

User Manual

HF-002



Foreword

Announcements:

- 1、 The size of suction is adjusted by customers, it will be right if feels absorp-
tive and does not cause any pain. The recommended cooling intensity
is 0° to -3° ,best effect is -2° ,and best treatment time is 20-30mins.
Not less than -8° C for first-time user. -8° C \sim -10° C is applicable to fat
thickness greater than 55mm,less than 55mm not applicable,otherwise
there may be a risk of frostbite.
- 2、 Please clean your treatment area,the skin surface must be dry,otherwise
it may cause frostbite.
- 3、 Spread the specially-made antifreeze membrane on the treat skin area.
(Must cover the treatment area).
- 4、 Place the handle on the skin covered with antifreeze membrane(be sure
to be place in the middle to prevent the deviation from causing the anti-
freeze membrane no function and freeze the skin),then gently press the
treatment head with your hand and start the work at the same time. Sw-
itch, then the customer slowly adjusts the adsorption pressure, and the
treatment head can be slowly released after the suction is absorbed.
- 5、 If you want to stop the treatment (to stop the work, hold the treatment
head by hand to prevent it from falling down and breaking).
- 6、 After treatment, the inside of the treatment head must be thoroughly
cleaned (cleaned with softer paper or towel).

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Introduction

1.1 Technology Introduction

Fat Freezing Slimming is derived from an innovative machine from the United States for fat reducing technique is called "Zeltiq", which uses a method called "Cryolipolysis" to lock, freeze and eventually kill the fat cells. It developed by researchers at Harvard University and the Massachusetts General Hospital, Zeltiq has proved to be a major victory in the fat loss battle since it was put into use a year ago. Now, the technology is coming to UK.

Some experts refer to this non-invasive fat reducing as a revolutionary new concept of fat loss Dr. David Guldberg, A dermatologist in New York, Participated in the clinical trial for Zeltiq, said: "We have been using heat the dissol fat cells for years, but now, it seems that the oppsite way seems to be more effective than other non-invasives. The test results showed that one time treatment of Zeltiq can destory up to 25% of the fat in the treated area.

The most popular new way to lose fat in the UK is to "freeze" the stubborn proud flesh until it is "frozen". The innovative machine used for fat reducing in the United States is called "Zeltiq", also known as "cryolipolysis." Its cooling methods is to locks, freezes and eventually kill fat cells. The effect can't be immediately seen after Zeltiq. It will take two to three months for dead fat cells to pass through the urine. At that time, amazing treatment effect will be showed.

1.2 Treatment Theory

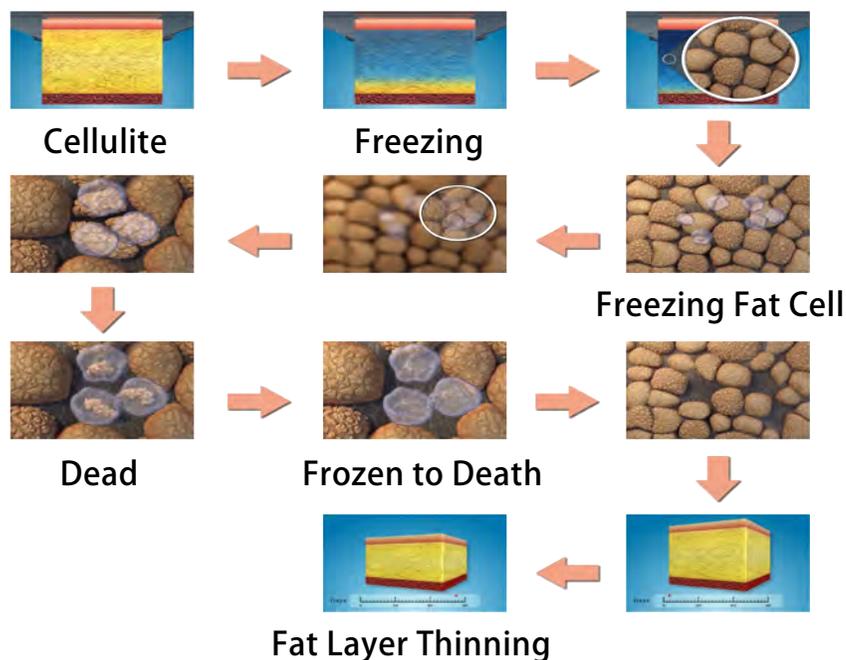
Cryolipolysis is converted triglyceride inside the human fat into a solid undern the low temperature of 5°C, The cryo-energy precisely controlled by the non-invasive cryo absorption device is delivered to the designated lipolysis site, and the fat cells in the designated site are specifically eliminated, and when they are subjected to cold to a specific low temperature, the liquid triglyceride will converted into solid, then, the fat cells death after aging, and the dead fat cells will excreted by metabolism, and the body fat will gradually decreases, thereby achieving the body-shaping effect of partial fat-dissolving.

