

CRYOLIPOLYSIS EQUIPMENT USER GUIDE

FreezeFats Doublechin



Warning

Dear user:

Thanks for using our company's products, in order to fully make use of the products, we sincerely suggest 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.

Technology Background

Too much fat can damage people's appearance and athletic ability. May also cause various diseases. Too much fatty tissue can be located in various parts of the body, including the thigh, buttocks, abdomen, knee, back, face, arms and other areas. And an excess of adipose tissue may be caused ugly appearance formed by cellular. Excess body fat also related to significant health risk. So, we need effective method to control or dissolve excess body fat.

Liposuction is a cosmetic surgery procedure that slims and reshapes specific areas of the body by removing extra fat deposits. Usually operated by the Plastic Surgery or dermatologist with a special surgical instrument for liposuction, it is an invasive way to remove subcutaneous fat tissue.

There are also possible fatal complications and negative side effects associated with having liposuction. These temporary factors include swelling, painful bruising, pain, numbness, limited mobility and allergic reaction. In addition, liposuction is of high cost. There are other new emerging technologies to remove subcutaneous adipose tissue, including Mesotherapy laser-assisted liposuction and high-intensity focused ultrasound.

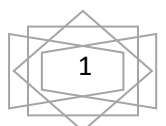
Other non-invasive way to remove excessive fat including drugs, diet pills, regular exercise, diet control, or a combination of these methods. A disadvantage of these treatments is likely invalid, and even in some cases impossible. For example, when a person physically injured or sick, you cannot select the way of regular exercise. Similarly, when the diet pills or external use of drugs are allergic or cause adverse reactions, in addition, the use of physical or systemic approach to lose weight, you cannot dissolve the body fat of a selected area.

The Cooling procedure using Cryolipolysis is fundamentally different from other non- or minimally invasive modalities, and it was approved as the most effective way to fat reduction.

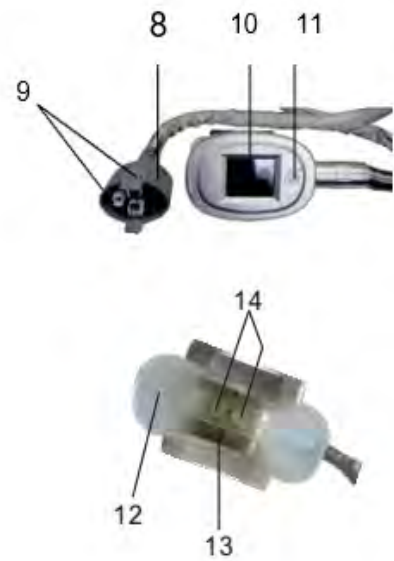
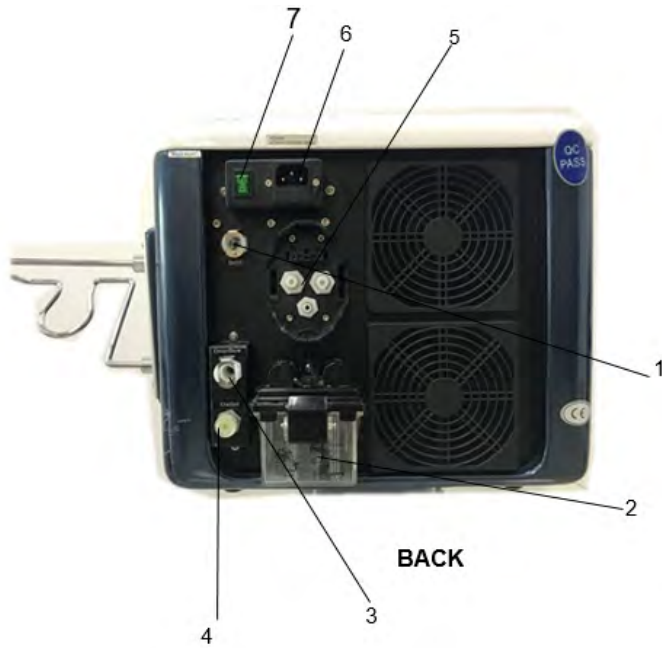
This revolutionary new fat loss method, which is approved as an important technology progress in fat reduction since it is put into use. For those people who is on diet, do regular exercise but still remove local fat, Cryolipolysis definitely a great gift. For fat intensive parts and less parts, such as love handles (flanks), and back fat. (loose fat above the hip on both sides of waist), belly and back fat, Cryolipolysis can produce stunning results.

