

4D HIFU Instructional Manual

Before using the instrument, please read the manual carefully and operate the instrument strictly in accordance with the instructions in the manual.

Preface

Dear users:

Welcome to use our latest product of 4D multi-line ultrasonic Beauty Machine. The 4D multi-line ultrasonic beauty machine is a more authoritative and higher-end anti-aging system instrument after the continuous Thermage Ultrasonic Beauty Machine. This technique has no bleeding, no surgery, no scars, no trauma, and replaces various effects of traditional facial anti-aging wrinkle surgery - including face-lifting, removing double chin, lifting firmness, wrinkles, tightening the skin, etc. It completely solve the problem of aging and sagging on the face and body parts, and recreate the contours to restore the youth!

After treatment, it can make up normally without affecting daily life at all. Compared with previous single-line technology effects is more durable. Before using the instrument, please read the manual carefully and operate the instrument strictly in accordance with the instructions in the manual.

一、 **Instrument Overview**

Our new latest product 4D multi-line ultrasonic beauty instrument can achieve three perfect effects of skin tightening, wrinkle removal, shaping body. The most advanced part of the 4D multi-line ultrasonic

beauty instrument is the use of the most advanced ultrasonic energy, which can penetrate deep into the SMAS layer of the skin, causing immediate contraction of collagen and stimulating collagen fiber network, thus enhancing skin elasticity from the bottom layer (the self-repair mechanism is safer). This is the safest and most effective way to treat facial skin aging and sagging in the beauty industry. It is a cross-era multiple beauty instrument without wound, convalescence, bleeding . 4D multi-line ultrasonic beauty instrument ,the magical removing wrinkles and improving efficacy has been recognized by the authoritative institutions in the United States, and is known as the miracle of youthful youth!

二、 Instrument Principle

With its unique high-energy focused ultrasound, ultrasonic focusing can directly reach the SMAS layer, promote the suspension of SMAS fascia, and comprehensively solve the sagging and relaxation problems of the face. It precisely locates the ultrasonic energy at the 4.5mm fascia layer under the skin, which play a role in the fascia layer to growth and pull the muscle to achieve the best effects of shaping body and tightening skin .It acts on the collagen layer of 3mm under the skin to rejuvenate the collagen and achieve anti-aging problems such as skin elasticity, whitening, wrinkle removal and pore

reduction,at the same time, because the energy swept across the epidermis, do not need to be worry about epidermis to get hurt completely and can make the skin arrives the effect that pulls quickly, compact outline, fast smooth furrow!

三、 Technology Advantage

- 1、 Two modes: fast mode or slow mode can be switched.
- 2、 A maximum of 12 lines can be used in a single shot, and the maximum energy area is 10mm wide. the corresponding parameters can be adjusted according to the size of the skin area,which make the operation time is greatly shortened , make the energy point effects on the skin is more uniform, and the curative effect is better.
- 3、 Using the most advanced high-tech technology, it is equipped with two treatment heads according to the facial skin condition,which accurately affects different depths of skin,and the energy is slightly over the epidermis during treatment, and 100% without any damage.at the same time,
At the same time, the depth of the skin treated by the treatment head is consistent with the set value, ensuring the customer's painless and comfortable.
- 4、 In addition to the thermal effect on dermal collagen and collagen fiber, it also has thermal stimulation on the fat layer and fascia layer

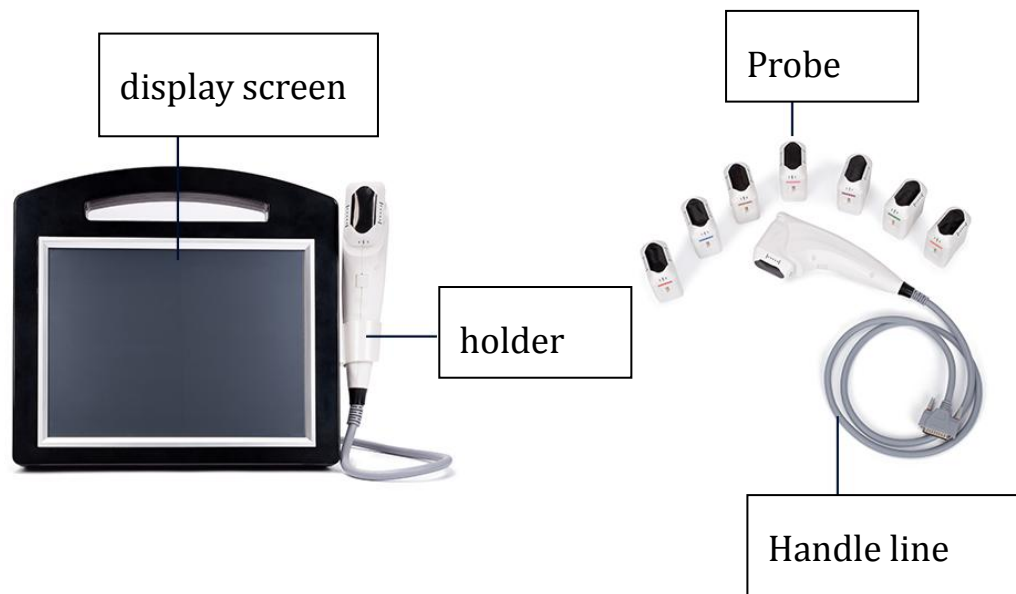
(SMAS), and the therapeutic effect is far better than that of Thermage.