For those who are full of "stubborn" fat, Cryolipolysis regard as godsend undoubtedly. whether it is a part that the fat is denser or smaller area. Such as your

muscle(relaxed proud flesh on both side of waist)/belly and back fat,the treatment result will stunned patients.The effect can't be immediately seen after Zeltiq.It will take two to three months for dead fat cells to pass through the urine. At that time,amazing treatment effect will be showed.

1.3 The principle of fixed-point cryolipolysis technique

The action of the ice pole is transmitted to the part to be fat-reduced, and the fat cells are crystallized at a temperature above the water freezing point, and the triglyceride in the fat is converted into a solid at 4 ° C, thereby effectively destroying the fat cells (cells withered) Dead). Because the fat cells converted into solids will prematurely age, and then through the normal metabolic process, gently eliminated and excreted, so that the fat layer thinning and reduce fat, to achieve reduct of stubborn fat effect without loss of peripheral nerves, blood vessels and skin surface tissue . it stimulates and coordinate with the start and the end of movement of the muscle at the same time ,to induce muscle fiber tension and tension, so that the skin back to firm and elastic.



1.4 Remaining problems of fixed-point cryolipolysis technique

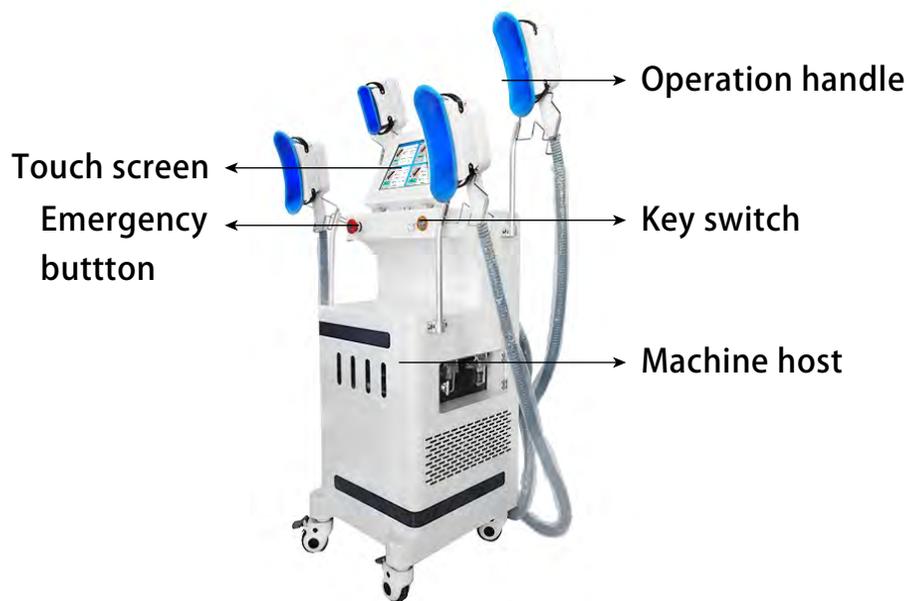
- 1、 Eliminate Thick Fat;
- 2、 Soften the deepen hard,thick fat and cellulitis;
- 3、 Reduce the intractable of fat cells;
- 4、 Tightening

- 5、 Trigger the muscle fiber tension,to strengthen the muscle;
- 6、 Improve skin relaxation;

1.5 Forbidden

- 1、 Pregnant;
- 2、 inevitably strong sunshine in daily work;
- 3、 people with poor liver;
- 4、 people who are allergic to cold(eg,easy to freeze hands in ,winter,frozen face,etc);
- 5、 Active herpes or damaged skin;
- 6、 Have a history of keloids;
- 7、 Severe diabetes,hypertension,epilepsy patients;

1.6 Product structure and performance



1.6.1 Parameters

performance	parameter
Power Supply	220V
Power	1500VA
Heating temperature	20°C~42°C
Cooling temperature	-10°C~10°C
Vacuum	10-83Kpa
Cold light	570nm 50mw

