

ETG19B

Freeze RF cavitation inport system

User manual



WARNING

Dear user:

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

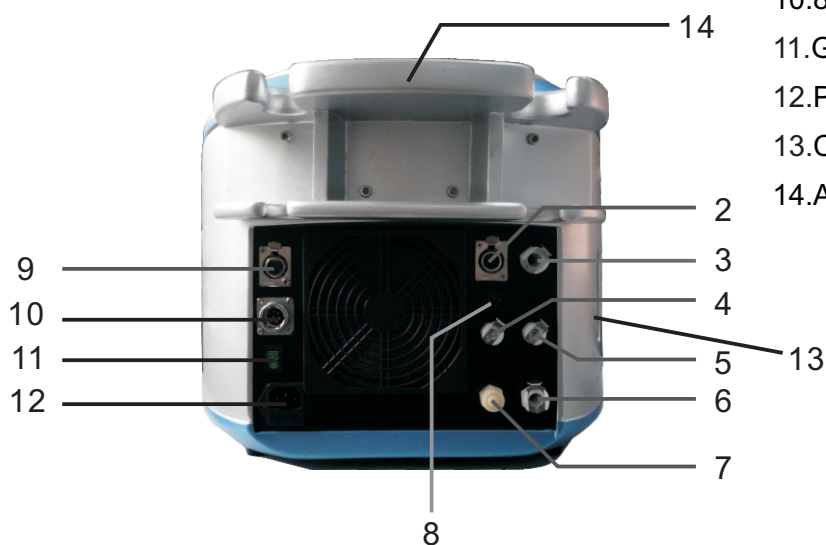
- ◆ ◆ Please read this instruction in detail, and keep it well for further reading and consulting.
- ◆ ◆ Please follow the instruction to fit and operate the machine correctly.
- ◆ ◆ Please do not remove and change any accessories of the machine.
- ◆ ◆ It forbids others to open and remove the mainframe 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, please don't use for disease treatment!

Parts Introduction



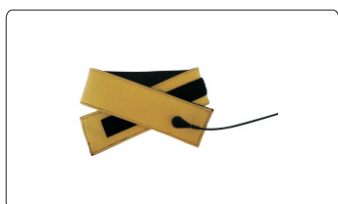
- 1.LCD touch screen
- 2.Cool&heat hammer socket 1
- 3.Inlet
- 4.Cool&heat hammer socket 2
- 5.Cool&heat hammer socket 3
- 6. Overflow
- 7.Coolant discharge valve
- 8.Induction electrode socket
- 9.Bipolar RF work head for eyes socket
- 10.8-polar RF work head for body socket
- 11.General power switch
- 12.Power supply line outlet
- 13.Coolant level window
- 14.Accessory frame



Bipolar RF work head



8-polar RF work head



Induction electrode



Cool&heat hammer

Transportation & Installation

Before transportation:

The coolant should be cleared before transportation.

Method:

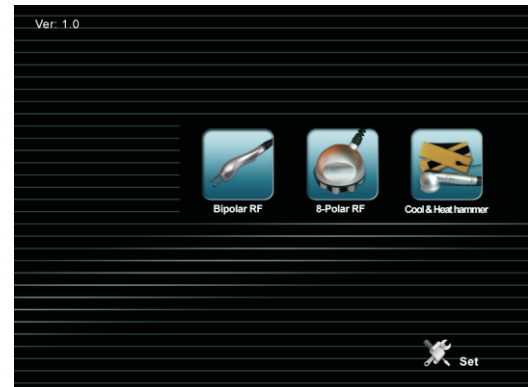
Open the coolant discharge valve[7], (turn anticlockwise and fasten the pull out the stopper), discharge the coolant, shake the machine to help the coolant get out completely.

Add coolant steps

Connect power supply line[12], turn on general power switch [11].The system will enter interface as (Fig 1)shows, Click “set” to enter interface as (Fig 2). Click “Liquid setting” to enter interface as (Fig 3) add coolant sketch map, Click “start” began to add coolant. Press “ ” to return back (Fig 2).