5、 The operation is simple and convenient, no need for consumables, greatly reducing treatment costs.

6、 The effect of tightening and shaping can be seen immediately after treatment, which can last for at least 18-24 months at a time, and achieve negative growth for skin age once a year.

7、 Makeup immediately after treatment does not affect normal life and work.

五、 Name of instrument parts



1、 Functional profile of the treatment head

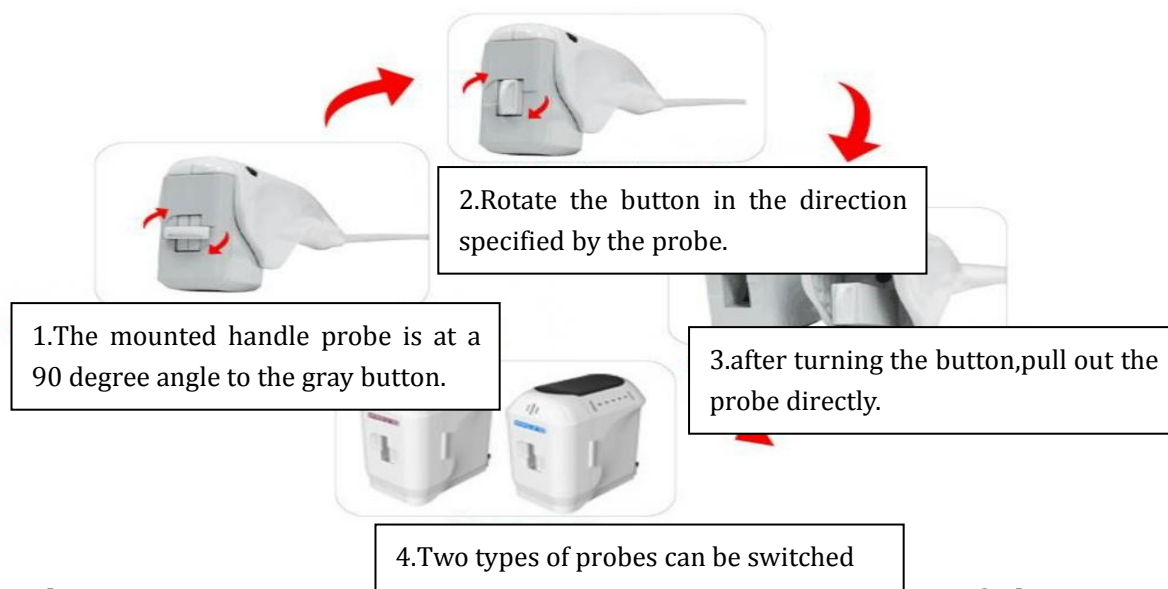
Facial functional	The depth of skin treatment and efficacy
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head	
1.5mm	Energy reaches directly to the dermis layer, making the fibrous tissue densely arranged to make the skin smooth and delicate.
3.0mm	Energy directly to the skin subcutaneous tissue accelerates the activity of cell, regenerating collagen to increase skin elasticity and firm skin.
4.5mm	Energy directly reaches the fascia layer to thermally coagulate the fascia layer, which produces the effect of tightening and lifting the fascia layer to suspend the skin, so that the skin can be improved from deep to shallow to support the subcutaneous structure of the skin, and better help the bottom layer of the skin to restore elasticity and remove the wrinkle to lift facial skin.

Remarked: The following probes for body :16mm 、13mm、10mm、8mm、6mm ,the corresponding probe can be selected to treat body parts according to the needs.

