

# WL-ETG 50 Cryoliposis

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 struction 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 cause ugly appearance formed by cellular. Excess body fat also related to significant health risk. So we need effective method to control or eliminate 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 instruments 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 can not 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 can not eliminate 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 eliminate 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 eliminated through the body's normal metabolism process, to eliminate unwanted fat.

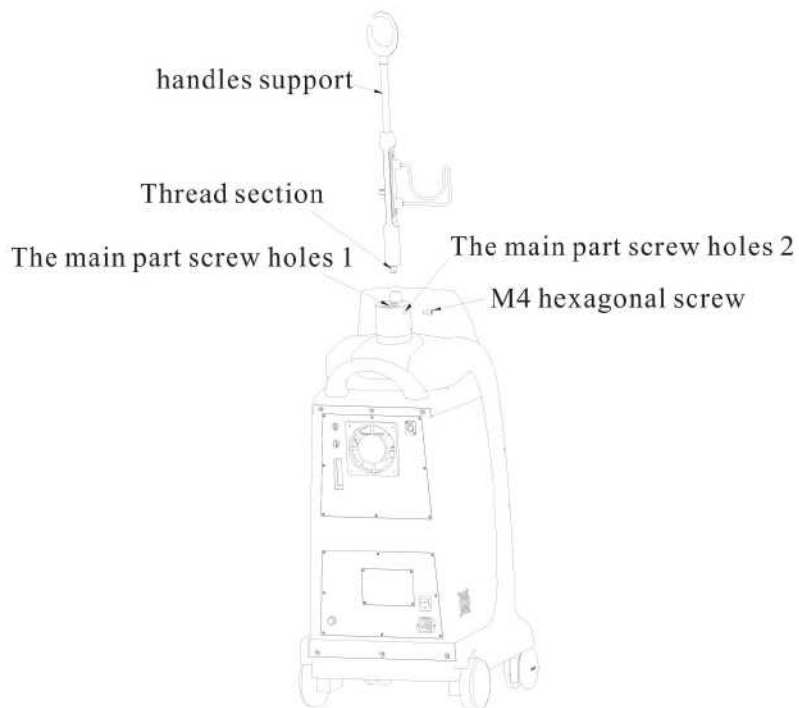
---

---

## Installation:

### Installation Steps

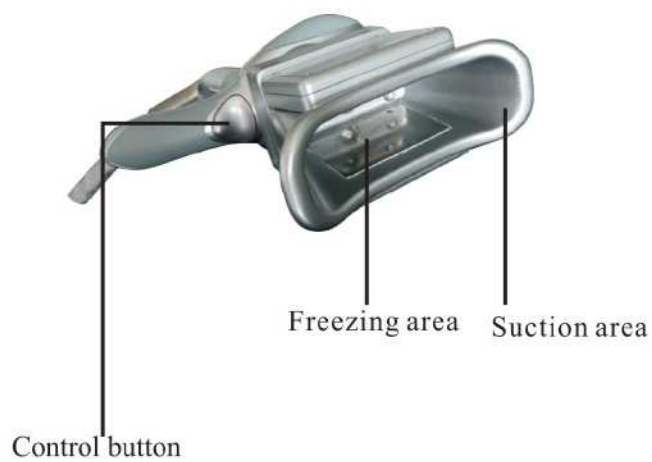
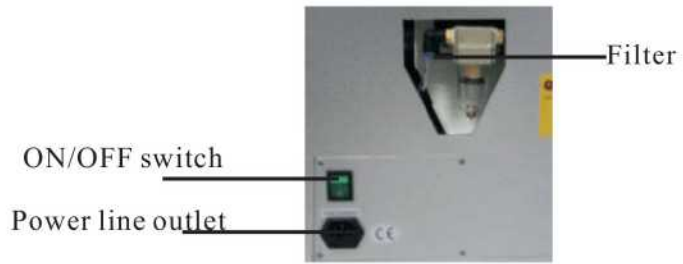
1. Aim the Thread section of the handles support at the main part screw holes 1, fasten with M4 hexagonal screw at the position of The main part screw holes 2
2. Place the handle as the picture shows, finish installation.



Before installation



Installation finished



The first press of the button-to start suction  
The second press of the button-to keep the setting suction constantly  
The third press of the button-to pause

## Control panel description



**Fig 1**

Input default pass word: "000000"



**Fig 2**

Click the machine on screen to enter(Fig 3)  
Click the "SET" to enter(Fig 7)



**Fig 3**



"Work mode"



"vacuum suction"

Click : "◀" "▶" to set work time



Heart rate displays:  
put your finger into the finger tester.



**Fig 4**

Work mode:

P1~5 — 60 minutes

P2~0 — 45 minutes

E~10 — 45 minutes





**Fig 5**

Click“◀”“▶” to set vacuum suction



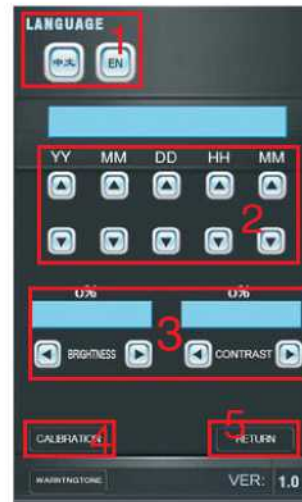
**Fig 6**

Click start key,the machine start working,click“◀”“▶”to adjust vacuum suction



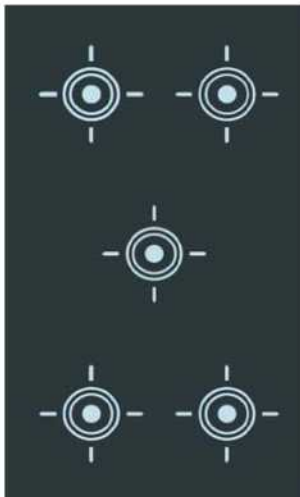
**Fig 7**

Operate: click “Basic setting”




**Fig 8**

“1”choose language  
 “2”setting date,time  
 “3”Adjust brightness of the screen  
 “4”Calibrating button  
 (for calibrating the screen, keys recovery)  
 “5”Back



**Fig 9**

Follow the hint on the screen,click “” of the cross.

