

# Smart & Upgraded Version 7D HIFU+liposonix



Instrument overview

01

7D HIFU introduction

02

liposonix introduction

03

Attention

04

Answers to customer questions

05

Maintenance of the instrument

06

CONTENTS

**content**

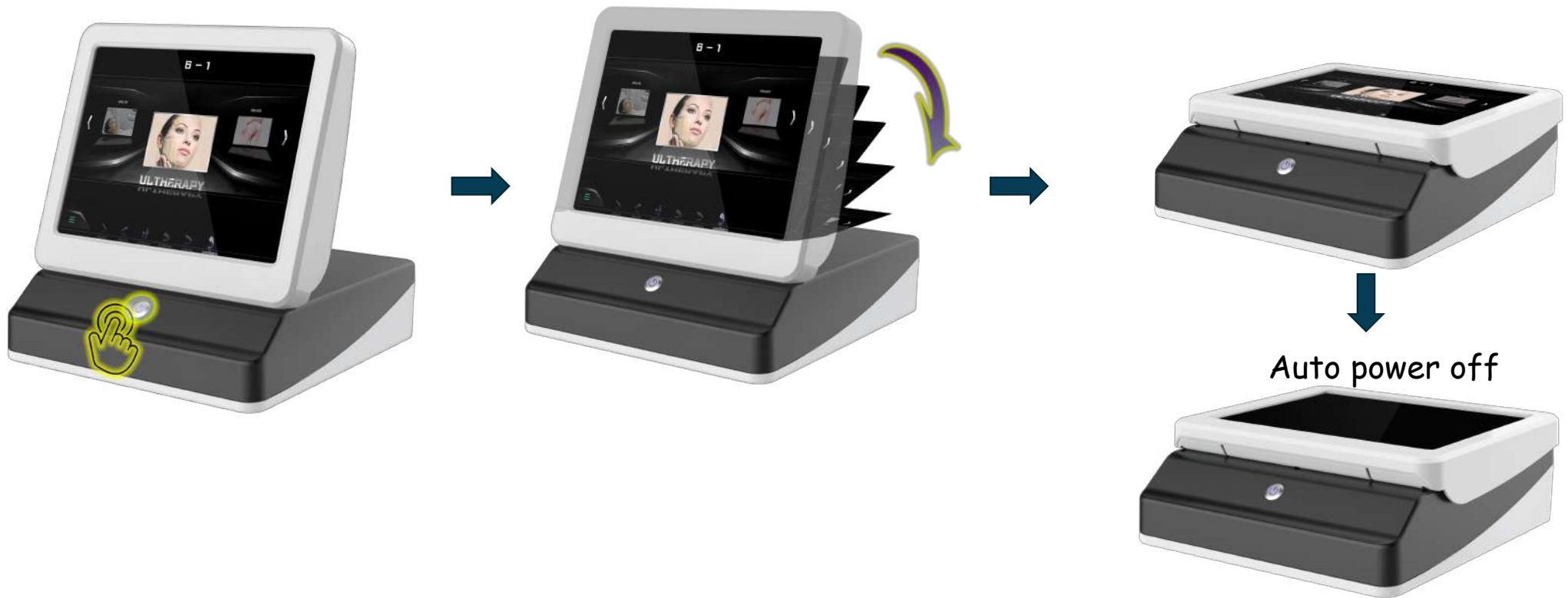
# Upgraded automatic opening and closing

one-button



# Upgraded one-key closing

One key to close



PART

01

# Instrument overview

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[Click here to add your title](#)

# Equipment Working Screen Introduce



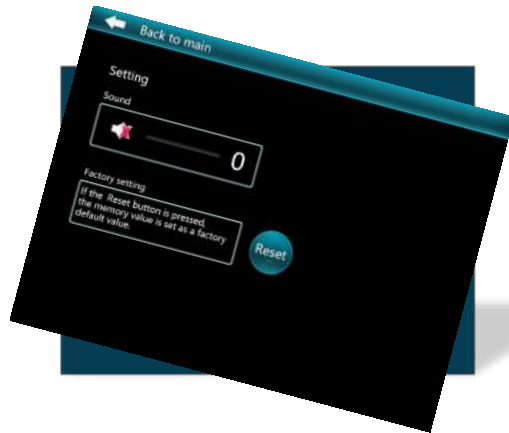
## Operation head parameter interface

parameter settings



## 7D function operation interface

You can set parameters such as energy size, number of points, spacing, etc. After the setting is completed, click the start button to start working



## Parameter setting interface

Volume Factory settings, etc.



## Background parameter setting interface

Background parameter setting, the setting is completed before leaving the factory.

# Instrument introduction

## PROJECT

## DESCRIPTION

What is 7D Focused Ultrasound?

The effect of 7d HIFU is to lift and firm the skin, improve the facial contour, eliminate wrinkles, whiten, and shape the body. The principle is to use the machine probe to emit high-energy focused ultrasound, instantly penetrate the skin, act on the epidermis, dermis, fat layer, fascia layer, stimulate the skin collagen contraction and regeneration, so as to achieve the effect of layering and anti-aging.

7d HIFU is a non-invasive anti-aging medical beauty project. It adopts the latest technology of MIFU and integrates the micro high-energy focusing system and macro high-energy focusing system. Delivered to different levels of the skin, not only the anti-aging effect is better, but also the comfort of beauty seekers is higher.

7d HIFU uses the principle of focused ultrasound to instantly apply high-energy ultrasound to different layers of the skin, such as the epidermis, dermis, fat layer and fascia layer, to stimulate the regeneration of collagen fibers, improve the support of the skin, and lift and firm. Loose skin; at the same time, it also promotes the dissolution of some fat, so as to achieve the effect of body shaping.



## Special statement:

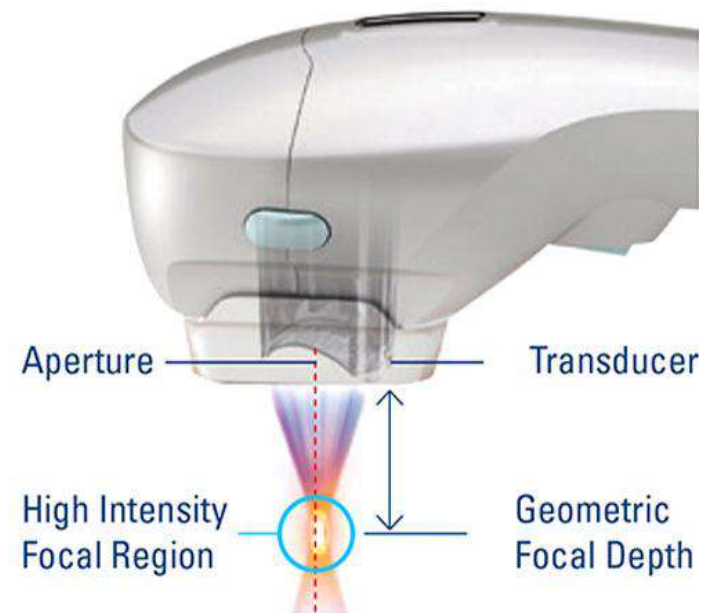
1. The contents of this manual or the specifications of this product are subject to change without prior notice.
2. The company reserves the right to make changes to the specifications and materials contained therein without prior notice, and for damages (including consequential damages) caused by reliance on the cited materials, including but not limited to printed error, the company is not responsible

## Machine introduction

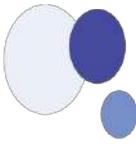
What is 7D Focused Ultrasound ?

7D HIFU use the micro high-energy focused ultrasound system, which has a smaller focus point than other 3D 4D HIFU equipment, and more accurately transmits the high-energy focused ultrasound energy at  $65\sim 75^{\circ}\text{C}$  to the target skin tissue layer, resulting in a thermal coagulation effect without harming the surroundings organization.

While stimulating the proliferation of collagen and elastic fibers, it greatly enhances the comfort, giving you a perfect V face, making the skin plump, firm, and elastic.



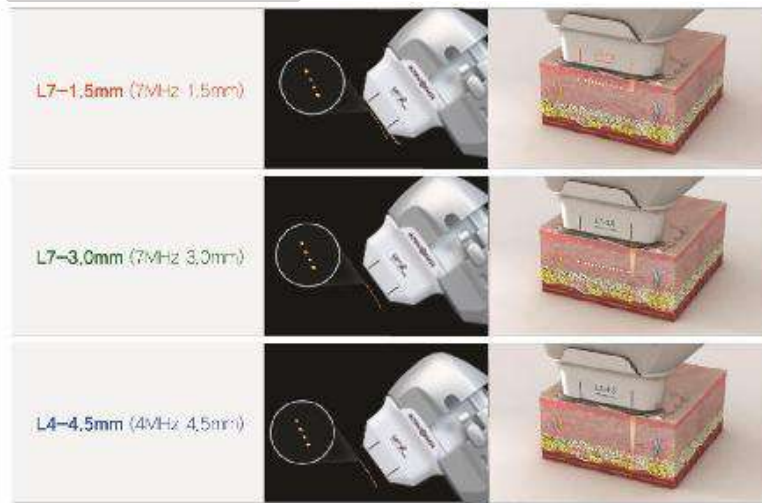




# What is 7D Focused Ultrasound?

MMFU(Macro & Micro Focused Ultrasound) : "Macro & Micro High Intensity Focused Ultrasound System" Non-Surgical Treatment Of Face Lifting, Body Firming And Body Contouring System!

## Face Treatment

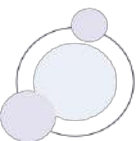


-Highly focused points for precise facial treatment

## Body Treatment



- With the same focus energy, a larger focus point can effectively reduce the treatment time for body parts



# What is 7D Focused Ultrasound ?

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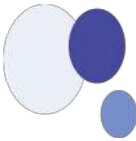
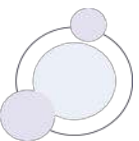
L7-1.5mm (7MHz 1.5mm)

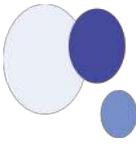


L7-3.0mm (7MHz 3.0mm)



L4-4.5mm (4MHz 4.5mm)





# What is 7D Focused Ultrasound?

MMFU(Macro & Micro Focused Ultrasound) : "Macro & Micro High Intensity Focused Ultrasound System"  
Non-Surgical Treatment Of Face Lifting, Body Firming And Body Contouring System!

