



4D + RF Instructional Manual

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

One、 Instrument Overview

Our new latest product (4D+Radio Frequency):2 in 1, Two in one is a multi-row fixed-point + sectional type RF Microcrystals technology. It combines 4D multi-row with gold RF microcrystals,The treatment effect of skin aging will be better, It can effectively tighten and enhance the skin, and at the same time, it can effectively improve the skin condition and restore the young and healthy skin, to realize the Trinity and three-dimensional anti-aging. The clinical effect has been unanimously recognized by medical and aesthetic experts and institutions.

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. It 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!Compared with previous single-line technology effects is more durable.

Gold RF is a high-tech instrument which integrates lattice, RF and microcrystalline,In addition to facial rejuvenation, golden radiofrequency microcrystals can improve skin quality such as large pores and pits, and can also treat stretch marks and axillary osmidrosis. Gold RF is through the ingenious combination of microcrystalline and radio frequency,The word "gold" comes from the microcrystalline crystal coated with gold film,The outer coating of microcrystalline is also golden yellow. During treatment,The doctor will adjust the penetration depth and the radio frequency energy according to the skin problems and

treatment sites. Then, under the control of the electronic system, several insulating microcrystals penetrate the epidermis rapidly at the same time, Radiofrequency energy is emitted from the microcrystal tip, and then quickly exits. This is repeated until the treatment is completed, and finally the repair creams are applied.

Two、 Instrument Principle

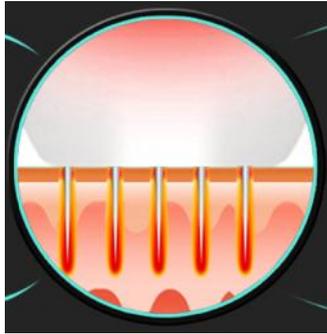
4D multi row is the use of the most advanced high-energy focused ultrasonic principle, The temperature under the skin can reach 65 °C - 70 °C. It can heat the deep tissue without damaging the skin surface. According to the location of diagnosis and treatment, 4D multi row uses probes of different depths (1.5mm, 3.0mm, 4.5mm) to accurately focus energy on the epidermis, fascia and collagen layer; 4.5mm is located in the subcutaneous fascia layer, which produces protein coagulation reaction, thus producing tension around the coagulation point as the center and exerts tension on the fascia. Muscle layers grow and pull to achieve the best effect of shaping, lifting and tightening; 3.0mm acts on subcutaneous collagen layer to stimulate collagen regeneration, which can gradually tighten and improve skin and restore elasticity; facial wrinkles caused by sagging; one operation, comprehensive facial synthesis Pull up and tighten the whole contour. In addition, there are probes with different depths for the treatment of obesity and chest, positioning the body fat layer, tightening the skin and dissolving the fat. This technology has no bleeding, no knife, no scar, no trauma and high safety.

The Gold RF microcrystals combine four technologies: insulating microcrystalline, high temperature RF, vacuum adsorption and transdermal administration. Using vacuum adsorption technology to achieve safer treatment, freely set the insulation microcrystalline head to penetrate into the target tissues at different depths of the skin (0.5-2.0mm-3.5mm). Without damaging the epidermis, through the microcrystalline head penetrates the epidermis, and directly transmits high temperature RF energy to the deep dermis, instantly and efficiently activates skin collagen and fibers, promotes the regeneration and rapid recombination of collagen fibers. It can completely repair the damaged skin cells, effectively destroy the secretion of sebaceous glands and inhibit inflammation, and eliminate acne bacilli---thus reduce oil secretion, significantly improve pore size, effective treatment of inflammatory acne ect. According to the different symptoms of rough and loose skin, fine lines and wrinkles, acne scars, scars, stretch marks and other symptoms, personalized skin beauty is carried out.

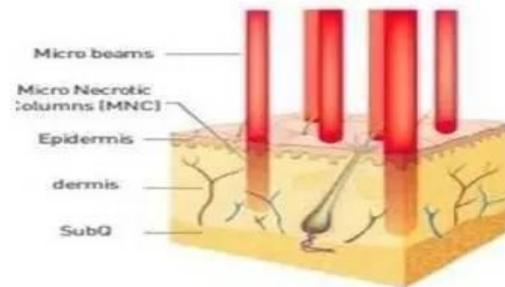
By adjusting the length of microcrystalline, the RF can be released to the depth of sweat glands, thus destroying the redundant apocrine glands (apocrine glands) and eccrine glands - solving the problems such as bromhidrosis.

the penetration of microcrystalline, open the skin quickly absorption channel, it can directly introduce the repair solution, antioxidant and other drugs into the deep layer of the skin, further play the role of active ingredients and drugs, further repair the skin, and achieve the purpose of $1 + 1 > 2$.

Gold radio frequency microcrystalline VS Dot matrix laser difference



Gold radio frequency micro crystal



fractional laser

1. the high frequency crystal head is formed by the crystal depth of physical properties, forming heating and solidification fields.
2. gold RF microcrystalline target depth and required energy can be finely regulated.
3. laser scattering, but it is difficult to reach the target depth (target 2mm), and the absorption of energy within the skin tissue can not be correctly predicted, often occur side effects such as hormonal disturbances.
- 4., heating through the epidermis, and a longer rest, and it is difficult to calm.
5. lattice laser a course of care time must be reached (3~5 times), while relative to laser RF-Needle is according to the circumstances may need (1~3 times) care。

Three、 Technical advantages

- 1、 A variety of treatment heads, according to different skin depth, choose different probes, can act on a variety of parts, Such as face, neck, chest, arm (butterfly sleeve), buttocks, legs, abdomen, etc.