六、Installation of Instruments

Insert the handle line into the socket at the right side of the machine and fix the screws,plug the power cord into the left power socket and connect to the power supply line suitable for the voltage within the

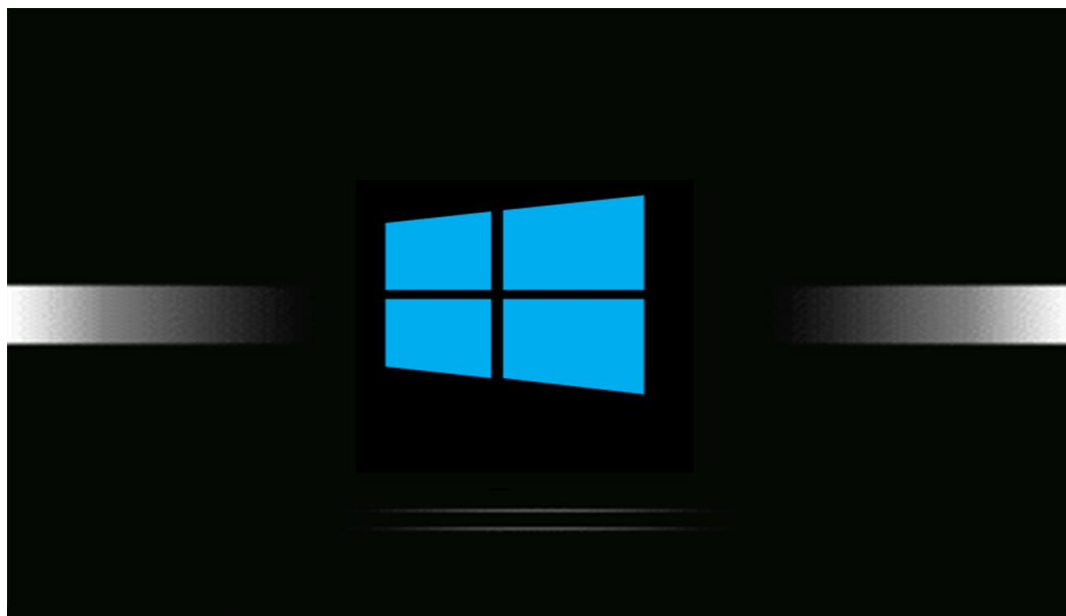


normal operating range of the instrument. The installation of the probe is shown below.