## Eyes Treatment

MF2 Newest Eyes Cartridge 5.5Mhz 2.0mm



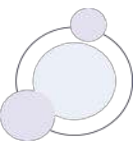
Face Cartridges

Eyes Cartridges



5.5Mhz 2.0mm Eyes Cartridges. The world's first research and development application

★ Unique ultra-thin probe Clexis patented technology ★



# What is 7D Focused Ultrasound?

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6mm Body Cartridge

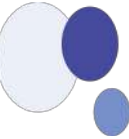
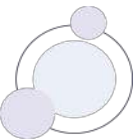
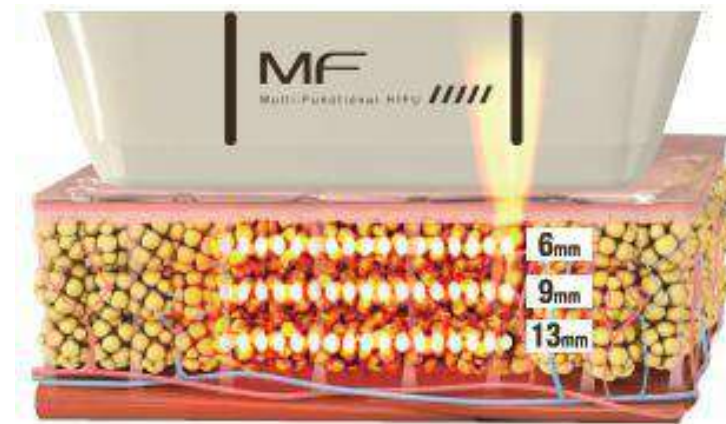


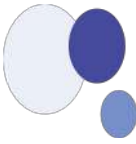
9mm Body Cartridge



13mm Body Cartridge

Body Cartridge



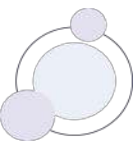
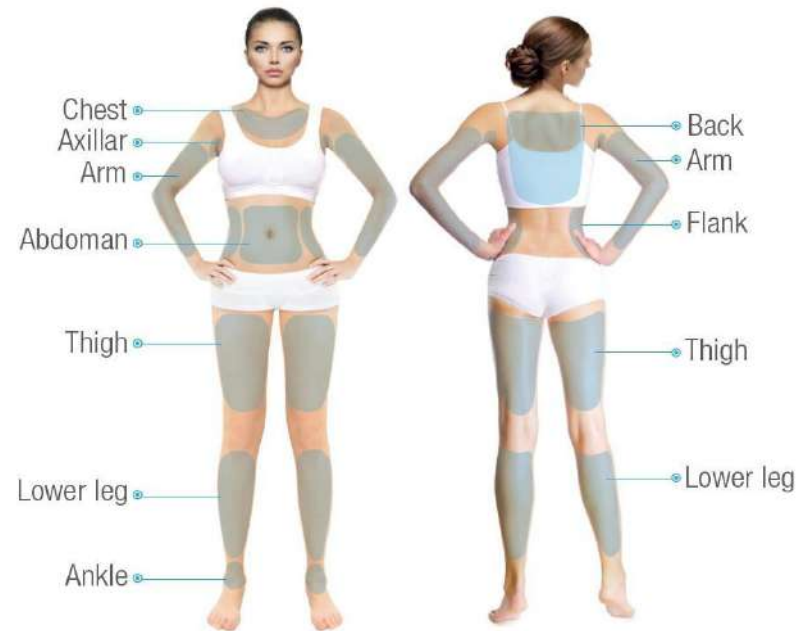


# Clinical Application

## Face Treatment



## Body Treatment



# 1.1 Instrument introduction

## PROJECT DESCRIPTION



The main function

Anti-wrinkle, anti-aging, lifting, firming.

Applicable parts

1. Facial anti-aging and anti-wrinkle: deep wrinkles, wrinkles, forehead lines, nasolabial fold enhancement, lip wrinkles, brow wrinkles Wait;
2. Neck anti-wrinkle: firm neck skin, improve double chin, thin face;
3. Anti-wrinkle around the eyes: wrinkles around the eyes, crow's feet at the corners of the eyes, bags under the eyes, tightening the loose skin around the eyes;
4. Whole body anti-aging: Tighten the back and shape, adjust the chest shape, shape the waist and abdomen, shape the buttocks, shape the legs, remove the butterfly sleeves, and repair the light.



# Installation of the Handle

Involving instrument parts:

host, handle \*2

installation steps:

1. Put the handle properly into the handle bracket first, and do not force the handle part directly into the buckle position when placing it, otherwise it may cause stress fracture;
2. 2. Make sure the handle is placed properly;
3. 3. Find the handle interface on the back side of the host;
4. 4. Align the white arrow on the handle interface with the interface, and gently connect the wire to the interface;
5. Precautions: When placing the handle, first insert the connecting wire into the buckle first, and then insert the handle down, do not directly press the handle into the buckle position; Pay attention to the direction of the interface when connecting the handle, do not use brute force when the plug is not smooth, please check whether the direction is correct;



# 1.3 Instrument introduction

## PROJECT DESCRIPTION

### Mounting Accessories:

Involved instrument parts: accessory rack\*3, screw big 7,

installation steps:

1. Find the 2 screw holes on the left side of the host;
2. Align the accessory frame with the holes and tighten the screws (2 on each side);
3. Completely install the accessories rack on the right;

Precautions:

If you do not disassemble the display screen when moving the instrument, please check whether the screws are tightened before and after moving to prevent the display screen from falling to the ground due to loosening of the screws.





## 1.5 Installation of the instrument



### Install the probe

1. Take out the probe and lift off the protective film to ensure that the probe interface is dry and free of foreign matter;
2. Align the probe interface with the handle, and the protrusion on the probe corresponds to the groove of the handle;
3. Gently insert the probe horizontally into the handle, and the installation is completed when you hear a "click";
4. When replacing or taking out the probe, press the safety lock on the side of the handle and gently pull out the probe horizontally;

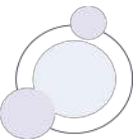
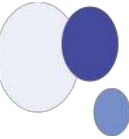


## 1.5 Installation of the instrument

involving instrument components:  
Host, power cord,

installation steps:

1. Plug the power cord into the host;
2. 2. Insert the power cord into the plug or plug-in board with grounding function;
3. 3. Turn on the main power switch of the host;
4. 4. Just turn on the host;



## 1.6 Operation of the instrument

Materials to be prepared before operation: line drawing pen, fat measuring ruler and line drawing ruler

Ultrasonic gel, gel bowl and spatula

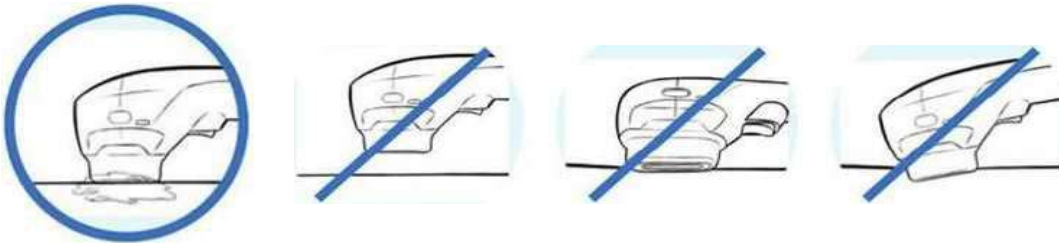
Cleansing basin, water, cleansing towel, cotton pad, cotton swab, paper towel, Disinfection Alcohol

Disposable pads and headgear

- Disposable surgical gloves and masks



### Operation Precautions



The probe must be flat!

/X Do not output energy without full and proper contact between the probe and the skin surface. gDo not output energy without ultrasound gel applied to the treatment area.

## 1.6 Operation of the instrument

# Face-to-face analysis

Find a few photos of the frontal face or select a few models on the spot, and conduct an interactive analysis with the students.



Relaxed state



Depressed state



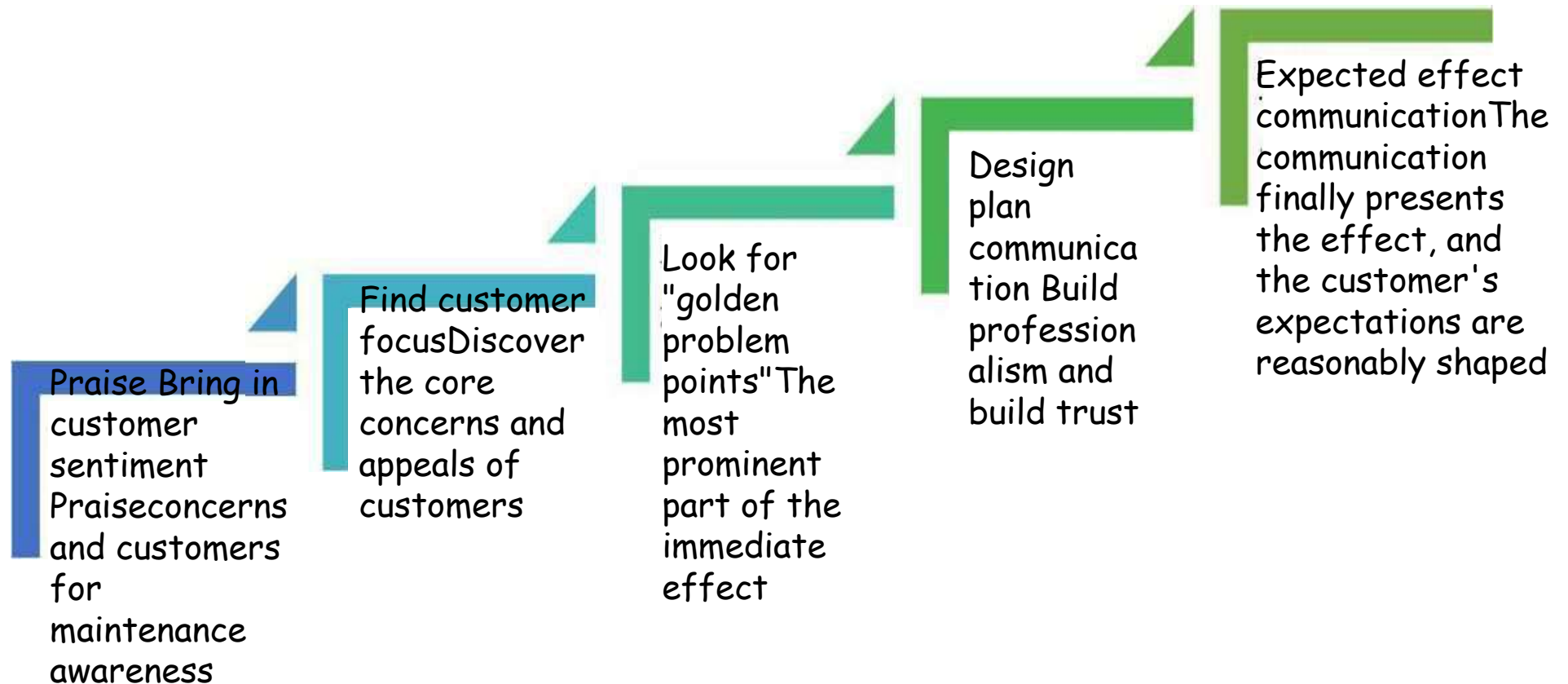
Fullness



Youthful

## 1.6 Operation of the instrument

### Five Steps of Facial Clinic Analysis





## Professional work interface function introduction

1. Current used hair count Remain remaining hair count.
2. Installed probe information
3. Display of installed probe depth, wavelength and spacing (display only)
4. Set the distance between the thermal condensation points.
5. Set the energy length (5mm)
6. M1M2 save parameters. (Press and hold for 3 seconds to save.)
7. Energy adjustment.
8. Repeat is continuous firing mode, Single is single firing mode
9. Settings.
10. Sending information
11. System status "standby" "start"
12. Set the limit of the number of shots, and beep prompts
13. The total number of used hairs is 25mm, and the minimum adjustment interval is 5mm.