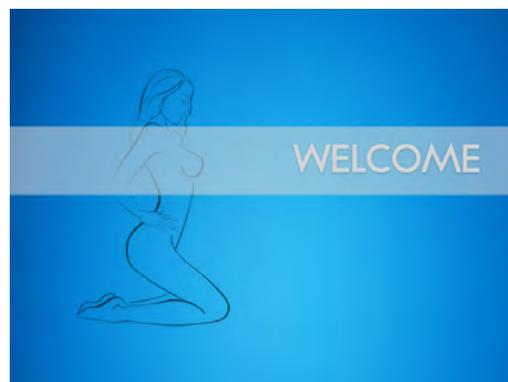
Cooling liquid	Pure water
Dimension	410mm*397mm*1000mm
Environment temperature condition during working	5°C~40°C
Operation interface	10.4" touch screen

1.6.2 Mainly accessories

Machine host	1 set
Power line	1pc
Measuring fat caliper	1pc
Support frame for handle	4sets
User manual	1pc
Input water funnel	1set
Measuring cup	1pc
Cross screwdriver	1pc
Exhaust knob	1pc
Operation handle	4pcs
Key	2pcs

software operate instruction

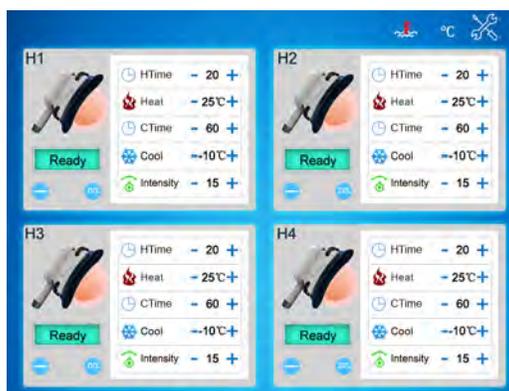
2.1 Interface display



2.2 Interface introduction

Please use one handle every time, two handle or four handle at the same time according to your demand of the treatment area.

Each button description as follows:



No.	Icon	Function	Remarks
1	HTime	Heating time	0-20min
2	Heat	Heating temperature	20°C~30°C
3	CTime	Cooling time	0~60min
4	Cool	Cooling temperature	-10°C~10°C
5	Intensity	Intensity adjust	0~15
6		Start function	Working or stop
7		Full pulse mode	Full pulse
8		Pulse mode	Pulse
9		Water temperature alarm	Indicating water level
10		Water temperature	Indicating water temperature
11		Water flow	Indicating water flow
12		Setting	Enter the background

1、Heating time HTime setting :

Function:To adjust heating time of handle temperature,adjust range from 0-20 minute

Method: click “+” /” -” on the screen, 1 minute for each click

2、Heating temperature Heat setting:

Function:To adjust heating temperature of the handle,adjust range from 20°C to 30°C

Method: click “+” /” -” on the screen,1°C for each click.

3、Cooling time 🕒 CTime setting:

Function: To adjust cooling time of handle temperature, adjust range from 0-60 minute

Method:click "+" /" -" on the screen, 1 minute for each click

4、Cooling temperature ❄️ Cool setting:

Function: To adjust cooling temperature of the handle,adjust range from 10°C to -10°C

Method: Click "+" /" -" on the screen,1°C for each click.

5、Adjust intensity 🌱 Intensity setting:

Function: To adjust suction, range from 0-15

Method: Click "+" /" -" on the screen,1 for each click.

6、Start function 🟢 Ready setting:

Function:Start button for the handle

Method:Click the image, bright is to start, not bright is to stop

7、Full pulse mode 🟡 setting:

Function:Working under full pulse mode for the handle

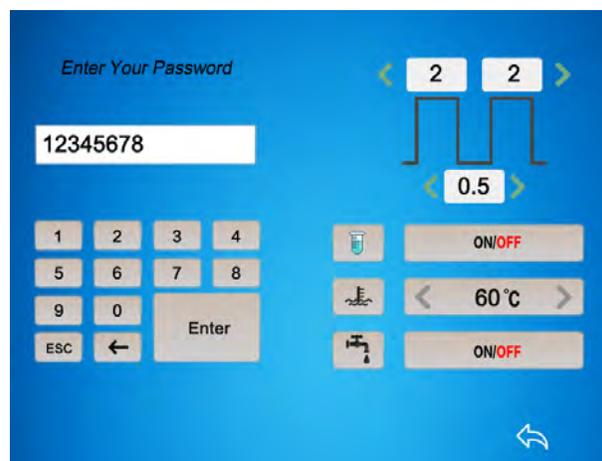
Method:Click the image is to start.

8、Pulse mode 🔵 setting:

Function:Working under pulse mode for the handle

Method:Click the image is to start.