七、Interface introduction

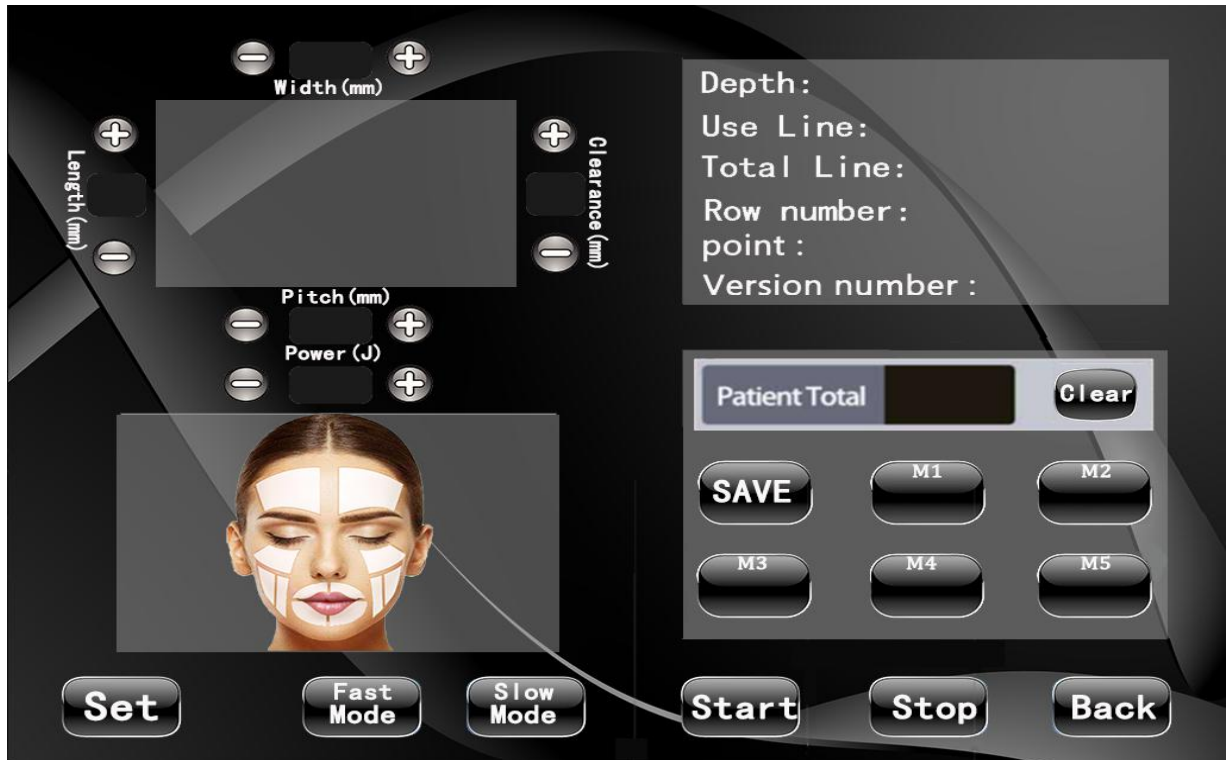
1、 Start-up

Check whether the connection of the instrument is normal,switch on the power of the instrument and press the power switch of the host,



the machine will start up and the boot interface appears.(picture as below)

After clicking the boot interface, it automatically enters into the



professional work interface(pictures as below).

2、 Function introduction of professional work interface.

Various parameters can be adjusted in the working interface as following:

【Width(mm)】 represents the total width of the energy region;

【Length(mm)】represents the total length of the energy region of the ultrasonic beauty instrument;

【 Clearance(mm) 】 represents the distance between the freezing point and the point in each line of the energy region;

【 Pitch(mm) 】 represents the distance between each line and line in

the energy region

【Power(J)】 represents energy; click【-】(decrease)【+】(increase)

adjust the size ;

【 Patient Total 】 represents the number of points recorded for treatment Click 【Clear】 clear treatment points;

Click【Start】 the instrument start to work; click【Stop】 the instrument stops working;

【M1】 — 【M5】 represents the choice of parameter storage mode or recall parameters;

and then click【SAVE】Save parameter storage; click【Back】represents return

【Fast Mode】 represents fast mode; 【Slow Mode】 represents slow mode;

【Depth】:Display the identified probe;【Use Line】:Remaining number of probe;

【Total Line】:Total number of probes;【Row number】:Display energy rows (1-12 rows);

【Point】 :Display the number of energy points;

【Version number】 :Version 01;

Remarked: Use range and energy reference of each probe



1.5mm probe:	Neck / double chin / jaw / cheek / forehead	【Power(J)】 : 0.4J
3.0mm probe:	Neck / double chin / jaw / cheek	【Power(J)】 : 0.6J
4.5mm probe:	Neck / double chin / jaw / cheek	【Power(J)】 : 0.6J
6.0mm probe:	chest	【Power(J)】 : 0.8J
8.0mm probe:	Abdomen	【Power(J)】 : 1.0J
10.0mm probe:	hand / leg	【Power(J)】 : 1.0J
13.0 mm probe:	hand / leg	【Power(J)】 : 1.2 J
16.0 mm probe:	hand / leg	【Power(J)】 : 1.2J

【Width】 : 8-10mm 【Pitch】 : 1.3-1.8mm 【Clearance】 : 1.5- 2.0mm



▲ The above is the recommended energy value for each part of each

probe's operation. (If the guests can also bear can also be adjusted accordingly ,It is appropriate for the guests to feel no stinging pain.)

Operational exclusion zone : Avoid hairline, temples, eyes (eyeballs), Yintang, nose, upper lip, chin, larynx, aorta, and navel.

八、Operational steps of the instrument

- 1 、 Before using the instrument, disinfect and wipe the probe with alcohol to dry the facial water.
- 2 、 Apply the product gel (photosensitive gel) evenly to the area to be treated.
- 3 、 Before the operation of the instrument, replace the required treatment head and adjust the energy from low to high to the range that the experimenter can withstand.
- 4 、 During the operation, the treatment head should be kept flat against the skin, and the operation spacing should be arranged closely.
- 5 、 In the process of operation, we should constantly ask the experimenter about comfort and adjustment of energy size to ensure that the experimenter receives the experience in a pleasant state.
- 6 、 Repeated intensive treatment at the problem site (2-3 times).

九、 Setting and treatment reference

	Width	Clearance	Power	Pitch	Length	Problematic skin	Severe skin
Normal skin	8-10	1.5-2.0	0.4-1.2	1.3-1.8	05-25	3times/course of treatment	1 time/2-3 months 5 times/course of treatment
Sensitive skin	1-10	1.8-3.0	0.3-1.0	1.5-2.0	05-25		

十、 Precautions and maintenance:

1、 After using the instrument each time, please wipe it with clean water, disinfect it with alcohol and keep it properly(Avoid scratching the black film of the probe).