2、 There are two modes of 4D: fast mode or slow mode;

3、 The 4D can be adjusted to make 1 to 12 lines, There are 300 points in 12 lines with a maximum energy area width of 11mm, and 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.

4、 HIFU has a certain selectivity, which can focus energy on specific areas, Such as: fat layer, fascia layer, dermis, epidermis layer; accurate operation does not damage the surrounding tissue, the energy skips over the epidermis during the treatment, the surface is non-invasive, and the safety performance is high; to ensure painless and comfortable for customers.

5、 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.

6、 No injection, no surgery, safe and non-invasive, does not affect normal life and work.

7、 The effect of tightening and shaping can be seen immediately after 4D treatment, which can last for at least 18-24 months at a time, and achieve negative growth for skin age once a year.

8、 The four technologies of Gold RF=insulating microcrystalline+ high temperature RF+vacuum adsorption + transdermal administration

9、 Four kinds of insulating head: 10p、 25p、 64p、 nano.

10、 Manual mode and auto mode, There is a negative pressure induction device to suck tight skin, and the needle can be automatically drawn out with high safety.

11 、 According to the skin thickness of each treatment site, Within this range(0.5-2.0-3.5mm), different treatment depths are adjusted, More accurate and effective treatment of different depth targeted tissue.

12、 Safer, More durable and faster.

13 、 Perfect spacing of Microcrystalline head, It makes the RF energy more consistent and balanced, and will not be interfered or overlapped due to the close distance between crystal heads.

14、 Needle body:0.22mm , The tip of the needle is thinner:0.1mm; The needle body is a specially treated insulating material, Needle body with insulator has no energy, Only the needle tip length of 0.3-0.5mm can release energy, This can concentrate energy on the subcutaneous target tissue, avoid burning skin pigmentation; basically no pain, no bleeding.

15、 There will be no scab, color sink and other adverse reactions after operation, the effect is perfect.

Four、 Therapeutic range

4D for--

1、 People with wrinkled skin: Smooth wrinkles, Reduce forehead lines, nasolabial folds, smile lines, fade neck lines, prevent neck aging.

2、 People with aging, flabby and drooping face: lift drooping tissue and tighten skin, restore skin elasticity and reshape young contour lines.

3、 People with jaw is loose, Masseter hypertrophy, double chins: lift and tighten the loose parts, Remove excess fat, thin masseter muscle, thin double chin, Reshape three-dimensional compact v-face.

4、 People with fat abdomen and arms, loose chest and buttocks, loose abdomen after postpartum and weight loss, and people with abnormal figure:It can dissolve fat, repair skin elasticity, eliminate redundant flesh, lift and tighten skin, beautify body, and reproduce perfect curve.

Gold RF for--

- 1、 Anti-wrinkles:Fine line, crow's feet wrinkles, forehead wrinkles,nasolabial folds,neck wrinkles etc;
- 2、 Facial rejuvenation,skin regeneration, improve skin quality, compact lifting;
- 3、 Postpartum repair:(abdomen) Stretch marks, (Buttocks&legs) Fat lines;
- 4、 Skin rejuvenation:It can improve the thick pores and darkskin, and make the skin white and red;
- 5、 Scar removal:acne scars,sunken scar,burn scar;
- 6、 Treatment of acne:The treatment of active acne is especially effective;
- 7、 Deodorization:Treatment of axillary osmidrosis and Axillary hyperhidrosis;
- 8、 Regular skin care and maintenance.

Five、 Function introduction of treatment head

Face probe	The depth and efficacy of treating skin
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.

4D standards 2 face probes: 3.0mm、4.5mm

it can be choosed the corresponding probe to treat the body parts according to the needs: Remarks: S:Standard; O:Optional



4D cartridges: 3.0mm(s) 4.5mm(s) 1.5mm(o) 6.0mm(o) 8.0mm(o) 10.0mm(o) 13.0mm(o) 16.0mm(o)

Four kinds of probes are provided as standard for gold RF (10p、25p、64p、nano)

Type of probe	Function
	<p>10p: It is suitable for dead corner and a striated stretch mark.</p>
	<p>25p: Apply to face.</p>
	<p>64p: Apply to the body.</p>
	<p>Nano: Import, lifting ,tightening.</p>
<p>Once crystal: first with saline before use: disinfection can place the probe in a small bowl, alcohol can not be more than the probe before operation, the probe must not the remaining water, to avoid any damage to the machine machine (such as two times of any problems had nothing to do with this company)</p>	

Six、 Installation

- 1: Insert the 4D handle line into the right socket of the machine and fix the screws;
- 2: insert the Gold RF handle line into the left socket of the machine; (align the hole and install the handle)
- 3: insert the power cord into the back power socket and connect the power supply line which is suitable for the voltage in the normal working range of the instrument.