- 1.Use purified water(or special coolant).
- 2.Make sure the coolant discharge valve is closed.
- 3.Will hard hose inserted excessive runner.
- 4.Use special funnel to connect to coolant inlet[3], the funnel higher than the inlet about 20cm.
- 5.Add purified water(or special coolant) from the funnel.
- 6.Add liquid until there is overflow from [6].
- 7.Check from the window[13] whether the liquid is full.
- 8.Add cooling fluid successfully ,take off the funnel.

Note: Add water or special cooling fluid in the capacity of about 500 ml, suggest 3 months replacement again.



(Fig1)

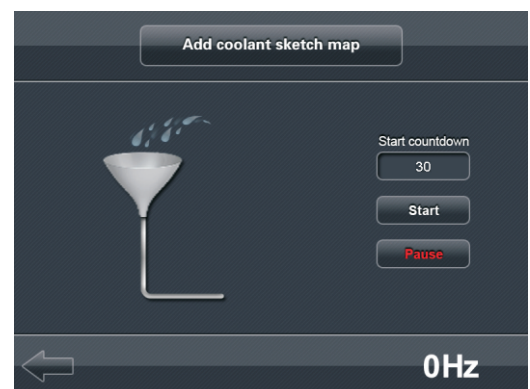


(Fig2)

Basic Operation

1. Connect all accessories to the host
 - ① Insert “Cool/heat hammer”plug 1 to socket[2];
 - ② Insert “Cool/heat hammer”plug 2 to socket[4];
 - ③ Insert “Cool/heat hammer”plug 3 to socket[5];
 - ④ Insert “Induction electrode” to socket[8];
 - ⑤ Insert bipolar RF for facial handle to[9];
 - ⑥ Insert 8 polar RF for body handle to[10];
2. Connect power line[12], turn on general power switch[11].

The system will enter in standby state as (Fig 1) shows.
3.
 - (1) In interface as (Fig 1) shows, Click “Set” to enter interface as (Fig 2) shows.
 - (2) Click “Bipolar RF” to enter interface as (Fig 4) shows.



(Fig3)

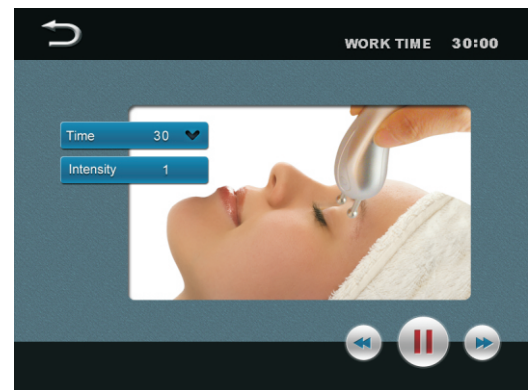
- (3)Click “8-polar RF” to enter interface as (Fig 5) shows.
- (4)Click “Cool&heat hammer” to enter interface as (Fig 6).
- (5)Click “↶” to enter interface as (Fig 2) shows.

4.

- (1)In interface as (Fig 2) ,Click “Basic setting” to select language.
- (2)“Advanced setting” is only for manufacturer, Users do not use.
- (3)Click “Liquid Setting” to enter interface as (Fig 3),the steps please refer to “ Add coolant steps”

Note:

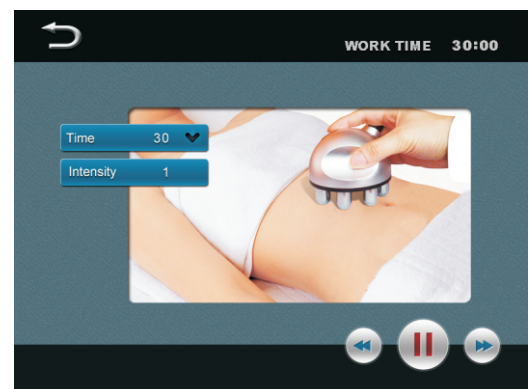
Before turn on the machine, please check whether Coolant level window[13], if not filled with liquid , Please add cooling fluid and prevent affect freeze effect .



