nor too slow. Too slow will result in too hot.
 - ◆The other hand can cooperate with the lifting and feel the temperature.
 - ◆The treatment time is dependent on the fat thickness of the treatment site. The thicker fat, the more therapeutic number of treatment needs.
 - ◆It is recommended to treat at least three times as a course, 2-3weeks as an interval.
 - ◆Fully communicate with customers, switch to the next position in time or turn down the energy if he feel hot.
 - ◆The skin around the eyes and temples is thinner and should reduce energy.

5.3 Precautions Before and After Treatment

- ◆Avoid sun exposure two weeks before treatment.
- ◆Do not take a bath within 4 hours after treatment.
- ◆After the treatment, 300 to 500cc of warm water should be drunk immediately, and keep drinking more than 2000cc of water every day.
- ◆Maintain a daily physical activity of at least 10 to 15 minutes, preferably jogging and aerobic exercise, to maintain a good mood.
 - ◆The diet should be light, eat less sweets, eat more vegetables and fruits, pay attention to the combination of meat and vegetables, and maintain a balanced nutrition.
 - ◆Pay attention to the regularity of work and rest. During the course of treatment, you should avoid drinking alcohol, overeating, and eliminating the habit of eating supper.

5.4 Taboo Crowd

- ◆Pregnant women are forbidden to do.
- ◆People with epilepsy, cancer patients, infectious diseases, heart disease patients (such as arrhythmia), especially those with pacemakers are prohibited, major surgery patients, diabetic patients, hyperthyroidism patients are prohibited.
- ◆If there is a wound on the skin, avoid the wound or do not do it.

- ◆ People who injected within 3 months with botulinum toxin, hyaluronic acid(It will accelerate the metabolism of their injected substances).

- ◆People with unrealistic fantasies about effects.

- ◆Patients who are taking insulin.

- ◆People with severe hypertension, hyperlipidemia and hyperglycemia.

- ◆Patients who take painkillers for a long time.

- ◆People with metal objects in their bodies.

5.5 Indications

- ◆People with fatty liver, shoulder and neck fat accumulation and other sub-health.

- ◆People who often have digestive problems.

- ◆People with disorders of fat metabolism, obesity, arteriosclerosis, hyperlipidemia, hypertension, hyperglycemia, and high uric acid.

- ◆People with a family history of cancer.

- ◆People with cold uterus, hypothermia, irregular menstruation, and easy to grow spots due to gynecological diseases.

- ◆People who have decreased physical function, have signs of premature aging, and want to improve immunity.

- ◆People with muscle and joint pain, long-term soreness, rheumatism and varicose veins.

Chapter 6 - Maintenance of the Machine

To ensure safe and reliable operation, regular maintenance and good care are very important. This section describes the routine and other periodic maintenance of this machine handling system that operators can perform.

6.1 General Cleaning

Clean the outside of the device regularly with a soft damp cloth or microfiber cloth. You can also use neutral detergents and alcohol-free wipes. The handle operating head should be cleaned regularly after use.

You should clean the head once a week or after use, as cold gel or cream will be attached to the head of the treatment and should be cleaned up promptly.

The operating head should always be free of dirt and accessories.

6.2 Transport, Storage and Movement

- ◆Minimize transportation, because the risk of equipment damage is greater.

- ◆When moving or storing, please keep and use the original packaging.

- ◆If you move to another treatment room, please keep the device level when moving.

- ◆Be careful when storing and using, pay attention to avoid impact, collision, squeezing and vibration. And the machine needs to be reset and stored in a dust proof state after each use.

- ◆When moving or storing, please keep and use the original packaging. Do not move your device unless necessary. If you move to another treatment room, keep it level while carrying it.

- ◆220V/110V, 2000W voltage stabilizer should be installed to prevent voltage instability and pulse interference from causing damage to the machine.

- ◆This machine should be placed in a room with a temperature higher than 20°C, and stay for at least 6 hours before use.

6.3 Troubleshooting Guide

This section outlines the most basic troubleshooting steps for the machine.

6.3.1 The machine does not start

- ◆Check the power supply has electricity and the attaching plugs are securely inserted both ends and socket is switched on.

- ◆Check the red emergency button is released.

6.3.2 Operating head does not work when the button is pressed

- ◆Check whether the machine is in the correct working state.

- ◆Check whether the cable and connection plug are damaged, if any parts are damaged, please contact us to replace.

6.3.3 Electric shock may occur when touching the machine

- ◆Three grounding plugs should be used, and the power socket must be properly grounded.

- ◆The voltage is unstable, and a voltage regulator should be introduced.

Contact Us

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