## 1.7 Main interface





## Operation of the instrument

There are two main tasks in the operation process:

### 1. Show the best results with your heart

- Operate carefully and meticulously, refuse to be modeled
- Focus on customer needs and feelings
- Under the premise of ensuring safety, the pursuit of maximum effect

### 2. Win customer recognition with professionalism

- Let customers feel the professionalism of the instrument
- Let customers feel the professionalism and attentiveness of the operator
- Gain customer recognition and trust



## Operation of the instrument

There are two sub-line tasks in the operation process:

### 1. Customer Expectation Management

- Explain the mechanism of collagen regeneration
- A vision that paints a long-term effect
- Give customers positive incentives

Second, customer concept guidance

- Guide customers to the concept of long-term maintenance
- Guidance on adding and raising orders for other parts of the same item
- Foreshadowing of maintenance beauty, home beauty and health projects





## Practical skills: drawing lines

### Why draw lines?

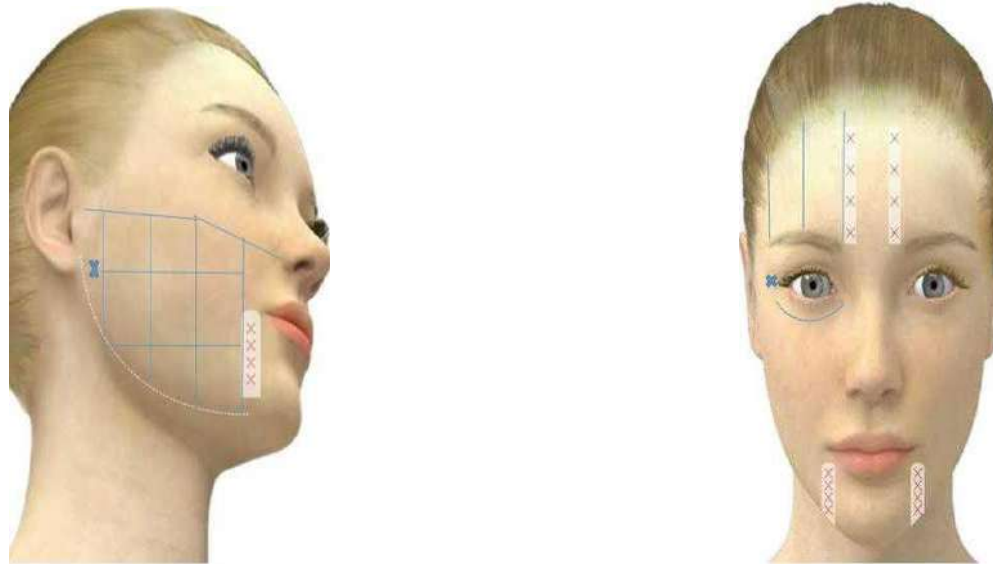
1. Marking the taboo area: the nerve area, the bone edge, the orbit, and the navel, buttocks, breast tissue, thyroid and other parts are strictly prohibited; the line drawing of the taboo parts should be drawn in the operating posture to prevent displacement;
2. Mark the areas that need to be improved: such as toot meat, eye bags, nasolabial folds, etc., need to draw lines when standing or sitting;
3. Prevent superimposition, repeated operation or omission during operation;
4. Increase the sense of ritual and professionalism of the operation.

## Practical skills: drawing lines



face line drawing:

1. Mark taboo areas: one finger beside the mouth, one finger beside the ear, sunken temples, the corners of the eyes, and one finger up on both sides of the brow;
2. Find the position of the jaw line and draw a line along the edge of the jaw line;
3. Find the highest point of the apple muscle, connect the nose wing to the apple muscle, and then connect the apple muscle to the middle of the ear;
4. Avoid 1.2cm from the corner of the mouth, and connect the vertical line
5. Use the probe to operate the spacing, translate the spacing point, and connect;
6. When drawing the eye line, use your finger to touch out the position of the eye socket, and draw the line along the eye socket, and do not operate the inside of the eye socket. The corner of the eye is in the position of "X", do not operate;
7. The forehead starts from the taboo area of the brow, and then translates outwards to draw lines.

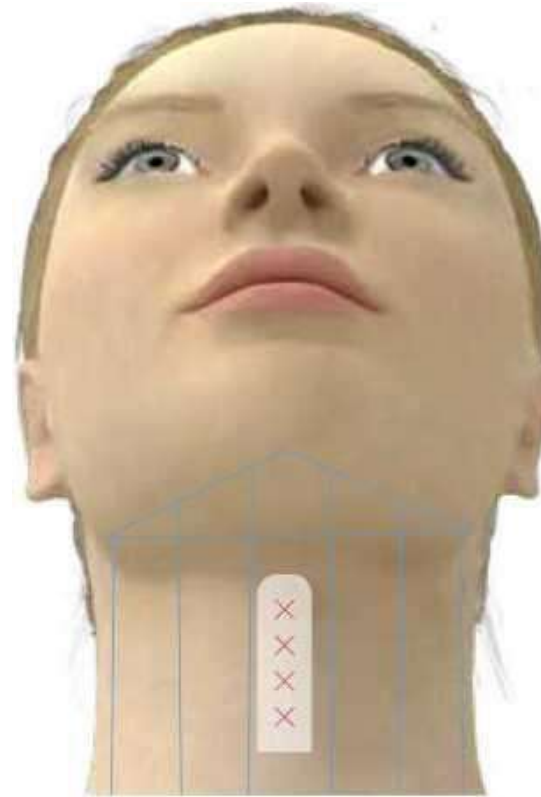




## Practical skills: drawing lines

Neck line drawing:

1. The mandible line is connected along the mandible, and then find the mandible near the throat and connect the line, as shown in the figure, the triangle area is connected vertically.
2. The neck first finds the position of the throat, marks the taboo area, and then translates the lines in turn, the opposite side is the same .



## Forehead and periorbital area

### Face and neck care overview

100 shots

XXI、巴

6mm 100 shots 4.5mm 100 shots

85头

1.5mm

100 shots

100 shots

200 shots

lowerFace (Unckr the Nose) 4.5mm 100 shots

Neck -

3mm

100 shots

100 shots

total **1,000 shots**



Do not care directly on the 8E or the nerve area.  
 Since it is difficult for the probe to be firmly and completely applied to the eye area and forehead, please adjust the point spacing between 10mm and 15mm after care.  
 In the care periorbital area pair, have the patient close their eyes.  
 When nursing close to the eyebrow line, pull the front end of the probe firmly in the direction of insertion and output energy to reduce pain.  
 For the plus 1 care process, follow the design protocol in the above guidelines.

探头 能量 点间距

• 1.5mm 0.1-0.2J 1.0-1.5mm

眼周  
2mm  
- 嘴周  
2mm

Practical skills:  
drawing lines

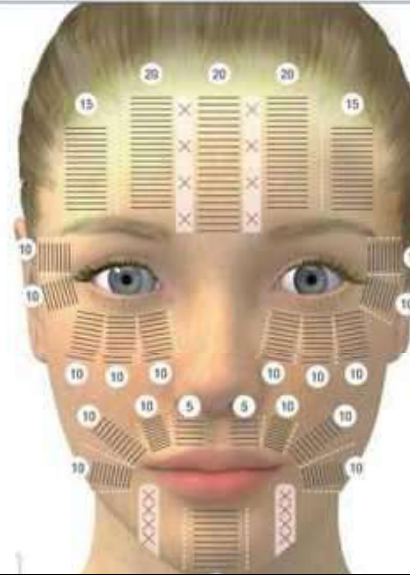




## Body Care Precautions

### Light lines and deep wrinkles

• 2.0 (mm)

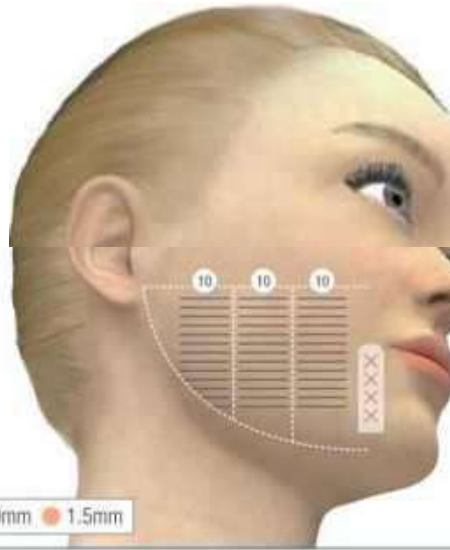


area	probe	energy	point spacing	shoots
forehead				90
around the eyes	• 2.0mm	0.1-0.2J	1.4-1.5mm 1	100
Hidden part map				80

- Do not directly perform neurogenic regions on the IC
- Because it is difficult for the probe tip to fit firmly and completely with the periocular area and the anterior inlay, adjust it between 10mm and 15mm after care.
  - While caring for the periorbital area, have the patient close their eyes -
  - For the nursing process, follow the design protocol in the above guide.