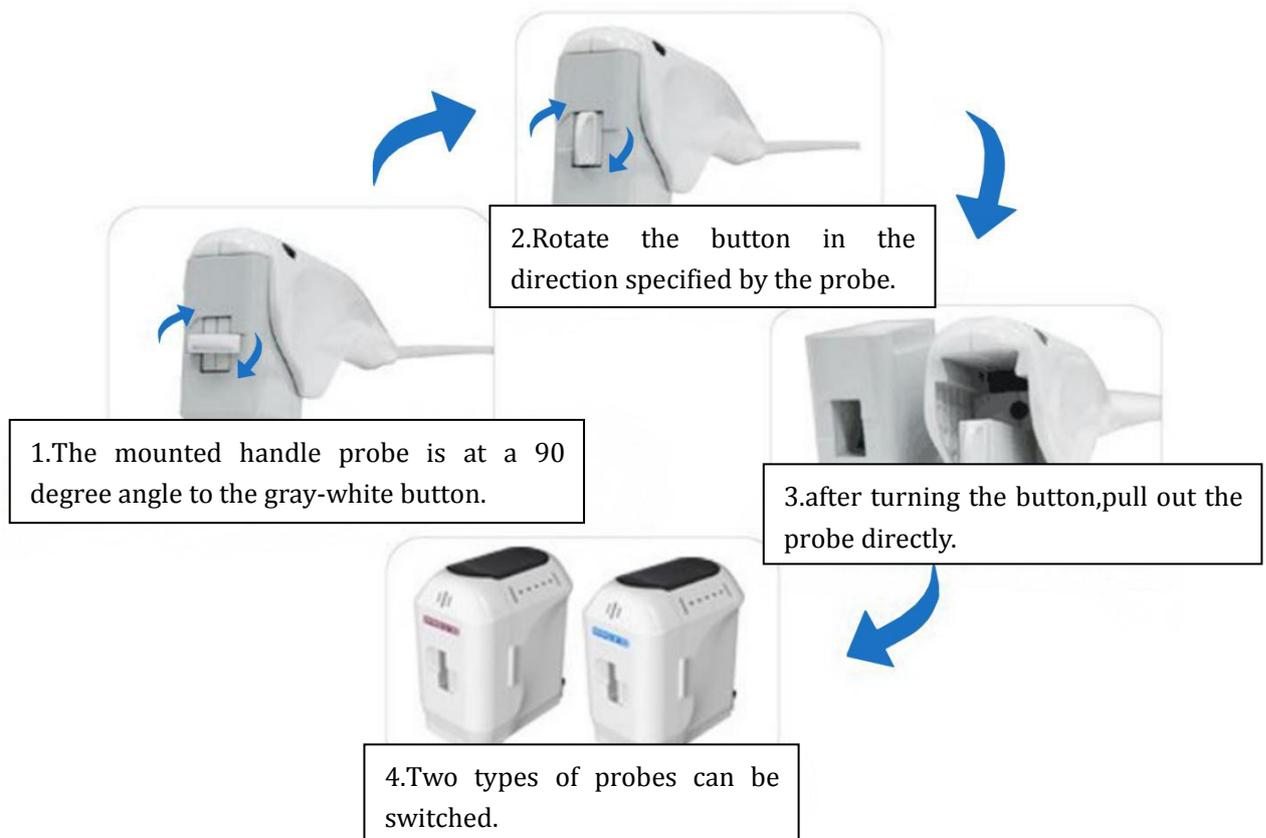


Front of the instrument

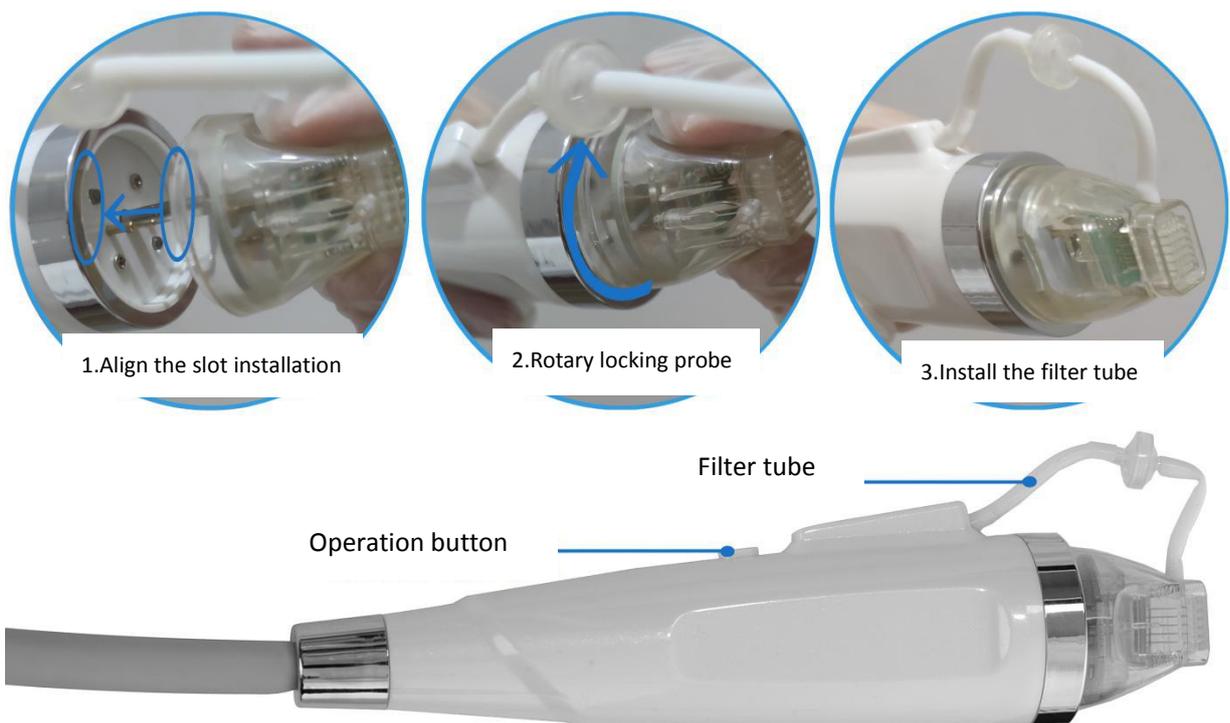


Back of the instrument

4、 The installation of 4D probe is shown as follows:



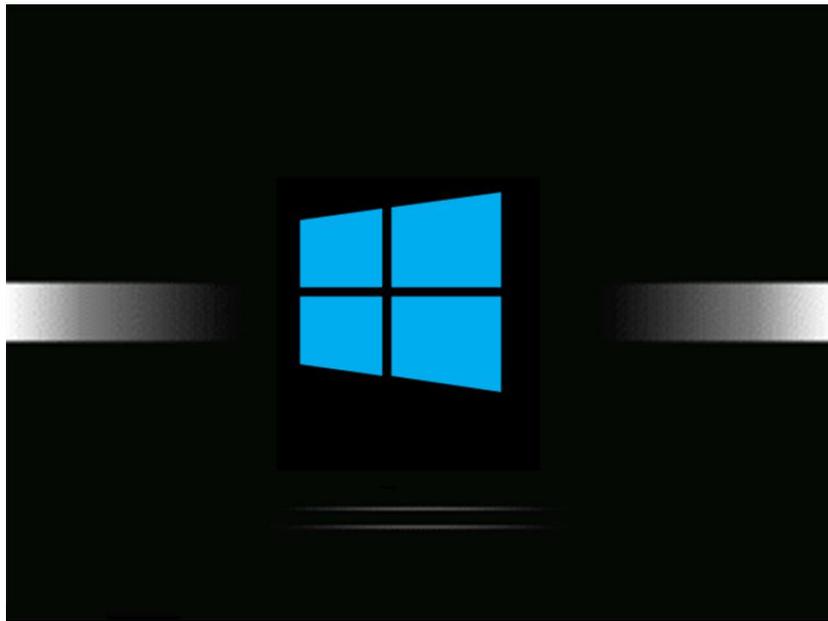
5、 The installation of Gold RF probe is shown as follows:



Seven、 Interface introduction