(Fig4)

Bipolar RF treatment for facial

- 1.In interface as (Fig 1), Click “Bipolar RF” to enter interface as (Fig 4), begin facial treated function.
- 2.Click “Time” to set working time, the system default timing is 30 minutes, Press “<<”and “>>”to regulate. the range is 1 to 60 minutes .About 10 minutes for eyes, and 15 minutes for face.
- 3.Click “Intensity” to regulate RF output intensity, the system default is 1, Please Click “<<”and “>>”to regulate, the range is 1(weak) to 6(strong).
- 4.Click “||” ,the system begin to work.



(Fig5)

- 5.Apply gel on eyes around skin, move in circle, the electrode probe move from inside out, move to the temple, don't let gel enter eyes. lift up the area of the Canthus and eyebrow, move in line. The eye around skin is very sensitive, so be careful, don't make the probes too hot.dont let gel into eyes.
- 6.Divide the facial skin into two part from the middle ,Apply gel on face around skin, move in circle, move the electrode probe from inside out, along the direction of lymph, from the bottom up to do thermal therapy. Do other side in the same way. Repeat for 5~8 times.
The Forehead has less fat, the edge of the eyebrows is also very sensitive, and the output intensity should be lowered.
- 7.The machine will pause automatically if the setting time is over. Clean the leftovers with hot towel, use warm towel to clean the RF electrode head.

8 polar RF Body Treatment

- 1.Click “8-Polar RF” to enter interface as (Fig 5) shows, begin to body treated.
- 2.Setting working time, about 20~30minutes for body.

3. Adjust output intensity, the range is 1(weak) to 10(strong).
4. Clean the parts and applied gel on fleshy parts(eg. abdomen, hip, thigh) .The amount depends on moving flexibility of work head. If there is much fat, you can increase the output intensity. Click “||” , the system begin to work. Beautician hold the 8-polar RF work head to move slowly on skin, in circle or beeline repeatedly.
5. The machine will pause automatically if the setting time is over.
6. Clean the leftovers with hot towel, use warm towel to clean the RF electrode head.

RF Caution

1. Beautician should wear insulated gloves during operation.
2. Do not wear any aglet, both for the beautician and the users.
3. The electrode probe must be fully in contact with skin.
4. Do not make the RF electrode stay on any part without moving. Keep it moving on skin slowly.
5. Skin around eyes and forehead is very thin, the RF output intensity should be relatively weakened.
6. Do not contact skin with unipolar when using bipolar, otherwise it will produce pulse discharge, gel paste etc. Products will be evaporated into a mist.

Cryolipolysis & Micro electric current

Use this feature of the triglyceride fat in within specific low temperatures could translate into solid, through the non-invasive transmitters transmit accurate control of temperature wave to the specified areas, de-fatting against and eliminate fat cells . Fat cells in cool, will start after natural decomposition cleanup processes, make fat layer gradually thinning, Thus through normal metabolism process, make fat layer gradually decrease, achieve the purpose of local de-fatting .

The micro electric current can stimulate the activity of the nervous system of the body of the central nervous system, a good stimulation, the help nerve normal reflection. Regulating body metabolism, make abnormal restore balance of higher nervous activity.

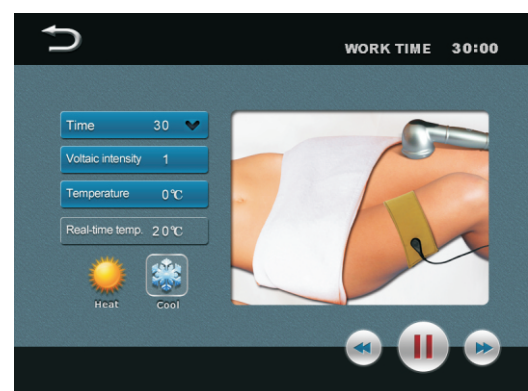
Freeze loose function

1. In interface as (Fig 1), Click “Cool&heat hammer” to enter interface as (Fig 6).
2. Click “Time” to set working time, About 15 minutes or 20 minutes for each part.
3. Click “Voltaic Intensity” to regulate. The system default is 1, Please Click “<<” and “>>” to regulate, the range is 1(weak) to 10(strong). OFF means that close the function of Micro electric current.
4. Click “Temperature” to set temperature of cool&heat hammer.