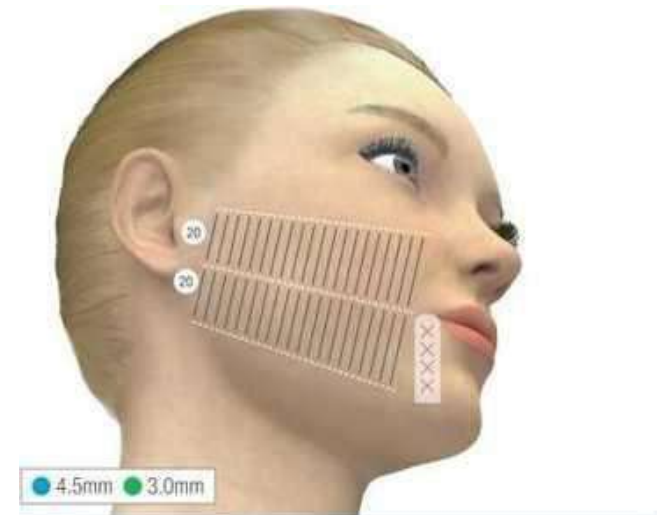


## Body Care Precautions



cheek

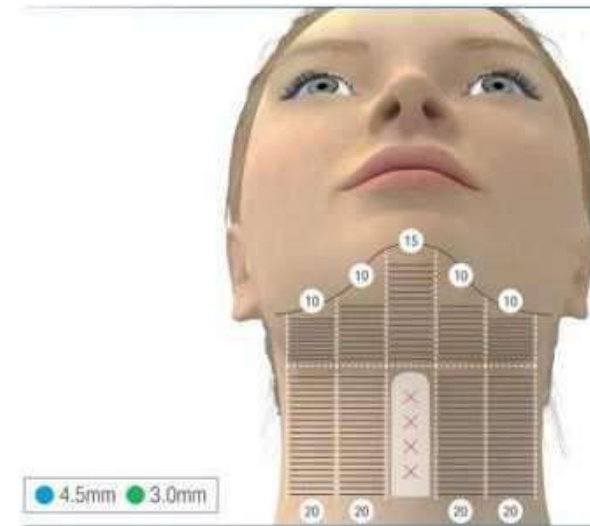
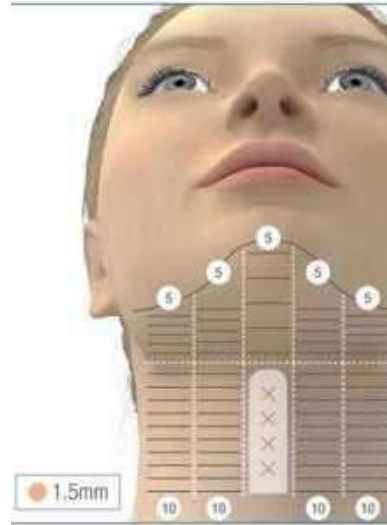
probe	energy	point spacing	overlay	shoots
• 4.5mm	0.6-0.9J	1.0   .5mm	2	70/70
• 3.0mm	0.3-0.6J		2	70/70
< 1.5mm	0.1-0.2J	1.0-1.5mm	1	30/30





## Body Care Precautions

### ○ jaw and neck



- When multi-level nursing, nursing should be performed in order from deep to shallow.
- Ex: 4.5mm ▶ 3.0mm ▶ 1.5mm

不要直接对下颌边缘红色区域进行护理。

不要在颈部施加过大的压力，以防止护理过程中出现不适。

probe	energy	point spacing	overlay	shoots
• 4.5mm	0.5-0.8J	1.0-1.5mm	1	135
• 3.0mm	0.3-0.5J	1.0-1.5mm	1	135
• 1.5mm	0.1-0.2J	1.0-1.5mm	1	65



## Body Care Precautions

MF2 Apply to forehead, eye bags, eye wrinkles



MF2 应用\_眼  
袋







## Body Care Precautions

### MF2 Application - Eyebrow Lift



Cartridge- Energy Pitch Total Passes

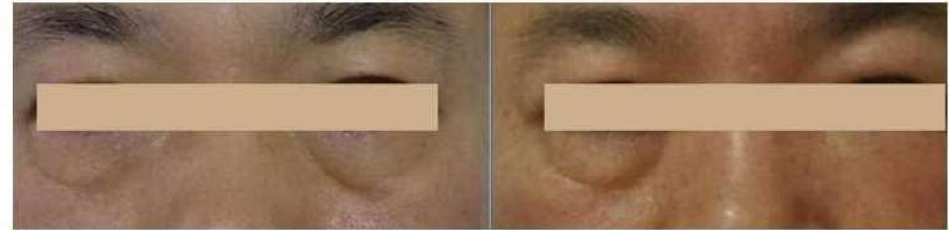
• 2mm 0.1-0.2J 1.0-1.5mm 80

2

# Body Care Precautions



## MF2 应用\_眼 袋



Cartridge	Energy	Pitch	Total	Passes
● 2mm	0.1-0.2J	1.0-1.5mm	80	2

## MF2 Apply to nasolabial folds



Cartridge	Energy	Pitch	Total	Passes
● 2mm	0.1-0.2J	1.0-1.5mm	80	2

0.2-  
0.3      10  
0



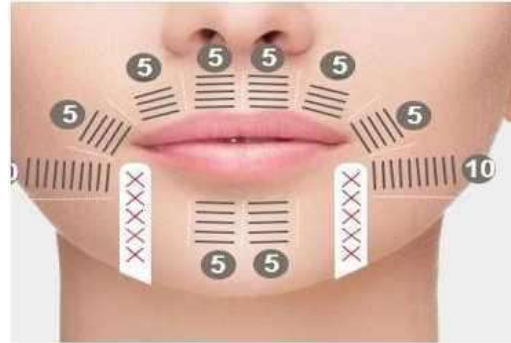


## Body Care Precautions

MF2 Apply around the mouth

Cartridge. Energy Pitch Total Passes

- 2mm 0.1-0.2J 1.0-1.5mm 80 2



颈



Cartridge Pitch	Energy Total	Pitch Total	Total Passes	Cartridge	Energy
•3mm	0405J	L0-L5m (n)	120	2 >2mm	0.1-0.2J
	1.0-1.5mm	120			





## Body Care Precautions

MF6 Apply to double chin



Baseline

Immediately Post Procedure

6 Months Post Procedure



## Body Care Precautions

- > Do not operate on bony and nerve areas;  
A Do not directly touch the navel, posterior superior spine (PSIS), pelvis, ulna or Exercise the sciatic nerve;  
When Mhu takes care of body parts, ask He for the treatment, and then another W operation;
- > Avoid operating on specific parts that may cause tingling in the patient;  
After a few scoops, pay attention to check the skin reaction and the sensitivity level of the patient.  
Continue treatment or reduce parameters according to the patient's tolerance level;
- > Ensure that the number of hairs is always evenly distributed over the marked treatment area;
- > The patient must choose the appropriate one according to the measurement results of the fat caliper at the site to be operated.  
for the probe:  
MF6: 12mm  
M F 9: 18 mm  
M F 13: 26 mm

Neural areas to avoid:

Umbilical, posterior superior spine (PSIS), pelvic nerve,  
ulnar nerve, sciatic nerve



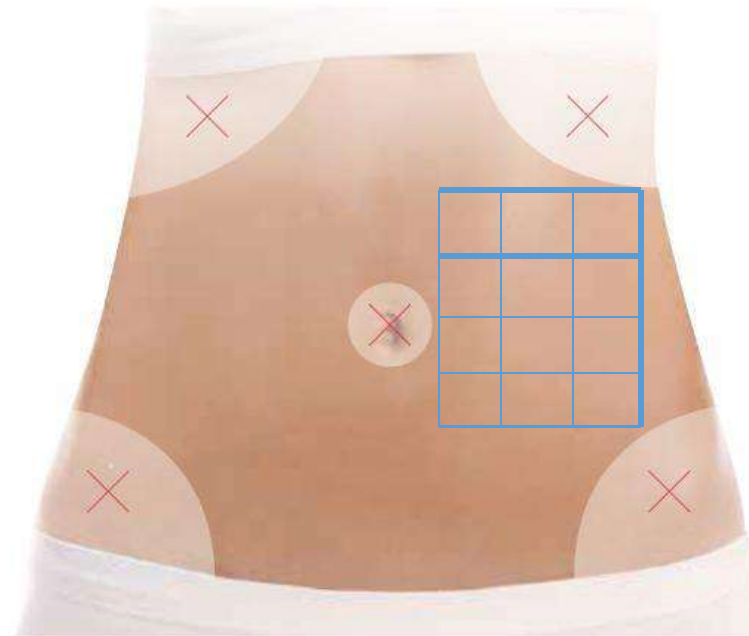
## Body line drawing-abdomen

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1. Mark the taboo area first, with 2 fingers on the upper and lower sides of the umbilicus, and the lower edge of the ribs

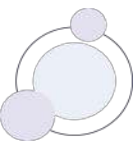
Draw lines along the edges of the ribs. Draw a line along the edge of the ilium.

2. Draw a line ruler on the abdomen and connect the lines according to the position of the points, as shown in the figure.



## Body line drawing-thigh

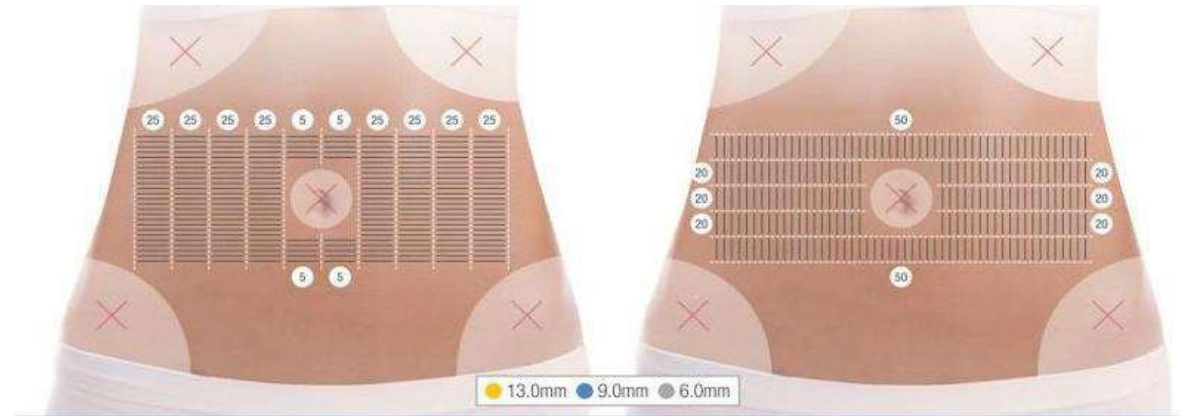
1. Find out the nerve location and mark the contraindication area.
2. Use the body to draw a line ruler, mark the position of the points and connect them, the opposite side is the same.