1、 Start-up

Please 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 as following picture.



2、 After clicking the boot interface, it automatically enters into the professional work interface as following picture

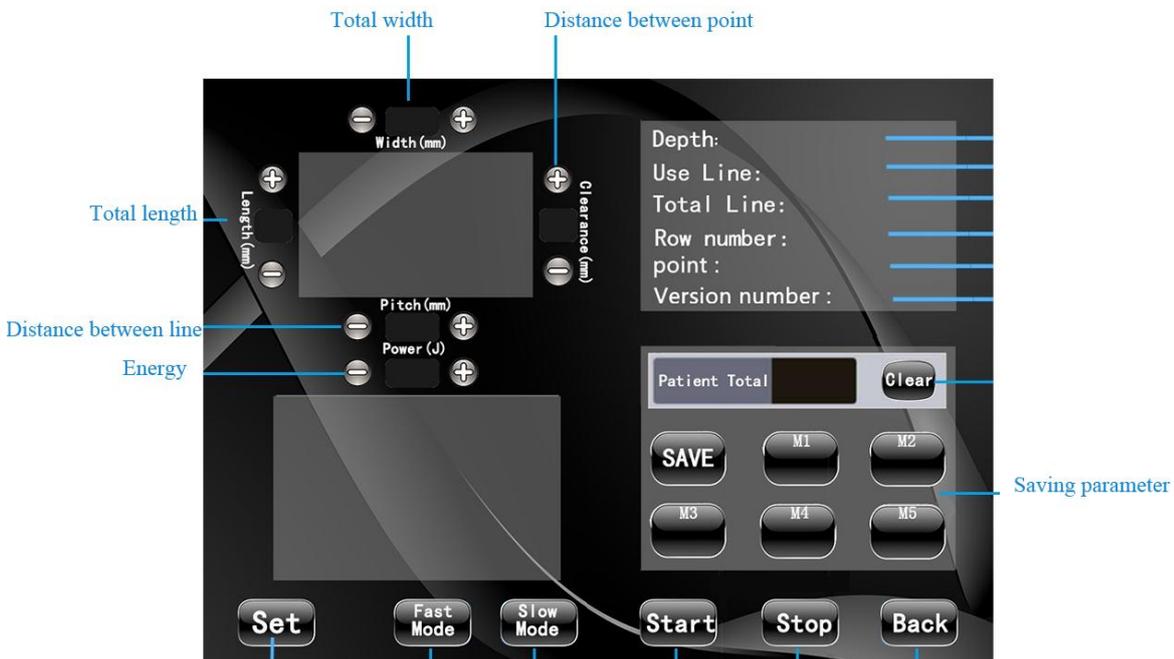
Click to enter the operational interface of 4D