2、 The plug with grounding pin must be used before use, and ensure that the power socket of the instrument is truly grounded.

3、 Please make sure that the voltage of instrument is adapted. If the local power supply voltage is unstable, we recommend that the user increase the power matching power supply.

4、 In order to ensure the therapeutic effect and normal service life of the instrument, please use the specified accessories provided or recommended by the original manufacturer.

5、 Do not place in a humid place or near a water source, and do not expose the instrument directly to the sun.

6、 Do not place the instrument close to a strong heat source as this may affect the life of the instrument and its normal use.

8、 To avoid poor contact during winter or dry weather, please apply

the gel to the face evenly (the probe should be pressed flat).

9、 Media such as water,oil shall not infiltrate into the inside of the instrument. It shall not be hit, knocked or slammed to avoid damage to the instrument.

10、 After using the ultrasonic beauty instrument, please disinfect the probe with alcohol in time and disconnect the power supply.

十一、 Contraindication of instrument users

The Patients with the following symptoms should be cautious in using the device. Please consult doctors or professionals before using the device. The details are as follows:

1、 Before using the instrument, the skin of the physiotherapy part should be cleaned to prevent the dirt from entering the skin with ultrasonic waves or preventing the penetration of ultrasonic waves. Please remove all metal objects from your body before treatment to avoid unpredictable conditions and affect the efficacy.

2、 It is better to use a certain viscosity of the medium, which is conducive to the better integration of ultrasound and skin, and to prevent the gap from causing reflection, which is not conducive to better transmission of sound energy.

3、 Each treatment area should not be repeated too much, up to three times, to avoid skin redness and swelling.

4、 The degree of heat of the probe does not represent the output of

the ultrasonic power; the water liquid with a small concentration or drug should not be directly infiltrated, otherwise it may cause dry skin.

5、 The probe should not be close to the eye or pass through the eyeball when using the instrument.

6、 The instrument should also be used with caution by patients who are ill unless the doctor's permission is obtained.

7、 Patients with malignant tumors, hemophilia or severe bleeding

8、 Patients with major diseases and who with skin diseases and infectious diseases should be used with caution.

9、 Heart, brain, neck nerve center, spine, eyeball, bleeding, injection.

10、 Pregnant women, severe heart disease, diabetes, hyperthyroidism, and high blood pressure.

11、 The treatment of Ultrasonic beauty instrument can only be performed after half a year of injection of hyaluronic acid.

12、 After treatment,do not eat spicy food ,and do not wash your face with superheated or supercooled water within a week.no hot yoga, sauna, steamed face and facial massage (Avoid squeezing the face) ,apply mask for hydration every day for a week, and pay attention to sun protection,what's more ,do not use the RF and light instrument for treatment within a month.

十二、 **Common failure**

1、 There is no display on the instrument interface. Please check if 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 it is always on alarm. Please check if the handle cable is firmly connected to the host or the probe is installed in place.

十三、 Instrument maintenance

1、 After using the instrument, please clean it with alcohol disinfection and keep it properly.

2、 The plug with grounding pin must be used before use, and ensure that the power socket of the instrument is truly grounded.

3、 Please make sure that the voltage of instrument is adapted. If the local power supply voltage is unstable, we recommend that the user increase the power matching power supply.

4、 In order to ensure the therapeutic effect and normal service life of the instrument, please use the specified accessories provided or recommended by the original manufacturer.

5、 Do not place in a humid place or near a water source, and do not expose the instrument directly to the sun.

6、 Do not place the instrument close to a strong heat source as this may affect the life of the instrument and its normal use.

7、 Please first remove all metal objects from your body to avoid unpredictable conditions and affect the efficacy.

8、 In order to avoid contact failure, please pay attention to the skin

contact with a certain degree of moisture, with water - based products or water to wipe it can achieve the desired effect.

9 、 When not in use, please turn off the power switch of the instrument, and ensure that the total power of the instrument is turned off after use to ensure the safety of the electrical products.

10 、 Using instruments or training instrument operators in strict accordance with instructions in the use manual.

十四、 Technical parameters and package size:

Product name : 4D Muti-line Anti-aging Beauty Instrument

Treatment head: 1.5,3.0,4.5,6.0,8.0,10,13,16 could be choose.

Input voltage: AC110V - 220V Output frequency: 4-7MHz

Output voltage: 10-200W Fuse: 5A

Size of Air box : 20×40×54cm

Weight:about 11kg(Don't include the base)