Cool Technology

As triglyceride in fats will be converted into solid in particular low temperatures. It uses advanced cooling technology to selectively target fat bulges and dissolve fat cells through a gradual process that does not harm the surrounding tissues, reduce unwanted fat, when fat cells are exposed to precise cooling, they trigger a process of natural removal that gradually reduces the thickness of the fat layer. And The fat cells in the treated area are gently dissolved through the body's normal metabolism process, to dissolve unwanted fat.



Parts Introduction



NOTE:
The colloidal particle must be plug back to the hole of valve after cleaning in order to prevent leakage.

- 1.Coolant inlet
- 2.Filter cup
- 3.Overflow
- 4.Coolant discharge valve
- 5.Output connector of instrument frame
- 6.Power supply line jack
- 7.General power switch

- 8.Plug of cooling fat dissolving handle
- 9.Buttons of cooling fat dissolving handle
- 10.Display window of cooling fat dissolving handle
- 11.Control button of cooling fat dissolving handle
- 12.Vacuum suction area
- 13.Freezing area
- 14.Red/Green LED indicative light

Accessories



Size200



Bind ties



Size150



Size100



Double chin

Before Transportation

1.The coolant should be cleared before transportation.

2.Method:


Open the coolant discharge valve [4] as the picture shows (turning it to the counter clockwise and the pull out the stopper), discharge the coolant, move the machine to help the coolant get out completely.

Notice:

While discharging the coolant, the cooling fat dissolving handle should be placed at the handle support.

Steps of Add Coolant

1. Use purified water (or special coolant) ;
2. Make sure the coolant discharge valve [4] is closed;
3. Use special funnel to connect to coolant inlet [1];
4. Add purified water (or special coolant) from the funnel;
5. Adding coolant enough until liquid flows from the output weir [3];
6. Add cooling fluid successfully first time ;
7. Connect power supply line [6], turn on general power switch [7], input password "000000" in interface as

(Fig 1), enter interface as (Fig 2) shows, click "  " at the left lower corner, enter interface as (Fig 7) shows, and Click "Liquid setting", enter interface as (Fig 9) shows, click "Start" to become counter down.


8.Take off the funnel.

▲Noting:

1. When injecting into the coolant, please put the body work handle lower, close to the ground.
2. Add about 1L pure water or special cooling fluid, change the water after 3 months.
3. When unable to add into the coolant, please open the valve [4] (counterclockwise rotating the cover and pull out the rubber plug) and adding the coolant as well as observing. when the liquid flow out smoothly from the valve [4], please obstruct the valve and continue to add into the coolant.

Control Panel Description







(Fig 2)
Click the picture or “→”
to enter interface as (Fig 3).
△Click “” to enter interface
as (Fig 7) when add coolant.

(Fig 1)
Input default password:
“000000” (Pass if use IC card
control) to enter interface as
(Fig 2) shows.