Click to enter the operational interface of gold RF

3、 As following picture

Operation interface of 4D



4D functional 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 star 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;

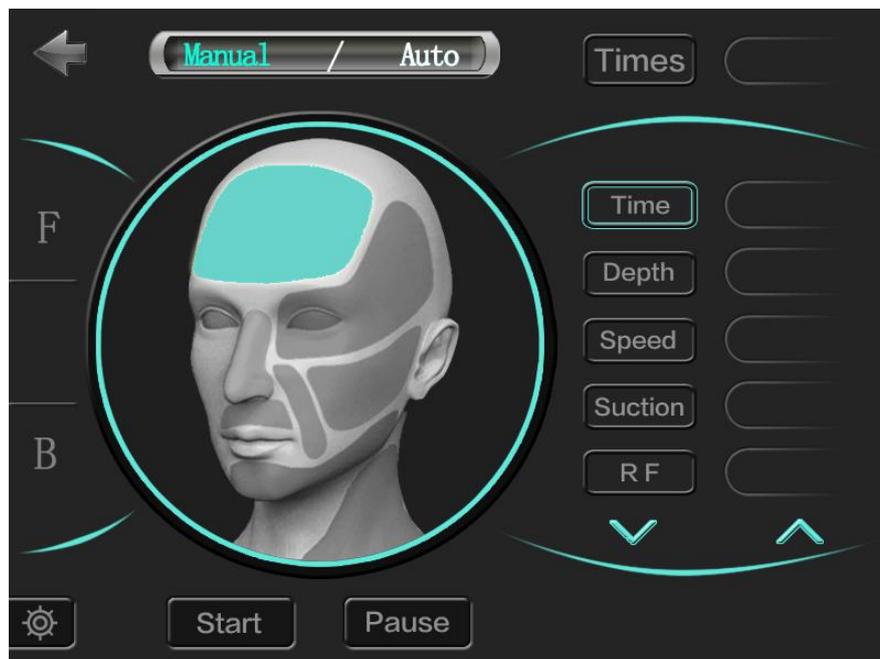
【Total Line】 :Total number of probes;

【Row number】 :Display energy rows (1-12 rows);

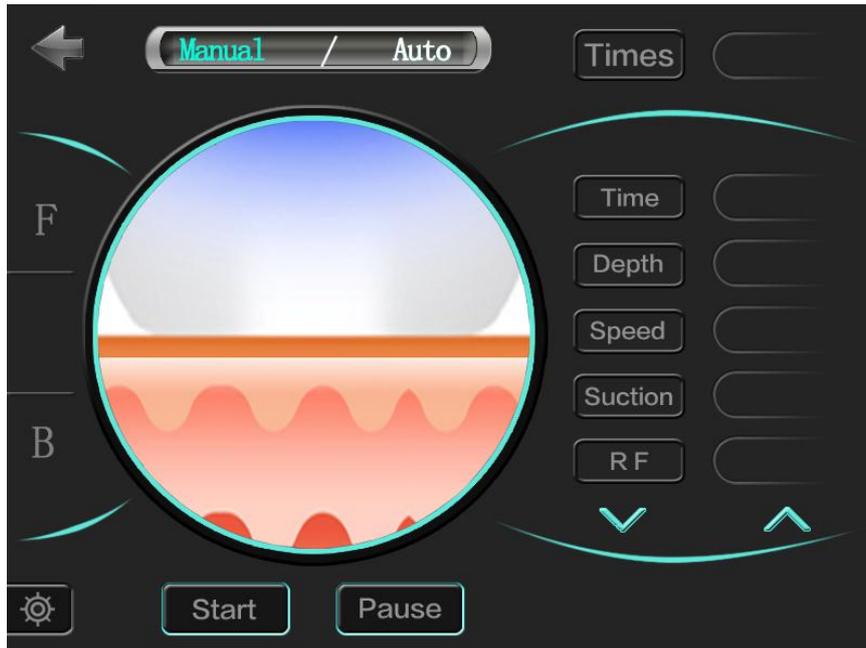
【Point】 :Display the number of energy points ;

【Version number】 :Version

4、 Gold RF: face (F) work interface (As following picture):



5、 Gold RF: body (B) work interface (As following picture):



Eight、 Use parameter reference

1、 The usage range of 4D each probe and the recommended operating parameters :

【Width】: 8-10mm

【Pitch】: 1.3-1.8mm

【Clearance】: 1.5- 2.0mm

Probe	Treatment parts	【Power(J)】
1.5mm	Neck / double chin / jaw / cheek / forehead	0.4J ~ 0.6J
3.0mm	Neck / double chin / jaw / cheek	0.6J ~ 0.8J
4.5mm	Neck / double chin / jaw / cheek	0.6J ~ 1.0J
6.0mm	Abdomen/Hands/Dorsum/Chest	0.8J ~ 1.0J
8.0mm	Abdomen/Hands/Dorsum/Chest	1.0J ~ 1.2J
10.0mm	Abdomen/Legs/Dorsum	1.0J ~ 1.2J
13.0mm	Abdomen/Legs/Buttocks	1.2J ~ 1.4J
16.0mm	Abdomen/Legs/Buttocks	1.2J ~ 1.4J