2.3 Setting interface introduction



Click setting 🛠️ button, input 12345678 to enter the backstage system

No.	Icon	Function	Remarks
1		Water level alarm switch	ON/OFF
2		Water temperature alarm temperature setting	Initial temperature is 60°C
3		Water flow alarm switch	ON/OFF
4		Pulse adjustment	Pulse time adjustment

2.4 Interface introduction of the handle function



- 1、 The handle interface is synchronized with the host screen interface operation. The yellow area is the instrument start switch position , and the corresponding handle can be activated by clicking anywhere in the area.
- 2、 The icon “ ◀ ▶ ” button is used to adjust the figure and synchronize with the figure adjustment of the host screen.
- 3、 The icon “ H -6 °C -6 °C ” is the value indicating the real-time on both sides of the handpiece, which is synchronized with the value of the host screen.
- 4、 The handle dimensions

Name	Dimensions	Treatment area
Big handle	L210*W60*D55mm	Abdomen/inside of the leg
Middle handle	L160*W60*D55mm	Abdomen/inside of the leg/buttock
Small handle	L125*W45*D55mm	Abdomen/inside of the leg/ buttock/inside of the arm

Chapter 3 Application

3.1 Treatment process

- 1、 Clean the skin firstly and the skin surface must be dry, otherwise it may cause frostbite.
- 2、 Place the anti-freeze membrane onto the skin(Must be flattened)
- 3、 Place the treatment head on the skin with anti-freeze membrane (Be sure it is in the middle to prevent the deflection from causing the insufficient of anti-freeze membrane and frostbite the skin), then turn on the switch to adjust the instrument or adsorption knob on the handle, until the vacuum is suitable for the customer' s vacuum.
- 4、 If you want to stop the treatment, click the work button and hold the treatment handle with hand, to prevent the handle from falling down and break
- 5、 The heating mode and the cooling mode can be used respectively, the heating mode can be used to remove moisture, aching pain and massage..etc..
- 6、 The inside of the treatment head must be thoroughly cleaned after treatment (Cleaned with a softer tissue)
- 7、 Please clean the liquid in the filter on time to prevent the liquid from being sucked into the suction pump and circulating the suction pump.(Cleaning method is as below)



A



B

Cleaning method:

- 1、 Please turn the filter down in picture A.
- 2、 Picture B is the filter cup, please clean the filter with water
- 3、 Install the filter after cleaning

3.2 Treatment precautions

- 1、 Please put the handle close to the skin during the treatment, otherwise the fat can not be sucked into the handle.
- 2、 It is forbidden to take a hot bath within 24hours after treatment(Cold water is allowed)
- 3、 It is forbidden to have water for a long time within 24hours after treatment
- 4、 Please put the treatment head in the middle of anti-freeze membrane during treatment to prevent the deflection from causing insufficient of antifreeze membrane and frostbite the skin.
- 5、 The client can shake the treatment area properly during the treatment.
- 6、 Remove the treatment head after treatment, if there is ice formation, please take a towel and ice bag, wrap the ice bag with a towel, place it on the ice for 15-20 minutes until the ice melted completely(To prevent blistering).
- 7、 After half an hour of icing, massage the frozen area, the interval between the first 10 minutes of the massage is 10 minutes, the massage time and interval can be selected according to the situation and time.

3.3 Treatment cycle

A course of three treatments is generally needed, each interval is one month.

Maintenance

4.1 FAQ (Frequently asked questions)

4.1.1 The solution of whole machine with no electricity:

- 1、 Check the emergency stop button, if it bounced, it is open, and press down is closed.
- 2、 Check if the main switch is open, O bulges is open.
- 3、 Check the fuse at the input power if is broken.
- 4、 Check if the power line is broken or short circuit.
- 5、 Check the power socket, if there is power output.

4.1.2 The machine crashed, screen freezing or the screen can not be touched

Solution:

- 1、 High-voltage interference, check if there is high-power electrical appliances nearby.
- 2、 Software out of control, replace the controller
- 3、 The display is too tight, loosen the four screws of the fixed screen or remove the screen.

4.1.3 Very small suction

Solution:

- 1、 Check the handle whether it is very close to skin.
- 2、 Check if the suction pump is working properly.
- 3、 Check if there is any leakage in the trachea.

4.2 Daily maintenance and Care instruction

4.2.1 Maintenance

- 1、 The machine must not be exposure under the sun(To prevent the paint from bursting)
- 2、 Clean the treatment head after using, then cover the it with best cloth.
- 3、 If you don't use the machine for a long time, cover the whole machine to prevent the dust from entering.(Very important).
- 4、 The treatment head of the machine must be handled with care.
(Very important).

4.2.2 Care instruction

- 1、 The water in the machine should be replaced 2-3 months
(Purified or distilled water).
- 2、 Place the machine in a ventilation and dust-free room(Very important).
- 3、 Any non-professional is prohibited to use of machine except operator.