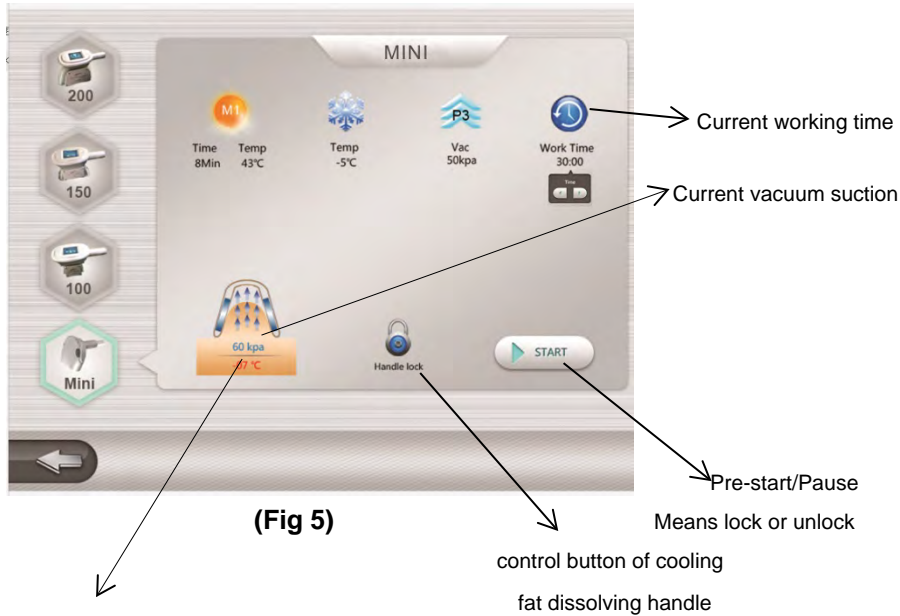
(Fig 3)
In interface as (Fig3), users can
be set various parameters. The details
were shown in interface as (Fig 4).
Click on “←” to return the interface as
(Fig 2).

(Fig 4)
 Means warm treatment temperature;
Click “warm” picture to adjust warm
temperature, the range is 5°C to 45°C.
The time range is 1-3 minutes.
 Means cool treatment temperature;
Click “cool” picture to adjust cool
temperature, the range is -15°C to 5°C.
 Means pressure, click the picture
to set pressure, the range is 10-80kpa.
 Means work time;
Click the picture to set work time,




the range is 10 to 120mins.

After setting various parameters, Click pre-start button “” to enter interface as (Fig 5) shows.



Current work temperature of the cooling fat dissolving handle

- △ Press the control button of cooling fat dissolving Handle [11], the machine start working.
- △ the temperature come down freezing temperature that has been set. The green light when begin freezing fat dissolving.
Green Light: Reducing the skin edema during the freezing treatment.
- △ The machine start working. At this time the setting work time cannot be adjusted; cool treatment temperature and vacuum intensity can be adjusted.
- △ Click “” or “←” while working to enter interface as (Fig 6) shows.
Click “ok” to return to the interface as (Fig 3);
Click “cancel” to continue working.





(Fig 7)

Click “Basic setting” on interface (Fig7) to enter interface as (Fig 8) shows.
 Click “Liquid setting” to enter interface as (Fig 9) shows.
 Click “Clean gas pipeline” to enter interface as (Fig 10) shows.

Notes: “advanced setting” is for manufacturer only.

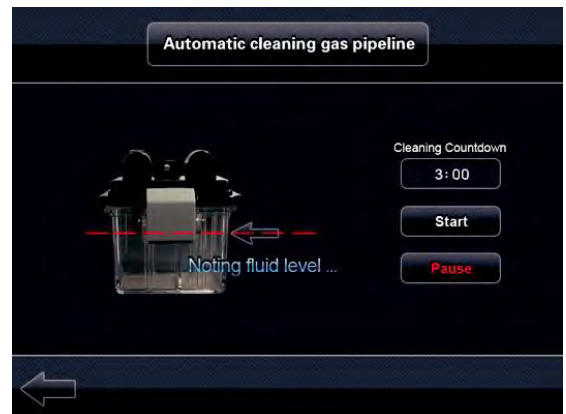


(Fig 8)

It can choose the language that you use

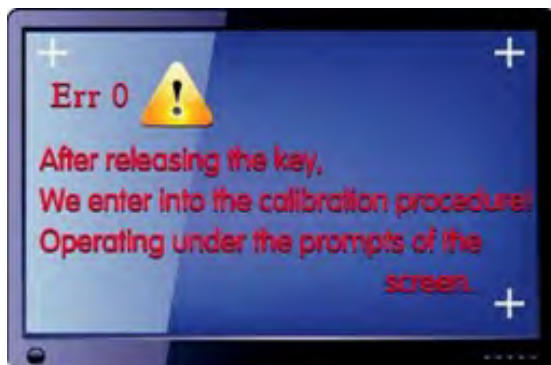


(Fig9)



(Fig10)

Click “start” begin to clean gas pipeline, working time is 3 minutes, notice the filter cup while cleaning. if the filter is full, please click “pause” and cleaning it.