## Body Care Precautions

# abdomen



•不要直接对肝脏、肋骨或者盆腔区域进行护理。

•每次护理时，应按顺序从深到浅进行护理。

probe	point spacing			shoots
13.0mm	1.5-2.2J	1.0-1.5mm	3	660
• 9.0mm	1.5-2.5J	1.0-1.5mm	3	660

660

• 6.0mm 1.5-2.2J 1.0-1.5mm

Ex: 4.5mm ▶ 3.0mm ▶ 1.5mm

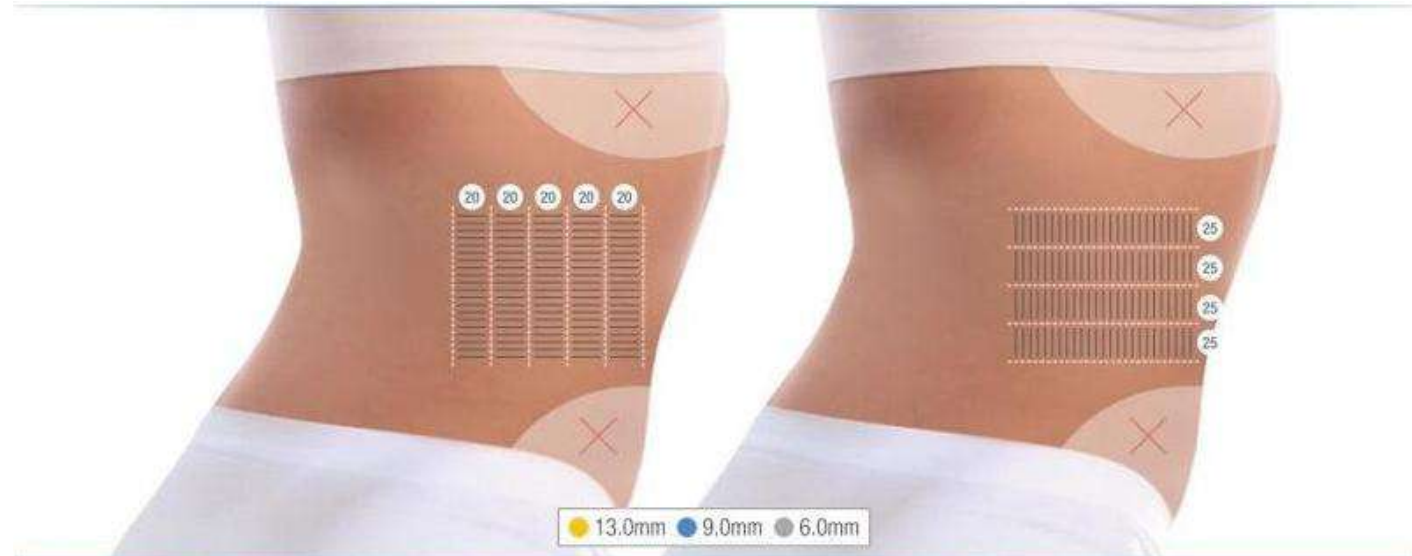
For the treatment process plus 3 times, it is recommended to use the horizontal and vertical composite manipulations as shown above. Of course, you can also choose any one of the horizontal or vertical techniques to perform 2 superimposed treatments.





## Body Care Precautions

ventral



-不要直接对肋骨或骨盆区域进行护理。

probe	energy	Point space	overlay	shoots
< 13.0mm	1.0-1.8J	1.0-1.5mm	3	300/300
• 9.0mm	1.0-1.9J	1.0-1.5mm	3	300/300

• 6.0mm  
3  
300/300

-When multi-level nursing, nursing should be performed in order from deep to shallow.

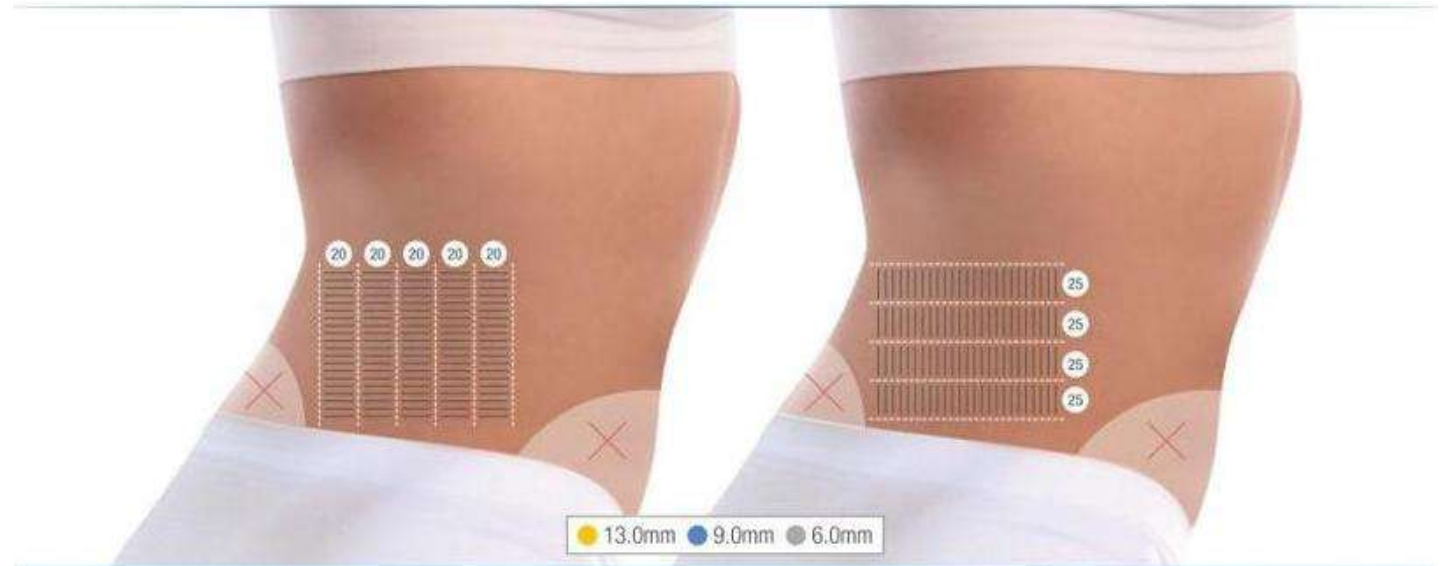
Ex: 4.5mm ▶ 3.0mm ▶ 1.5mm

-For the treatment process plus 3 times, it is recommended to use the horizontal and vertical composite manipulations as shown above. Of course, you can also choose any one of the horizontal or vertical techniques to perform 2 superimposed treatments.



## Body Care Precautions

waist



-不要直接在哈后上棘(psis)或骨盆区域进行护理。

-必黄外护理时 应使用黄H 绿蓝绿进行护理

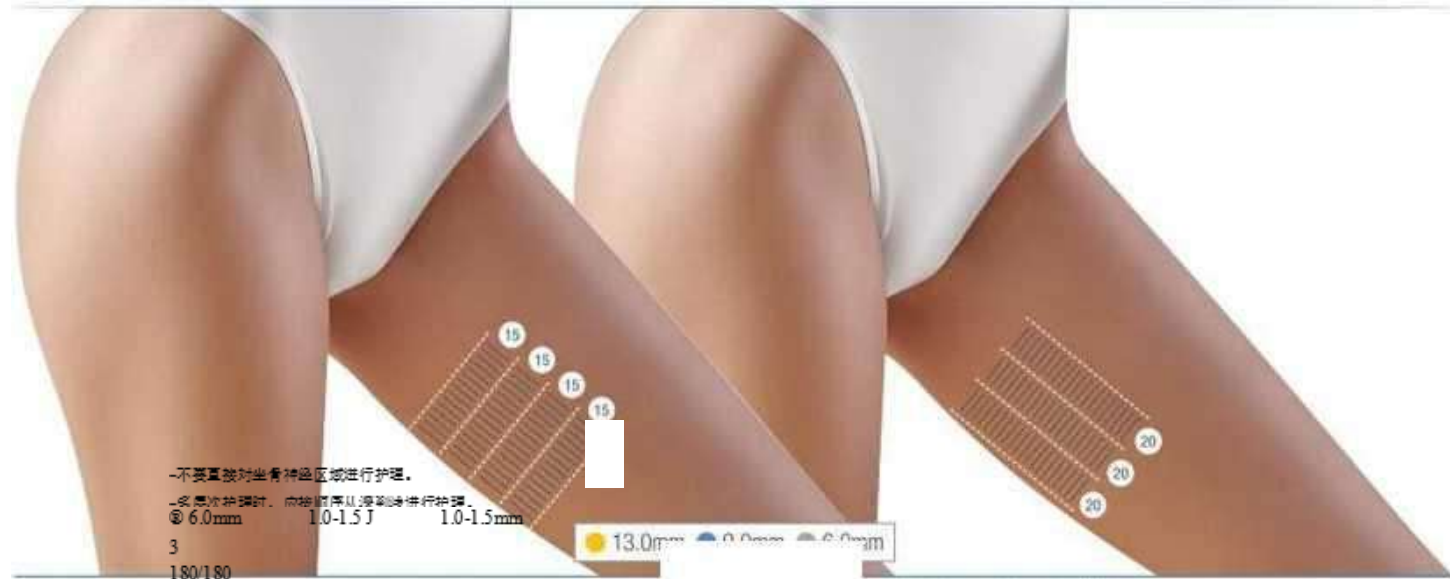
probe	energy	Point space	overlay	shoots
13.0mm	0.8-1.3J	1.0-1.5mm	3	300/300
• 9.0mm	0.8-1.5J	1.0-1.5mm	3	300/300
		• 6.0mm	0.6-1.2J	1.0-1.5mm
			3	300/300

Ex: 4.5mm ▶ 3.0mm ▶ 1.5mm

- For the treatment process plus 3 times, it is recommended to use the combined horizontal and vertical manipulation as shown above.



## Body Care Precautions



### O inside the thigh

Ex: 4.5mm ▶ 3.0mm ▶ 1.5mm

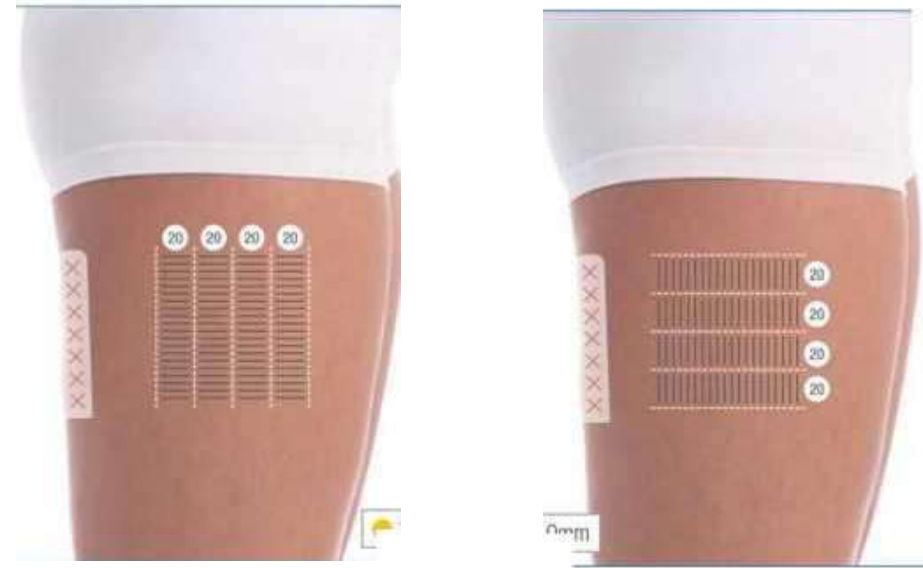
For 3 additional treatments, it is recommended to use the horizontal and vertical composite manipulations shown above. Of course, you can also choose any one of the horizontal or vertical methods to increase the care twice.

探头	能量	点间距	频次	发射
13.0mm	0.5-1.2J	1.0-1.5mm	3	180/180
9.0mm	1.0-1.5J	1.0-1.5mm	3	180/180



## Body Care Precautions

### Outer thigh



13.0mm • 9.0mm • 6.0mm



0

©

不要直接对坐骨神经区域进行护理。

探头	能量	点间距	量加	波数
13.0mm	0.8-1.5J	1.0-1.5mm	3	240/240
• 9.0mm	1.0-2.0J	1.0-1.5mm	3	240/240
• 6.0mm	1.0-2.0J	1.0-1.5mm	3	240/240

• When multi-level nursing, nursing should be performed in order from deep to shallow.