The default the therapy is cool , the range is -5 to 5 .

Click “heat” could choose heat therapy, the range is 37 to 42 .

The real-time temp mean that the real temperature arriving at of the hammer.



(Fig6)

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5. Apply medium on treated part, (Heat therapy may use gel or essential oil; Cool therapy may use antifreeze product). Heating the skin up to promote the activity of local blood, reduce the comfortlessness of the cool treatment.
 6. Put induction electrode around arm or leg. Click “||” ,the system begin to work. Beautician hold the hammer to move slowly on skin, in circle or beeline repeatedly.
 7. The machine will pause automatically if the setting time is over.
 8. Clean the leftovers with hot towel, use warm towel to clean the RF electrode head.

Freeze Function Caution

1. The equipment must be operated by professionals.
2. Do not use without antifreeze. Possible treatment skin has injury, skin areas damaged, freezing, skin pigment etc. as long as the proper care can be.
3. Patients using the following medical electrical equipment can not use the equipment.
 - Implanted cardiac pacemakers or other implanted electronic devices;
 - life-sustaining artificial heart-lung machines and other equipment;
 - Portable ECG measurement equipment;
4. The following patients should be agreed by the professional doctors before using the equipment.
 - Patients with acute disease;
 - Malignancy;
 - Patients with Infectious diseases;
 - Pregnant women;
 - Patients with heart diseases;
 - Patients with fever;
 - Patients are receiving treatment or those with abnormal body phenomenon;
5. The following patients using this device should be taken care of
 - Sensory or physically impaired persons;

Forbidden group

1. People with heart disease or high blood pressure, or configured cardiac pacemaker.
2. Patients with acute inflammation, asthma, deep vein thrombosis, thyroncus, cancer.
3. People with hemorrhagic disease, trauma or who is bleeding.
4. Pregnant women.
5. Medical Plastic parts, or parts with artificial infilling inside.
6. People with metal inside the body(include metallic tooth).
7. Patient with skin inflammation or with edema.
8. People with an abnormal immune system.
9. Numb or insensitive to heat.
10. The liver problems, Renault's disease, serious cold sex urticaria, cold globulin hematic disease, cold fibrin blood. Disease, severe frostbite, severe diabetes patients and old age, children, such as weak and The intolerance of cryotherapy.

Maintenance

1. Appliances and medical equipment close to the equipment may be resulting in operational failure due to Interference.
2. Prohibit use of the equipment in the following environment
 - Hot and humid environment
 - Dusty environment
 - Environmental with much smoke or steam
3. If there comes a failure, please shut down the power immediately, and send it to the distributor or manufacturer for maintenance. Do not repair by yourself.
4. The cooling fluid is pure water or special cooling fluid, keep it clean during transportation or long time no use. And should be filled properly before use.
5. Exclusion of liability.

The Company is not responsible for the following circumstances:

- (1) If fire, earthquake, war occurred;
- (2) The fault of the user, operator error;
- (3) Damage caused by using other method (not included in the use manual).
- (4) Operate without the manual's guide.

Technical Parameters

1. Input: 220V/50Hz 110V/60Hz
2. Power: $\leq 300\text{VA}$
3. Import current: $\leq 8\text{mA}$
4. Cooling liquid: pure water or special coolant

Annexlist

- | | |
|------------------------|--------|
| 1. Host | 1 set |
| 2. Power line | 1 pcs |
| 3. User manual | 1 copy |
| 4. Accessories frame | 1 pcs |
| 5. The electrode belt | 1 pcs |
| 6. Electrode lines | 1 pcs |
| 7. Coolant waves head | 1 pcs |
| 8. 8 polar RF for body | 1 pcs |
| 9. Bipolar RF for eyes | 1 pcs |
| 10. Silicon tube | 1 pcs |
| 11. Trumpet funnel | 1 pcs |
| 12. Hexagon wrench | 1 pcs |
| 13. Hexagonal screws | 4 pcs |
| 14. Sealing ring | 5 pcs |