(Fig11)

If you want to calibrate the screen, press and hold your finger on the screen, and then turn on the general power switch, the machine enters as (Fig 11) shows, following the prompts of on-screen to calibrate.

Treatment Setting

- 1.30-60 minutes for each part (depending on thickness of fat and health status).
- 2.You can only treat cellulite part by part, for example, to dissolve cellulite of the entire waist, you need to complete several courses. (Please do not treat more than two parts of body in the same cause of treatment).
- 3.Take another cooling procedure at the same position 2 months after the first course, which can reduce the extra fat layer thickness, twice treatment, can enhance the effect of cryolipolysis.
- 4.The freezing fat treatment designed for localized hypertrophic fat accumulation area, physical healthy people, but not suitable for overall obesity. Treatment mainly for a particular part, such as waist fat, belly and back, and another local cellulite. Treatment is not omnipotent and cannot cure obesity, it cannot replace liposuction or other invasive therapies. A Substantial weight loss should be through a balanced diet and do regular exercise, freezing fat treatment can only be carried out for extra fat.
- 5.Proposed use of clinical parameters. [according to Clinical situation].

Skin Antifreeze

Qualified antifreeze should be used during the treatment, that avoid frostbite when temperature lower to the 0 to -40 degrees. [Consumables, purchase on your own]

Operation Process

1. Please checking whether the number of the coolant level window is above 4.5 before turn on the machine.

If it less than 4.5, please add coolant to avoid the bad effect on the cooling system.

- 2.Test the heart rate of the people who is receiving the treatment, whether it is normal [50-100] and ask them

there is other disease inapplicable to the treatment.

- 3.Check the thickness of the fat, with the help of fat calipers.

- 4.Clean treated area, Clear the hair of the treated area.

- 5.Mark the size of treatment area.

- 6.Open the package of antifreeze membranes.

- 7.First, take out the small antifreeze membrane and smear the edge and inside of cooling fat dissolving handle.

- 8.Then open the big antifreeze membrane as (Fig13) shows.

- 9.Paste antifreeze membrane on treatment area as (Fig14) shows.

10. Patients receiving the treatment should be sitting make upper body and thigh to 90 degrees as (Fig12) shows.

11. Choose the freezing treatment according to thickness of fat

12. Click "Start", the machine is into the standby.

13. Make the cooling fat dissolving handle to suck the treated area gently as (Fig 15) shows, press the control button once to start vacuum suction. (add pressure)

14. When the suction strength is suitable, press the control button again, to keep the stable pressure. Click the "🔒" as (Fig 3), locking buttons of freezing fat dissolving handle.

If change the work state, please click the

🔓 key to unlock it.



(Fig 12)



(Fig 13)

Antifreeze membrane



(Fig 15)

Absorb



(Fig 14)

Paste membrane



(Fig 16)

Treatment in progress

15. Timing of treatment as (Fig 16).

16. Damage, minor frostbite, skin pigment may occur at the treated area, care properly.

Caution

1.The machine must be operated by professionals.

2.Banned in no case of anti-freeze membrane treatment, during the course of treatment must ensure anti-freezing film completely cover the treatment site, otherwise can appear frostbite, etc.

3.According to the clinical, Individual physical users may occur frostbite reaction, you can raise the temperature according to fat thickness or consult professional doctor.

4.Cautions especially:

The same people please do not treat a large area of body or treat the adjacent part of the body that have been treated in the same course of treatment (in 1~2 months). As (Fig17) shows: if you operate of part ①, you cannot operate the part ② or part ④, so you can only operate part ③. If you against this regulation, Light will cause the metabolic disorders, Heavy then cause metabolic acidosis and the toxins from the body doesn't stranded.