▲ The above is the recommended energy value for each part of each cartridge's operation. For shallower locations (such as forehead and crow's feet), the energy can

start from the lowest. It is better to adjust the energy from low to high to the range that the experiencer can bear. (If the guest can still afford it, it can be adjusted accordingly, so that the guest is suitable for non-tingling)

2、 The parameters of gold radiofrequency treatment parts are as follows:

Treatment parts	Depth	Speed, that is energy output time	Suction	RF power
Forehead	0.5-1.0mm	0.2-0.3	1-2	60-110W
Face	1.0-1.5mm	0.2-0.3	1-2	60-100W
Periocular	0.5-1.0mm	0.2-0.3	1-2	60-100W
Chin	0.5-1.2mm	0.2-0.3	1-2	60-100W
Nose	0.5-1.0mm	0.2-0.3	1-2	60-100W
Neck	1.0-1.5mm	0.2-0.3	1-2	60-100W
Acne scar	1.0-2.0mm	0.2-0.3	1-2	60-100W
Scars	1.0-2.0mm	0.2-0.3	1-2	60-120W
Abdomen	1.0-3.0mm	0.2-0.3	0-1	60-120W

Nine、 Use steps and precautions

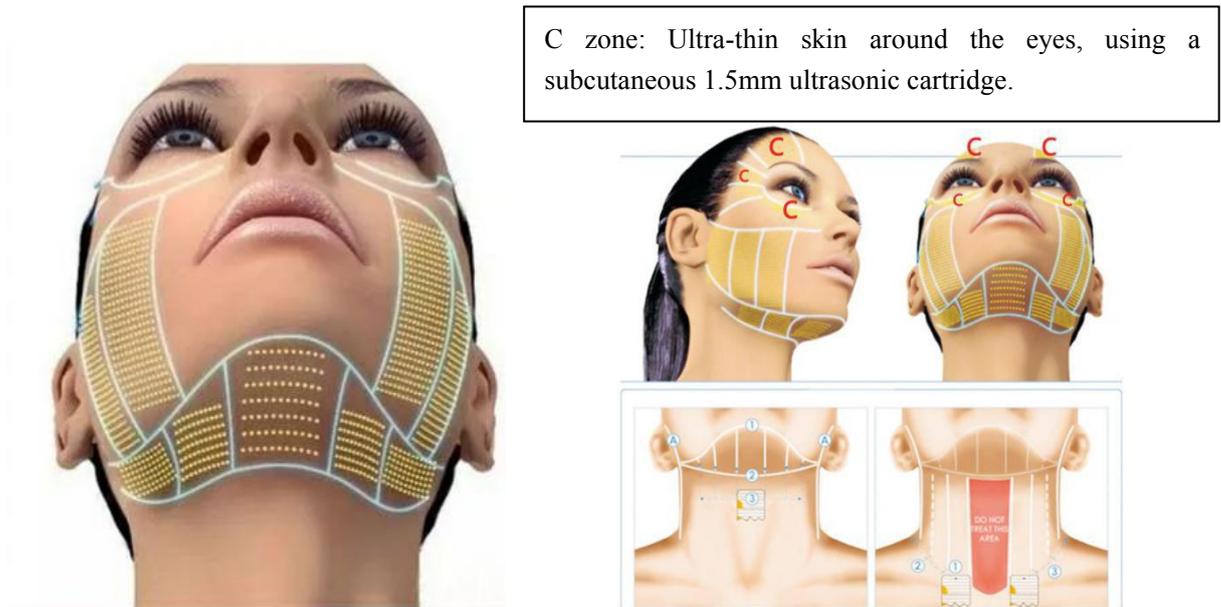
1、 4D operation steps as follow:

- (1)Please take down all metal objects before treatment
- (2)Cleaning the face → Apply the product gel evenly to the area to be treated before the instrument is operated.
- (3)Face: First operate the 4.5mm cartridge, then operate the 3.0mm cartridge (synchronized 4.5 cartridge operated position), and finally operate the 1.5mm cartridge.(therefore, the operation of cartridge is from deep to shallow).

(4) Before the operation of the instrument, replace the required therapeutic head, and the energy is adjusted from low to high to the extent that the experience can withstand.

(5) Operational steps of 4D instrument, operate the position of the line (as shown below pictures).

--4D whole facial operation: the depth of each cartridge is 200-250 rounds;



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

The thyroid area around the neck cannot be operated; When treating the body, the places of the nerves and blood vessels pass through, please do not operate. The position of cesarean scar must be avoided.

(6) The therapeutic head should be kept flat on the skin, and the operation spacing should be arranged closely during the operation.

(7) During the operation, the experiencer should be constantly asked about the comfort level and the adjustment of energy level, so as to ensure that the experiencer can receive the experience in a pleasant state.

(8) Repeated intensive treatment at the problem site (2-3 times).

(9) Please make sure the skin is moist during operation. If the medium is dry during operation, please reapply the gel.