Ex: 4.5mm ▶ 3.0mm ▶ 1.5mm

- For 3 additional treatments, it is recommended to use the horizontal and vertical composite manipulations shown above. Of course, you can also choose any one of the horizontal or vertical techniques to increase the care twice.



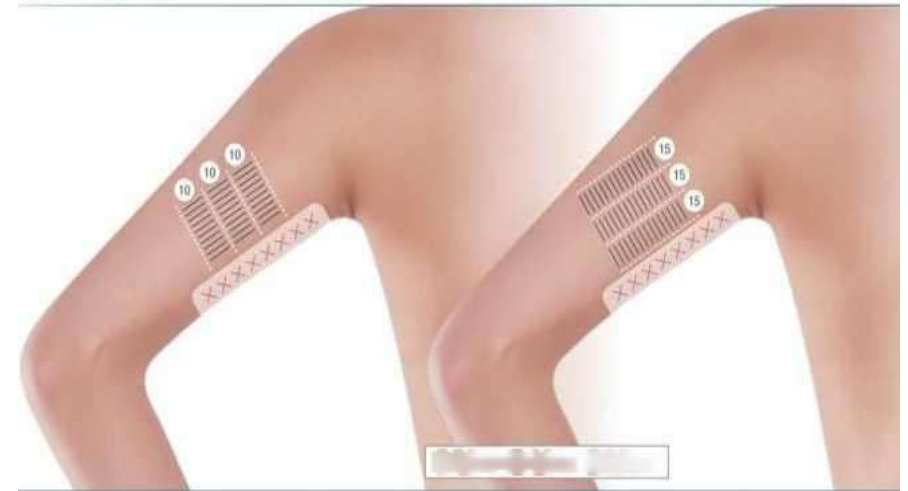
## Body Care Precautions

upper arm

• 6.0mm • 4.5mm • 3.0mm

•不要直接对尺神经部位进行护理。

探头	能量	点间距	叠加	波数
• 6.0mm	0.8-1.5J	1.0-1.5mm	2	75/75
• 4.5mm	0.6-1.0J	1.0-1.5mm	2	75/75
• 3.0mm	0.6-0.9J	1.0-1.5mm	2	75/75

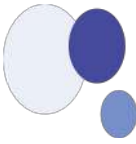


When multi-level nursing, nursing should be performed in order from deep to shallow.

Ex: 4.5mm ▶ 3.0mm ▶ 1.5mm

-For the treatment process that is superimposed 2 times, it is recommended to use the horizontal and vertical composite manipulations as shown at





## new application scheme

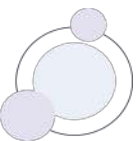
### Breast lift

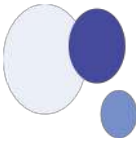


Baseli  
ne



Post  
Procedure

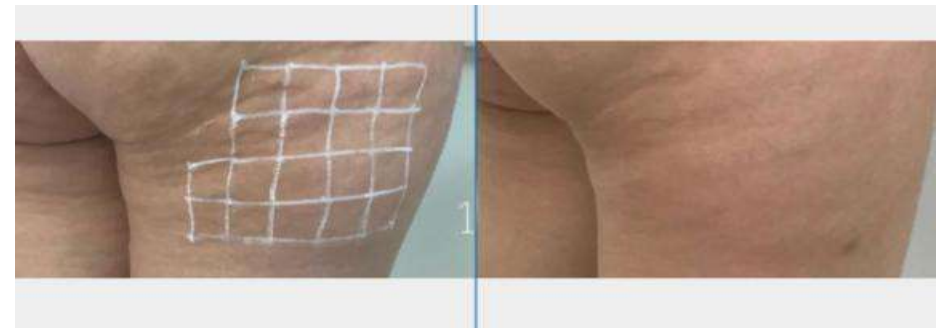




## MF6 new application program

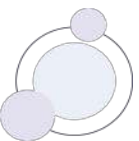
### MF6 Application\_ Cellulite (combined with 4.5mm probe)

Cartridge	Energy	Pitch	Passes	Shots
● 6.0mm	1.3-1.5J	1.0-1.5mm	2	160
● 4.5mm	1.0-1.2J	1.0-1.5mm	2	160



Baseli  
ne

Post  
Procedure



## 1.6 Operation of the instrument

### Contraindications

ULTRAFORMER III is contraindicated in the following patients:

- When pregnant or breastfeeding
- Open wounds or injuries in the care area
- Severe or cystic spasm in the care area
- Metal stents/electrical implants in the care area
- Bioresorbable mechanical implants
- any type of skin infection
- Bleeding disease or dysfunction

### Patient Precautions

Patients with the following diseases need to pay attention to and confirm the appropriateness of care:

- Anticoagulation therapy
- Skin diseases caused by autoimmune diseases, skin cancer and herpes simplex
- Diabetes or epilepsy
- severe skin disease
- Stripping surgery or heart disease
- Allergies or proliferative scars
- Hemostatic dysfunction





## 1.6 Operation of the instrument

### Operation Precautions

To avoid risks during care, the following should be noted:

- The ULTRAFORMER III must not be used without completing the training of an authorized CLASSYS representative.
- To prevent unauthorized use of the equipment, ensure that it is used only by trained and certified personnel.
- To avoid possible injury during nursing, do not operate the ULTRAFORMER III near the patient's eyes.
- Avoid thyroid, thyroid cartilage and trachea care.
- Avoid direct care of breast tissue and major blood vessels.
- Immediately stop nursing procedures if any malfunction or adverse event occurs.
- Before using ULTRAFORMER Chuan care, it is important to remember to apply an appropriate amount of ultrasonic gel to the treatment area.



### O patient precautions

Patients with the following diseases need to pay attention to and confirm the appropriateness of care:

- Anticoagulation therapy
- Skin diseases caused by autoimmune diseases, skin cancer and herpes simplex
- Diabetes or epilepsy
- severe skin disease
- Stripping surgery or heart disease
- Allergies or proliferative scars
- Hemostatic dysfunction

# 7D HIFU



# liposonix



## 1.6 Introduction to the working interface of the instrument



### Function selected interface

After the boot animation is completed, you can enter this interface and then select functions.



### 3D operation interface

You can set parameters such as energy fluence, current points, depth, etc. After the setting is completed, click the [start] button to start working.



### Part selection interface

Select the part you want to operate



### Background parameter setting interface

Background parameter setting which is completed before leaving the factory.

## 2.1 Introduction of the instrument

### PROJECT DESCRIPTION

Liposonix is a local fat-dissolving device used for fat accumulation in waist, abdomen, back, hands, legs, buttocks, etc. Liposonix is different from traditional weight loss methods. It focuses more on non-invasive localized cellulite. It does not replace liposuction, but provides a safer solution than traditional liposuction.

The technology is non-invasive, non-bleeding, non-surgical, non-scarring, non-invasive, and highly safe.



### Special statement:

This product is not for medical use, please do not use for disease treatment!

## 2.1 Introduction of the instrument

### PROJECT DESCRIPTION

Liposonix uses body probes of different depths (0.6cm, 0.8cm, 1.0cm, 1.3cm, 1.6cm), and converts focused ultrasound into 65~70 degree heat energy to crush and dissolve fat cells. The required fat cells are quickly crushed and dissolved in large particles of fat cells, reducing the amount of fat while stimulating the contraction and proliferation of collagen, quickly filling the gaps that appear after the ablation of fat, and the skin surface after treatment is thin and not wrinkled.

It will not cause damage to the epidermis, blood vessels, nerves and muscle tissue, and the crushed fat will be excreted with the body's metabolism. Permanently destroy subcutaneous fat, directly reduce the amount of fat without rebound within once. After one-hour course of treatment, the body circumference will be reduced by an average of 2-6 cm, showing multiple effects of fat reduction, skin tightening and shaping. For severe local obesity, it will take 1-3 times to achieve the desired effect.



Mechanism

## 2.1 Introduction of the instrument

### PROJECT DESCRIPTION

Liposonix adopts a circular custom contour output system. The treatment probe emits 24 energy lines in the treatment area. There are 24 energy lines in one shot with 576 focusing points, which can accurately and completely crush the amount of fat. The adipose tissue is destroyed immediately during the treatment, and the body circumference is reduced by 2-6 cm immediately after the treatment. After the fat metabolism is completed within 8-12 weeks, the effect will be better

In a single treatment, Liposonix can permanently destroy subcutaneous fat, directly reduce the amount of fat. The destroyed fat cells are gone forever, which can maintain a slim and good figure for a long time.



Advantages  
of the  
instrument

## 2.2 Introduction of the instrument

### PROJECT DESCRIPTION

#### Accessories :



handle



0.8cm probe



1.3cm probe

Standard thermoforming body probe: **0.8cm、1.3cm**

热立塑探头:



标配: 0.8cm



标配: 1.3cm



选配: 0.6cm



选配: 1.0cm



选配: 1.6cm

Corresponding probes can be selected to treat body parts according to requirements:

**Note: The probe is a consumable, fixed at 520 rounds. When the number of rounds is less than 50, the probe will be used soon. Please prepare a new probe for emergencies.**

**The instrument comes standard with 2 probes: 0.8cm and 1.3cm.**

**The thermoforming body probe can be matched with the corresponding probe to treat body parts according to the needs: 0.6, 1.0, 1.6.**





## 2.3 Introduction of the instrument

### PROJECT DESCRIPTION

#### operate:

1. Take the probe out of the box. Please keep the transparent packaging box properly for testing the transmitter failure (different types of probes have different boxes, which are not universal).

2. Install the probe as shown:

(1) Install the handle and probe according to the direction in the figure. Hold the handle in one hand and the probe in the other.

(2) Insert the joystick of the handle into the hole of the probe and fix the probe.



3. Replace the probe, as shown in the picture:

Note: The probe can only be replaced after 520 shots are used up, and there is no need to replace it when there are still more rounds.

(1) Hold the handle in one hand and the probe in the other.