5.Patients using the following medical electrical equipment cannot use the machine. —Implanted cardiac pacemakers or other implanted electronic devices;

—Life-sustaining artificial heart-lung machines and other equipment; —Portable ECG measurement equipment;

6.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;

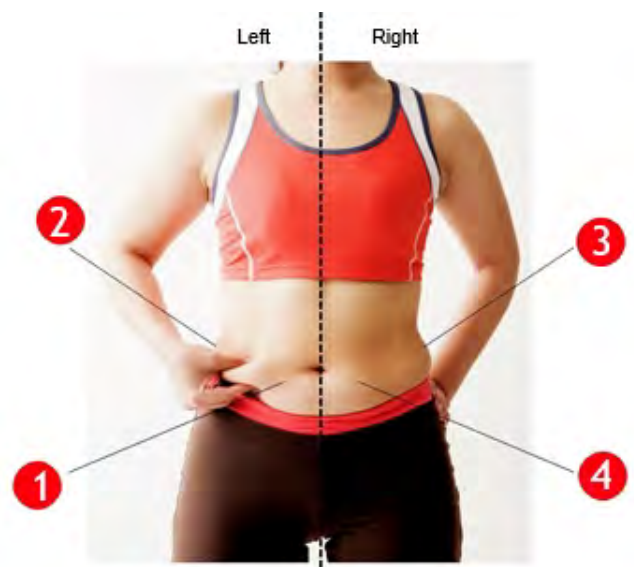
—Patients are receiving treatment or those with abnormal body phenomenon;

7.The following patients using this device should be taken care of.

—Sensory or physically impaired persons;

8. If the screen display: **“Please check and clean the filter cup!”** or **“Filter cup is full, please clean!”**, Please check the filter and clean it immediately, then press any key to exit.

Otherwise maybe damage the machine.

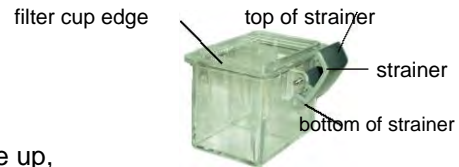


(Fig 17)

Filter cup Remove & Install Method

Removing the filter operation:

Pull out the bottom of strainer on the filter and further to hike up, and then take off the filter



Filtering installation operation:

1. Connecting the filter and filter cup and lift the filter cup to close the filter.
2. Make the strainer hold the edge of the filter and press the lower side of the strainer inward.
3. Installation finished, check whether connect the filter cup and filter well



Announcements on Clinical

Freezing fat machine can freeze fat, at the same time, it may have the following risks:

1. Now research shows that individual who has skin without cold-resistance will have cold injury phenomenon when chose -5 degrees or below. We suggest 5-0 degree for this kind of crowd.
2. For customers who use for the first time, they shouldn't choose below -8 degrees. -8 degree to -10 degree is suitable for fat layer thickness reaching 55mm or more. Please don't use it if the fat is less than 55mm, or it will have risk of cold injury.
3. If the liquid in anti-freezing membrane is too little (Normal is opening the package, you can see there is little liquid in bag or the membrane is very moist), please do not use. Abundant liquid can well protect the skin from been frostbite.
4. Please check if the anti-freezing membrane can fully cover the treatment area. The skin will have cold injury in 2 minutes without the membrane.
5. For sucking in the skin at the beginning of the treatment, you can choose vacuum pressure(40-70kpa), after 3 minutes, please adjust pressure to 40kpa, long time in high pressure(60-80kpa) during the treatment will increase the risk of skin blisters.
6. Cold injury phenomenon:

Check the therapeutic part and you may have cold injury if the skin becomes harder or has lump, please use warm towel (42 degree) to cover the skin for 10 minutes. The treatment part will have blisters, skin will scab after the bubble bursts, keep cold injury wound clean and dry, apply frostbite cream for a few days and the wound would heal.