(10) Such as: teeth or parts around the teeth, implant teeth, there may be a cold toothache. This can be done by inhaling to make the mouth bulge up or wrapping the teeth with gauze.

(11) After operation, the face will be slightly red and feel hot, which is a normal phenomenon, and the face will be relatively dry.

(12) After the operation, clean off the gel and make a moisturizing mask for the customer.

(13) Once every 2-3 months, Problematic skin: 3 times a course of treatment, Severe skin: 5 times a course of treatment

(14) **Precautions** for 4D:

-After 4D treatment, please do not eat spicy food, and do not wash your face with overhoted or too cold water within a week.

-Do not high temperature yoga, sauna, steaming face and facial massage (to avoid facial extrusion).

-For 1 weeks, apply the mask to replenish the water every day, and pay attention to sunscreen.

-Do not use radiofrequency or optical instruments for treatment within 1 month.

-Injection of hyaluronic acid needs to wait for half a year before 4D treatment.

-It's forbidden to operate without gel medium. It's better to use the medium with a certain viscosity, which is conducive to the better fusion of ultrasound and skin, and to prevent the gap from causing reflection, which is not conducive to the better conduction of sound.

-Do not repeat too much for each treatment area, no more than 2 times to avoid skin redness and swelling.

-The degree of cartridge heat does not represent the size of the ultrasonic power output; small concentrations of liquids or drugs should not penetrate directly, otherwise it will easily cause dry skin.

2、Gold RF operation steps as follow:

(1)Cleansing - before cleansing, cleanse the skin and deep cleanse.

(2)To promote circulation of nursing Ma parts of the painting paste, and plastic film and improve sisal paste effect. (about 20 minutes)

(3)Before operation-The repair products were applied to the nursing area for operation.

(4)Gold RF microcrystalline care - operation time according to different parts, but generally require 15 to 20 minutes, the operation only needs to go **1-2 times**.

Remember not to repeat it many times, which will affect the scab shedding time.

(5)Sedative care - apply a mask or cold mask for sedation.

(6)Repair nursing: after care, 24 hours of care parts do not touch the water.

(7)Nursing time: **3 to 4 weeks**, once the scab care, a course of treatment **3 to 5 times**, 1 times a month.

(8)The following conditions may occur after treatment:

-Redness, swelling, fever,Apply cold compress to calm skin。

-1 days later: fever, redness, and according to the constitution, there is a slight swelling.

-2 to 3 days later: skin, erythema, or pox.

-3 to 4 days later: peeling and shedding naturally.

(9) **The notes** of Gold RF:

- After nursing, do not touch the nursing area with your hands to avoid bacterial infection. Try not to wash your face on the same day, If necessary, clean with normal saline, and use disposable towel to absorb water.
- After the care, in order to repair the skin, and sooner or later apply moisturizing and repair products.
- After the scab, and need to fall off naturally, hand off to avoid;
- Sunscreen should be applied to avoid UV light;
- Avoid strenuous exercise, swimming, sauna and so on for a short time;
- Alcohol is prohibited for a short period of time. Alcohol can cause redness to last for a long time and is not conducive to repair. Therefore, it is forbidden;
- Avoid sauna, face steaming, hot spring bathing or high Hot bath within 1 week after nursing; do not exercise violently;
- Avoid spicy and irritating food. Do not drink during the course of treatment. Do not eat food with strong pigment;
- After 1 week of care can not use containing fruit acid, A acid, salicylic acid, exfoliation and other stimulating ingredients of maintenance products;
- Do not use radiofrequency or optical instruments for treatment within 1 month.

Ten、Taboo crowd

1、The contraindications of 4D multi row are as follows:

(1) Menstrual period, pregnant women or pregnant planners within a month should be cautious;

(2)The position of prosthesis should be avoided,Such as silica gel, not suitable for treatment;

(3)Cesarean scar location must avoid this part of the treatment;

(4) Injection of hyaluronic acid needs to wait for half a year before ultrasound treatment;

(5)Those patients should be used cautiously who has history of incomplete wound healing liver,or close to the treatment site where there is a large metal;

(6) Those patients should be used cautiously who has diabetes, hypertension, hyperthyroidism, asthma, heart disease, kidney disease, heart rhythm, implantable cardiac defibrillator, or other electromagnetic implantable medical devices, etc.

(7) Those patients should be used cautiously who with malignant tumors, hemophilia or severe bleeding, serious diseases, skin diseases and infectious diseases;

2、Gold radio frequency microcrystal contraindication:

(1)Skin infection or skin diseases (except acne);

(2)hemorrhagic diseases, taking anti clotting drugs,;