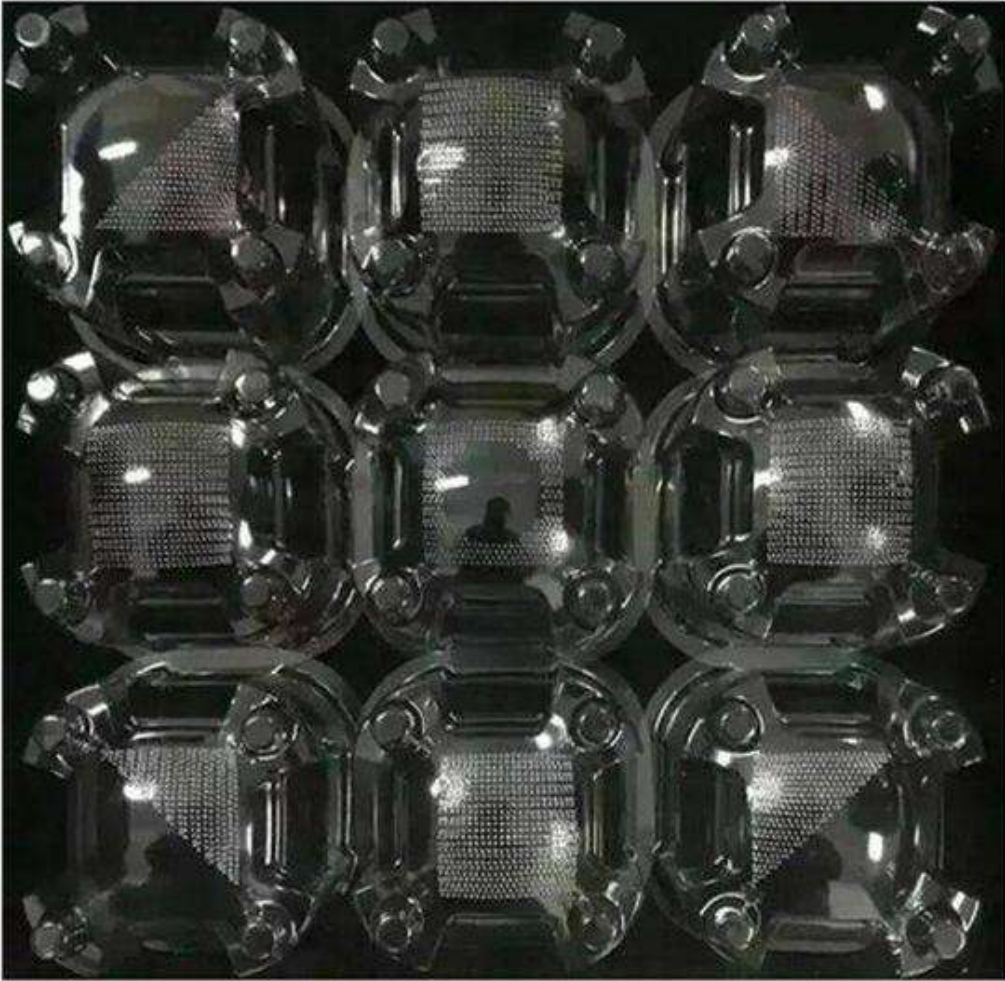
(2) Pull out the probe from the phone in the direction of the arrow.



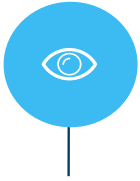
# 2.3 Introduction of the instrument

PROJECT DESCRIPTION

热立塑打点测试图



## 2.4 instrument treatment head



注：对好相对应孔位。  
1. 先对准电机孔位安插；  
2. 再对准芯片安插。

(发射能量时为 ■ 蓝灯常亮状态)  
(探头安装成功指示灯为 ■ 绿灯常亮状态)



(能量发射操作键/暂停键)  
**操作键/暂停键**

**启动准备键(与屏幕Start同步)**

注：如探头安装(电机复位)不成功屏幕上有报警提示 ，同时手柄上提示 ■ 红灯常亮状态；电机复位不成功时，需拔出探头重新安装或者更换安装另外一个探头。

Project		Description
1	switch button	Stop therapy / start therapy mode
2	work button	The indicator light is on when working
3	lock head	Lock the treatment head inside the pipette head
4	Therapy probe	Select the treatment head according to the thickness of the skin
5	Soft rubber cable jacket	Connect the joystick to the control section

## 2.5 Installation of the instrument



### **Installation of the instrument:**

Insert the handle wire into the socket at the back of the machine and fasten the screws. Insert the power cord into the power socket at the back and connect to a power supply line suitable for the voltage within the normal working range of the instrument.

The installation of the probe is shown in the figure below.



## 2.5 Operation of the instrument

1. After receiving the instrument, open the package and connect the power cord.
2. Connect the treatment handle. When connecting, note that the red dot on the handle line corresponds to the red dot on the instrument and insert it. If the connection is not in place, the instrument will alarm.
3. Activate the power switch on the back of the instrument
4. Then install the treatment probe on the treatment handle (the handle should be installed upwards to prevent the treatment probe from being damaged by falling on the ground)
5. Enter the operation interface, and click anywhere on the screen to enter the preparation interface





## Professional work interface function introduction

1. Select the appropriate probe according to the client's fat thickness, and install the probe into the handle.

2. Insert the power cord plug into the socket and turn on the power switch.

1) "Depth (cm)" indicates the depth of the probe installed in the handle firing into the adipose tissue. Emitter focus depth has options of 0.8/1.3cm.

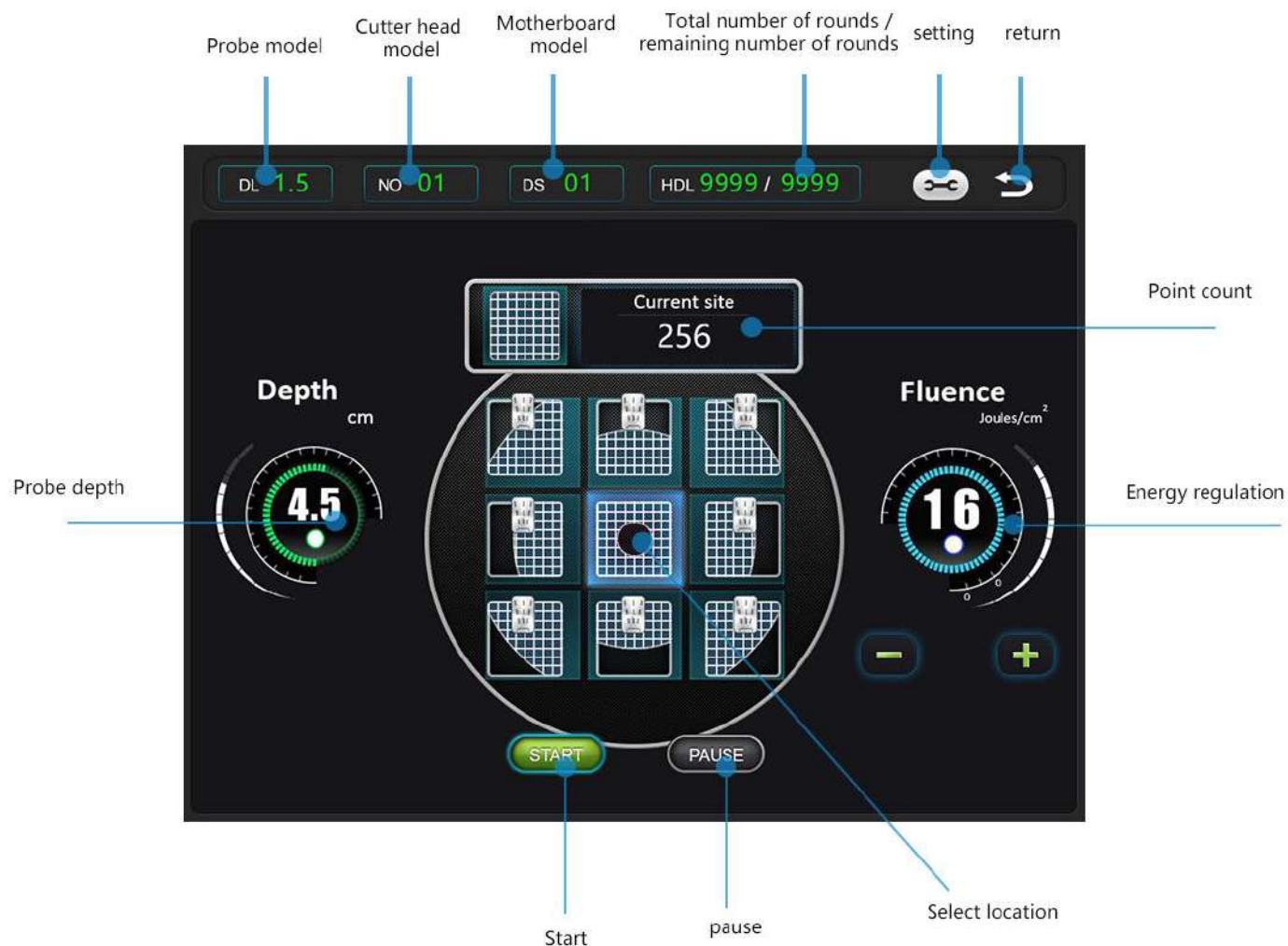
2) "Current position" indicates the point data in processing.

3) "Energy Fluence (Joules/cm<sup>2</sup>)" means output focused ultrasound energy flux. Click "+" and "-" to adjust

4) "HDL" indicates the number of rounds left in this area when the current probe is used at work.

The probe is a consumable, and when it displays "0", it means that the number of rounds of the probe has been used up.

## 2.6 Main interface





## Professional work interface function introduction

5) Click the [Start] button to start the instrument, and click [Stop] to stop the instrument.

(Note: Do not operate without applying enough gel, otherwise it will cause damage to the transmitter)