Another processing method:

1. For larger blister, please dry up the liquid inside the blister, bandage it with soft dry gauze, or expose it after applying frostbite cream;
2. Please use antibiotic wet gauze if the wound is infected, and then use frostbite cream.
4. Please go to see doctors if the situation gets serious.

Contraindications

- Liver problems;
- Severe cold urticaria;
- Cold fiber hypoproteinemia;
- Severe diabetes and the elderly, young children, frail and so intolerant of cryotherapy;
- Patients with physiological hypotonic.
- The Raynaud's disease;
- Cryoglobulinemia;
- Severe frostbite;

Maintenance

1. Appliances and medical equipment close to the machine 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
2. 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.
3. 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.
6. After using the machine for over 40 hours, please take off the dust filter and clean it.
7. Do not make the machine close to the wall, keeping a 30CM space around for cooling.
8. The service life of the cooling dissolving fat handle is about 5000 hours.

Simple Troubleshoot

When the instrument appears fault during the operation, the user could diagnose and rule out some simple questions through the following guides. If still not resolved, please call our Customer Service Department for consulting as soon as possible.

1. Nothing happens when turning on the general power switch.

- (1) Ensure that the AC power is normal or not.
- (2) Ensure that the power supply line is broken or not.
- (3) Ensure that the fuse is normal or not.

2. The touch screen failure.

- (1) Touch screen click on invalid:

Maybe the touch screen is pressed, please gently press the four corners and the center of the screen, then turn off the instrument, wait for one minute, then restarts it.

- (2) Positioning error of touch screen:

Turn on the instrument, enter interface of calibration. If the problem still exists, please call the Customer Service Department.

- (3) If the touch screen is broken, please call the Customer Service Department.

3. Touch screen display error:

Please turn the power off, wait one minute after a reboot, If the problem still exists, please call the Customer Service Department.

4. After starting, the screen displayed:

E0: Connection failure between display control board and handles control board.

Please check whether the plug of cooling fat dissolving handle [8] connect well or not, and then reboot.

E1: Connection failure between display control board and function control board.

May caused by the loose connection between display control board and function control board. Please call the Customer Service Department and operating under their guidance.

E2: Flow sensor fault! To add water or not!

(1) Check whether the connection of the equipment to handle is being pressed or folded please.

(2) If the problem still exists, please read the add coolant steps and cautions, add the coolant again.

E4/E5: The temperature sensor of left/right working head is out of work, please get away from the working head to avoid burning.

(1) If the temperature deviation of the work piece in left / right handle is too large, that may cause alarm. At this moment, please back the handle and judge the work piece is work after no-load for 30 minutes and observing the left / right work piece freezing.

(2) Temperature rises after power on may cause the alarm:

① Start cooling, heat the work piece and then the temperature slowly increased, if causing alarm, please check the coolant, if abnormal coolant, re-join the coolant.

② 1 to 2 minutes after power on, the abnormal temperature rises without refrigeration process. If causing alarm, please replace the handle for the broken handle.

Technical Parameter

- 1.Input: 220V/50Hz □ 110V/60Hz □
- 2.Power: < 450VA
- 3.Cryo: 5°C ~ -11°C
- 4.Heat:37°C- 45°C
- 5.Vacuum: 10 ~ 80Kpa
- 6.Cooling liquid: Pure water or special coolant
- 7.Fuse: T3.15AL250V
- 8.Ambient temperature: 5°C ~ 40°C
- 9.Relative Humidity: ≤80%
- 10.Atmospheric pressure: 86KPa ~ 106Kpa

Accessories List

- * Cryo fat dissolving handpieces: 1 set(4pcs)
- * Antifreeze membranes: 10 pcs (medium size)
- * Band ties: 1 set
- * Fat caliper: 1 pc
- * User manual copy: 1 pc
- * Power supply line: 1 pc
- * Handpieces holder: 1 pc
- * Silicone tube: 1 pc
- * Sealing ring: 10 pc
- * Hexagonal screw driver: 1 pc
- * Hexagonal screw : 2 pc