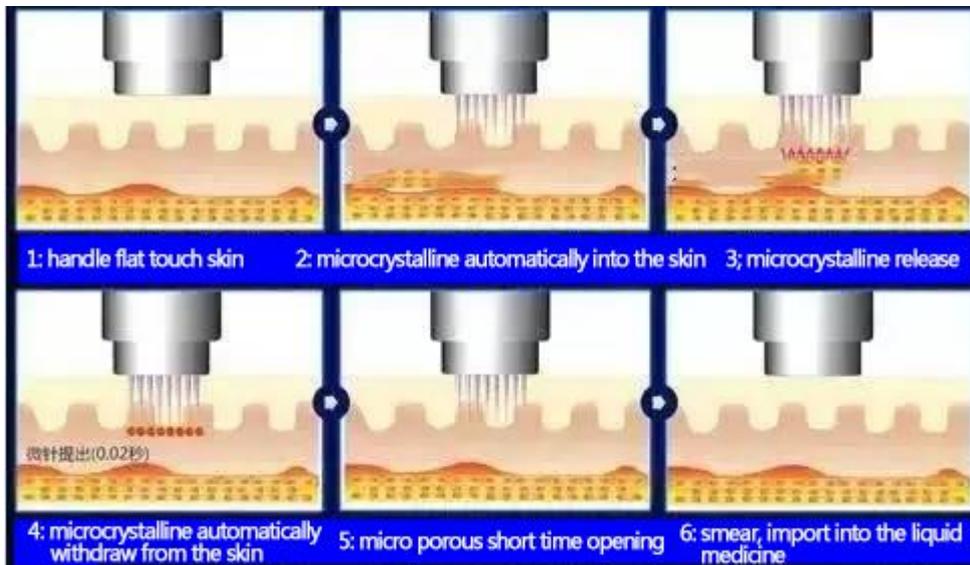
(3)pregnancy, physical scars;

(4)wearing a pacemaker (heart rate devices and other electronic equipment, the body)

(5)metal stent implants, skin malignant tumor, no treatment recommendations.

Eleven、 common problem

How does the gold microcrystal work?



Part1

Lattice physical microcrystal——Firming lifting: break through the skin barrier, and target the deep layer accurately.

Part2

High energy constant RF——Full and wrinkle free: radio frequency energy stimulates the synthesis of collagen, elastin, and hyaluronic acid, and the skin becomes Fuller, hydrated, Q, and free of wrinkles.

Part3

Transdermal delivery——Bright, white, transparent, tender and tender: along the channels created by microcrystalline, personalized therapy, drug introduction, the effect is better.

Why is gold microcrystal so popular

Reason one:

New treatments double effect

RF technology, firming microdermabrasion technology, break through the traditional single treatment, the dermis directly emit RF energy at the same time, according to the different degree of adjustment of microcrystalline penetration depth and the size of RF energy, double effect.

Reason two :

Not scab, colorless, sink, perfect effect

Gold microcrystalline using unique design of insulating microcrystalline, to avoid stimulating the epidermis, the crystal tip to the treatment depth, release energy, no thermal damage to epidermal tissue, postoperative will not appear scab, color and other adverse reactions, the effect is perfect.

Reason three:

The curative effect is remarkable and the effect is maintained for 3~6 years

The precise role of different depth of target tissue, real-time monitoring and intelligent impedance, crystal of wrinkles, relaxation, acne, scars and other symptoms, personalized settings, make the skin rapid repair to the young and healthy state, the longer the better, a treatment lasts for 3-6 years.

Is gold RF microcrystals safe?

Gold microcrystalline has minimal trauma and no pain during treatment, It uses specially designed gold microcrystals to quickly insert into the skin, In the case of ensuring safety, the energy emitted from the crystal tip acts on the target tissue accurately, which produces a strong thermal effect, and acts on the dermis, without harm to human body.

How does gold radiofrequency cooperate with 4D treatment?

The interval between gold radiofrequency therapy and 4D treatment is one month. If one month after 4D treatment, gold radiofrequency therapy can be carried out. With 4D, high-end anti-aging projects can be formulated.

What are the main functions of gold RF and 4D?

Gold RF is to make the face younger and more beautiful, 4D is to improve the facial contour, solve the problem of facial skin relaxation and sagging, local fat accumulation, postpartum abdominal relaxation, etc.

Summary: For scars, inflammatory acne, large pores, pregnancy marks, etc, You can choose gold RF, Remove scars, pregnancy marks, shrink pores, skin regeneration, improve skin quality, tighten and effectively remove wrinkles. Gold RF microcrystals are available, But for deeper tightening, 4D will be better. 4D is the best choice for deep skin firming and anti-aging, facial contour building and body shaping, For facial aging, relaxation, sagging, body loss, local fat accumulation, etc.

Twelve、 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、 Don't place in a humid place or near a water source, and do not expose the instrument directly to the sun.
- 6、 Don't 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、 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.
- 9、 Using instruments or training instrument operators in strict accordance with instructions in the use manual.

Thirteen、 Effect comparison chart





Before



After



Before



After



Before



After



Before



After



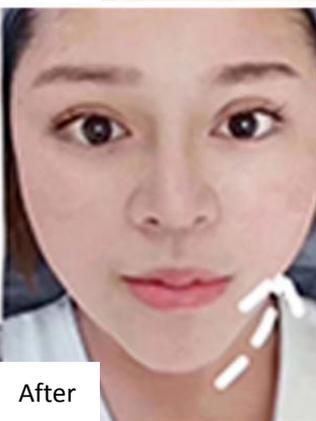
Before



After



Before



After



Before



After



Fourteen、 Technical parameters and package size

Product name	TWO IN ONE (4D+RF)
Output frequency	1MHz-7MHz
output power	10-200W
input voltage	AC 110V-220V 50Hz/60Hz
Fuse	5A
Specification of air case	20×41×59cm
weight	About 11.5kg(Base not included)

Warranty

parts	Free warranty for half a year
main machine	One year free warranty