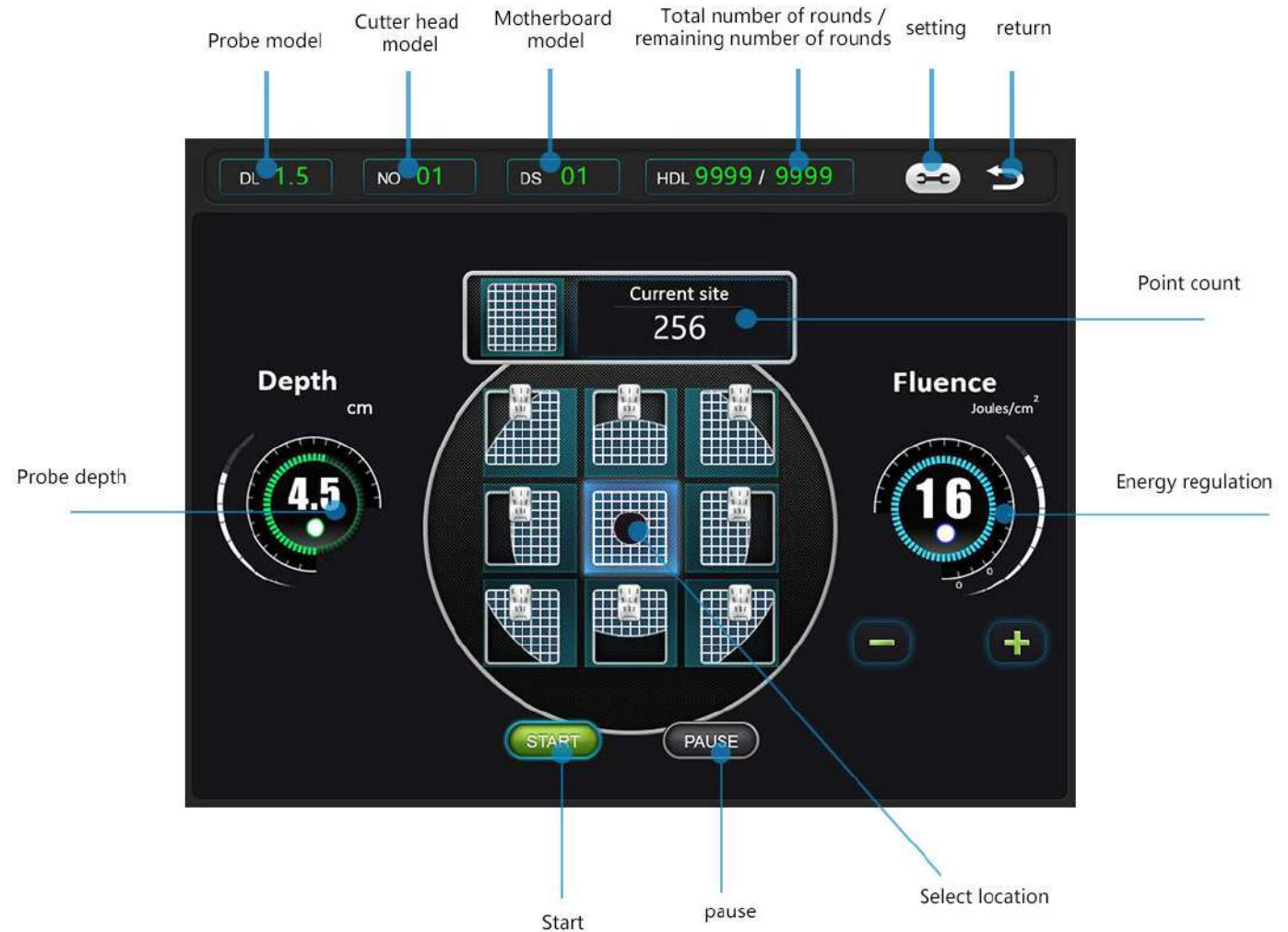
(6) When the mode is selected, the machine must be on standby. The system defaults to the overall style. The side fat on the waist at the 576 discharge position must be at least 2.5cm. The edge distribution style " and "the navel is more special" should be selected.

7) "Current site" indicates the point the probe hits in this area. If not hit, the current site is "0". In the working state, the maximum concentration point of the entire style is 576, eg.

8) The control mode interface displays "Depth (cm) 1.3" and "Cartridge Sites Remaining 576" once the transmitter fires once, and the number of probe rounds will continue to decrease.

It is the display of the total number of hairs of the current treatment head, click to return to the main interface.

## 2.6 Main interface





## Operating energy parameters

--The use range and operating energy parameters of each instrument probe are as follows:

0.6cm probe:abdomen/hands/back/chest	【Energy】 : 03-10
0.8cm probe: abdomen/hands/chest	【Energy】 : 03-10
1.0cm probe: abdomen/leg/back	【Energy】 : 03-10
1.3cm probe: abdomen/leg/buttocks	【Energy】 : 03-10
1.6cm probe: abdomen/leg/buttocks	【Energy】 : 03-10

▲ The above is the recommended energy fluence for each probe operating in different parts. The shallower position(eg: forehead, crow's feet) can start from the lowest energy. Energy should be adjusted from low to high to the range that the experiencer can bear. (If the guests can still bear it, you can also increase accordingly. It is suitable for guests without tingling.)





## Operation of liposonix

### Operation of liposonix:

(1) Pick up the fat on the skin care area with your hands, and judge whether the thickness of the fat is more than 1.0cm, and whether it is suitable for the operation of liposonix. Select the corresponding treatment probe according to different fat thickness.

<b>Fat thickness</b>	More than 25mm	More than 23mm	More than 18mm	More than 14mm	More than 10mm
<b>Probe</b>	1.6cm	1.3cm	1.0cm	0.8cm	0.6cm

(2) Clean the skin.

(3) Take pictures before treatment and compare the effect after treatment. Generally, we measure three parts like above the umbilicus, in the middle of the umbilicus, and below the umbilicus. Mark the measurement location with a beauty pencil and register the measured size, and take a photo.

(4) Use a beauty pencil to mark the area to be treated with squares for treatment. Apply the gel to the treatment area.

(5) Enter the liposonix operation interface, adjust the energy fluence and working mode, and press the start button on the screen.



## Operation of liposonix

- (6) When the instrument is ready, the beautician puts the probe close to the skin, and press the operation button on the handle. The current point of the system starts to count down. The probe cannot be moved in the working emission state. It can move to the next position after the energy emission is completed. When the current point is displayed as "0", it means that the shot is completed. (Blue light turns on when emitting energy).
- (7) If you need to pause, press the pause button on the handle to stop the energy output; if you press the [Pause] button on the screen, the instrument stops working and the motor resets.
- (8) During the operation, it must be adhered to the skin without voids, and the gel must be fully uniform.
- (9) In the process of operation, it is necessary to continuously ask the experiencer about the comfort and the adjustment of the energy to ensure that the experiencer accepts the experience in a pleasant state.
- (10) If the customer feels that the energy is not enough, you can slowly increase it until the customer can accept it. It is normal for the customer to feel a little needle or heat. It is normal for the skin to be slightly red after the operation, because the energy generated by the fat cells at the bottom of the skin is discharged to the surface of the skin.
- (11) After treatment, gently wipe the handle and probe with a soft cloth. and put the phone back into the frame.
- (12) Measure the size of the post-treatment part, and take pictures to see the effect after the operation. Measure three parts like above the umbilicus, in the middle of the umbilicus, and below the umbilicus. The measurement positions should be consistent with the positions measured before the operation.



## Operation of liposonix

(13) Instructions after liposonix:

- ① Since the treatment method is non-invasive, so it will not need recovery time. The daily activities can be resumed immediately.
- ② Appropriately control a fatty diet after operation. Please drink more water, and exercise appropriately after the operation. Then the effect will be more obvious.  
Don't eat spicy food.
- ③ The slight discomfort (such as: redness, slight swelling, etc.) after the operation is normal and will disappear within 2 to 3 days. Maximum results are seen within 8-12 weeks with a single one-hour treatment, which is the time the body needs to naturally metabolize damaged fat.



## Precautions for the use of the instrument

Precautions for the use of the instrument:

- (1) Menstrual period, pregnant women or those who plan to become pregnant within one month;
- (2) The prosthesis is installed at the treatment site, and the position with cesarean section scar must be avoided for treatment;
- (3) Ultrasound treatment can be performed after half a year of injection of hyaluronic acid;
- (4) Patients with a history of incomplete wound healing and a large metal prosthesis near the treatment site should be used with caution;
- (5) Patients with malignant tumors, hemophilia or severe bleeding, patients with major diseases, skin diseases, and infectious diseases should be used with caution;
- (6) Patients with diabetes, hypertension, hyperthyroidism, asthma, heart disease, kidney disease, and patients with cardiac pacemaker, implantable defibrillator or other electromagnetic implantable medical devices should be used with caution.
- (7) The skin of the physiotherapy area should be cleaned before using the instrument to prevent dirt from entering the skin with the ultrasonic wave or preventing the penetration of the ultrasonic wave. Please remove all metal objects from your body before treatment so as to avoid unforeseen situations that may affect the curative effect.
- (8) It is forbidden to operate without gel medium. It is best to use a medium with a certain viscosity, which is conducive to the better fusion of the ultrasonic wave and the skin, and prevents the reflection from the gap and is not conducive to better transmission of the sound energy.
- (9) Each treatment area should not be repeated too much, up to 2 times to avoid skin redness and swelling.
- (10) The degree of heat of the probe does not represent the output of the ultrasonic power; it is not advisable to directly penetrate the water agent or drug with a small concentration, otherwise it will easily cause the skin to dry.



## Normal questions

### A&Q

A: When will customers see the results? How long does it last?

Q: Most clients can see the results immediately after the treatment. However, it mainly depends on the individual's skin elasticity and collagen rebuilding process. Usually it will last 1-3 years.

A: How many times do we take the 4D? What's the reaction?

Q: In order to maintain the long-term treatment effect, it is recommended to operate once every 2-3 months. It is possible to see a little red skin after treatment, which will disappear within a few hours.

A: How many times do we take the liposonix? How long does it require? Does it work?

Q: For obese customers, follow the course of treatment. For severe local obesity, it takes 1-3 times to achieve the desired effect. You can do it every other month. For a relatively small body, liposonix only needs to do it once, and it only takes one hour to reduce the local size by 2--6 cm; clinical test results show that up to 91.3% of consumers are accepting. After the treatment, the flatness of the abdomen was significantly improved, and the waist circumference was on average 2 cm smaller. The body has become slimmer and the waist curve has been restored to exquisiteness, and these only need 1 treatment for 1 hour.

A: Does the client need a break?

Q: There is no rest time. Customers can resume normal activities immediately.

### Instrument common fault problems:

1. There is no display on the instrument interface, please check whether the power plug is not connected or the power switch is turned on.
2. The instrument is normal but there is no energy output or the alarm keeps on turning on. Please check whether the connection between the handle wire and the host is firm or whether the probe is installed in place.



## Maintenance and care of the instrument

1. After using the instrument, please disinfect it with alcohol or normal saline, wipe it clean and keep it properly.
2. Before use, a plug with a grounding pin must be used, and ensure that the power socket of the instrument is truly grounded.
3. The voltage of the instrument is suitable. If the local power supply voltage is unstable, we recommend that the user add a regulated power supply with matching power.
4. For the therapeutic effect of the instrument and to ensure normal service life, please use the designated accessories provided or recommended by the original manufacturer.
5. Do not place it in a humid place or near a water source, and do not expose the instrument to direct sunlight.
6. The instrument is close to a strong heat source, because this may affect the life and normal use of the instrument.
7. Please remove all metal objects on your body first, so as to avoid unforeseen situations that may affect the curative effect.
8. Avoid bad contact. Please pay attention to the place where the skin is in contact with a certain degree of moisture. Wipe it with water-based products or water to achieve the desired effect.
9. Please turn off the power switch of the instrument when the instrument is not in use, and ensure that the main power of the instrument is turned off before use to ensure the safety of electrical products.
10. Strictly follow the instructions in the user manual to use the instrument or train the operator of the instrument.



## Instrument parameters

Input voltage	AC100V~240V 50/60Hz
Output Power	$\leq 150$ V/A
working frequency	4Mhz
Liposonix energy	0.5 J/cm <sup>2</sup> to 100 J/cm <sup>2</sup>
Maximum number of points for a single output focus	576 points
Points for a single row output	24 array
Probe depth	0.8 & 1.3cm
Operating Voltage	110V/220V
Maximum power	200W
Hifu treatment depth	1.5mm,3.0mm, 4.5mm
Probe working time	10000 shoots
energy	1~5.0J



Liposonix