---

---

## 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 eliminate cellulite of the entire waist, you need to complete several courses.
- 3.Take a another cooling procedure at the same position 2 to 3 months after the first course, which can reduce the extra fat layer thickness, twice treatment, can enhance the effect of cryolipolysis, but not recommended to accept treatment repeatedly at random.
- 4.The cryolipolysis 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 other local cellulite. Treatment is not omnipotent and can not cure obesity, it can not replace liposuction or other invasive therapies. A Substantial weight loss should be through a balanced diet and do regular exercise, cryolipolysis treatment can only be carried out for extra fat.
- 5.Proposed use of clinical parameters.[according to Clinical situation]
  - P1:5°C [default 60 minutes] is recommended for treatment part with less fat.
  - P2:0°C [default 45 minutes] is recommended for treatment parts with moderate fat.
  - E: 0 to -5 °C [default 45 minutes] proposed operated by professionals and for the part with much fat.

## Skin antifreeze

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

## Process

- 1.Test the heart rate of the people who is receiving the treatment, whether it is normal[50-100],
- 2.Check the thickness of the fat
- 3.Clean treatment area ,Clear the hair of the treatment area
- 4.Mark the size of treatment area
- 5.Use antifreeze on the treatment area
- 6.Paste antifreeze membrane at treatment part.
7. Patients receiving the treatment should be sitting Make upper body and lower limbs to 90 degrees.
- 8.Choose the program according to thickness of fat.[P1, P2, E]
- 9.Start the machine. [start button]
- 10.Make the cooling device to suck the treatment area gently, press the control button in the handle once, and set the vacuum suction intensity.
- 11.When the suction strength is suitable, press the control button in the handle again, to keep the constant suction. Adjust the suction appropriately to make it acceptable for the user.
- 12.Timing of treatment
- 13.25-30 minutes after treatment, press the control button in the handle, to stop the suction.And check and add antifreeze.
- 14.Repeat steps 10 to 11 until the treatment course finished[press the start button the again] and turn off the power.



## Caution

1. The equipment must be operated by professionals
2. Do not use without antifreeze
1. The equipment must be used by professionals
2. 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;
3. 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;
4. The following patients using this device should be taken care of.
  - infants and young children;
  - Sensory or physically impaired persons;

## Contraindications

Liver problems, the Raynaud's disease, severe cold urticaria, cryoglobulinemia, cold fiber hypoproteinemia, severe frostbite, severe diabetes and the elderly, young children, frail and so intolerant of cryotherapy.

## Safety and environmental considerations

To abandon or disassemble the equipment should under the guidance of the local law, sent to specialized agencies.

### Names and contents of Toxic and hazardous substances or elements

Part Name	Hazardous Substances						NOTE
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE	
Plastic parts	○	○	○	○			
Metal structures / decorations		○	○	○	○	○	
Circuit board Components		○	○	○	○	○	
Power Line		○	○	○	○	○	
Power cord		○	○	○	○	○	
Relay	○	○		○	○	○	
Buzzer		○	○	○	○	○	

- Remarks said that the content of hazardous substance in all materials in the parts below the standard of SJ/T11363-2006 limit requirement. indicates that the content of toxic or hazardous substance in at least one of the homogeneous materials for this part exceeding the SJ/T11363-2006 limit requirement. 1363-2006.

#### Technical note:

Hardware structure of the machine parts, injection molded parts, and the majority of electronic components, connectors meet the requirements of the EU and China RoHS directives,

Only a few parts as the global technology limitations that may affect product reliability , and not find a substitute for the toxic and hazardous substances, please be assured to use, use under normal conditions will not cause health effects on users.

- Products to be discarded after use, Please treat in accordance with electronic and information products recovery, re-use legal regulations.

## Maintenance

1. Medical equipment or appliances close to the device may be resulting in operational failure due to interference,
2. The machine is a precise apparatus, do not use it at place with high temperature, humidity, dusty, smokes, and vapor.
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 on your own.
4. The cooling fluid is pure water, keep it clean during transportation or long time no use. And should be canned 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.

## Parameters

1. Dimension: 44cm 48.5cm 98cm (153cm)
2. Voltage: 220V/50Hz or 110V/50Hz (according to the mark on the machine)
3. Screen: 10-inch wide color touch screen
4. Power consumption:  $\leq 500W$
5. Cooling device output temperature:  $5 \sim -5^{\circ}C$
6. Cooling device output pressure: 0-100Kpa
7. Cooling liquid: pure water
8. Default working time: 0-120min
9. Fuse size: F2AL250V
10. Ambient temperature:  $5^{\circ}C \sim +40^{\circ}C$
11. Relative Humidity:  $\leq 80\%$
12. Atmospheric pressure: 86KPa  $\sim$  106KPa

## Accessories list

- |                        |       |
|------------------------|-------|
| 1. Power supply line   | 1pc   |
| 2. Handle support      | 1set  |
| 3. User manual         | 1copy |
| 4. Cooling liquid tank | 1set  |
| 5. Cooling handle      | 1set  |
| 6. Emergency switch    | 1pc   |