Dear users, Thank you for purchasing this product!

To ensure best performance and safety, please read the manual carefully before use.

The instruction manual must be kept for future reference.
I Instrument Overview

Into the 21st century, the medical profession is facing a new problem: how to deliver the drug to the correct treatment site, so that efficacy can be maximized. Beauty industry is also facing the same problem, why some known as high-tech nano-technology, raw materials and first-class beauty and expensive cream, cosmetic cream applied, the effect is not expected so obvious? So in recent years the medical profession on percutaneous administration, transdermal absorption, sustained release and other academic research unprecedented active. Scientific research found that the skin layers have their own unique structure, the mesoderm is located between the epidermis and dermis, it’s the key of skin absorption of external beauty products and effective ingredients. The epidermis is the iron wall of human skin, most cosmetic topical is difficult to penetrate the skin deep skin because of the molecular structure, so the effect is not significant. No matter how good the product composition, how much the skin in the end can absorb is the key. How to solve the skin absorption into a number of beauty industry to whom the direction of efforts.

After 20 years of age, the skin collagen reduction of 1% per year! Collagen cells decrease cause skin aging, such as facial wrinkles, eye crow’s feet, neck and body skin loose collapse, sagging and so on. Aging to deal with the above problems, through plastic to solve. With the ever-changing technology, Dr. Johannes who from Germany successfully developed TDA skin non-invasive vanadium-titanium microcrystalline hollow penetrating technology and apply to the medical through clinical in 2015! A minimally invasive, non-surgical micro-needle crystal light treatment, just 40 minutes, you can easily to get the purpose of the skin smooth and delicate, you can work and makeup as usual, the treatment effect is extremely significant, This cross-era technology called "Mesotherapy."

II. the principle and effectiveness of the instrument

Principle

The use of aviation specialist material technology, the use of magnetic energy rotation high-pressure jet principle, with high-speed operation to promote products, the product by ultra-fine, ultra-high-speed, straight-line way, on the basis of without harming the epidermal cells direct injection into the skin basal layer of about 0.1mm -0.15 mm. Truly no pain, comfortable painless, avoiding injection of pain and edema, it’s a true injection can replace the non-invasive injection of new multi-functional needle-free water light. Using a unique 25-pin hollow needle, combined with vanadium-titanium hollow technology, each point with the average coverage, from the traditional point filling to the face filling is a new breakthrough, but also according to the customer different skin condition and need, with hyaluronic acid, collagen, botulinum toxin, PRP autologous cells and other diversified products Tailor-made different courses.

Characteristics of Vanadium Titanium Metal

Perfectly match product: It has high strength, corrosion resistance, non-magnetic, low resistance, high and low temperature performance, good biocompatibility, with superconductivity, shape memory and hydrogen storage characteristics. It appear different. is by virtue of these characteristics in many fields

Completely close to the skin, without any side effects, no metal residues: It is a metal that has no effect on the human skin plant nerve and nerves. It is called "Pro biological skin metal" vanadium titanium microcrystalline hollow filter. In the pharmaceutical industry is particularly suitable for large infusion and injection line in the decarbonization filter. It has light weight, high temperature, high pressure, strong acid, strong alkali, corrosion resistance, filter cartridge can be used repeatedly renewable characteristics.

Extreme hollow jet: The vanadium titanium metal will enable the processing of "empty" closer to the nano level hollow wall smooth micro jet is not linked to a higher rate, stronger penetrability, can achieve non-invasive injection. It can play a role in soothing the skin in the injection process, to prevent allergy, anti red can play a role of continued support, finally achieve the goal of easing injection, friendly injection.
Handle exclusive design positioning roller

When beautician operating without lifting the suspension, automatically fit the skin around; According to the facial arc intelligent steering fit, doesn’t appear over the skin; Drive the skin to walk up intelligently, promote flat rolled the deepest folds

Perfect Effect

1. **Supplement moisture**: Can effectively complement the cheeks, lips, neck, chest, back and other necessary water;

2. **Remove toxins**: Effective for freckles, dark circles, acne, pores shrink, improve skin inflammation;

3. **Long whitening**: Stem cells, vitamin C can maintain long-term skin white and tender;

4. **Lifting compact**: Significantly improved the eyes wrinkle, lift sagging face and neck.

5. **One injection equivalent to do 8000 times the skin care**.

### III. Products that can be used on the machine

- Needle free mesotherapy machine is use hyaluronic acid directly inject on the skin, after hyaluronic acid injection can instantly add 200 to 300 times water to the injection site, the real solution to the dermis layer of the lack of water, smooth skin wrinkles, make the skin showing Hydra soft and translucent.

- Mainly contains 6 major cosmetic composition: Small molecule BOTOX, HA concentrated hyaluronic acid, Plant essence, collagen protein, Stem-cell, Vitamin C. And because of the high moisture content of hyaluronic acid, for whitening moisturizing, improve skin dull, relieve wrinkles, acne, restore skin elasticity has obvious effect, postoperative skin cosmetic effect is obvious.

### IV. The operate menu
V. Machine spare part

Vanadium titanium microcrystalline (hollow) water light handle

Disposable vanadium and titanium microcrystalline (hollow) water care package
VI. Instrument installation diagram

(1) First step: Start Blue Arrow (START) Touch-tone, Press the green arrow again (RETREAT), let the Needle propeller home to the maximum range.

Second step: Loosen the needle clamp, placing the needle tube into dotted area.
(2). Let the needle buckle into the slot of the link lever and let the needle connection tube into needle tube head.
(3) Fourth step: Put the needle cover in to the needle support track and at the same time put the needle in;

(4) Fifth step: Lock the needle holder and press the blue arrow button (ADVANCE), push the pusher to the best needle tube contact surface;
VII. Instrument operation steps

Preparation and preoperative

The first step: ask the guests to fully take up remover, and to ensure that the face has been cleaned;

The second step: determine the location of treatment, the treatment of photographs taken before treatment;

The third step: to ensure that guests have removed all metal items, there is no direct contact with the guests of the metal;

The fourth step: saline disinfection operation parts and the hand of the beautician;

The fifth step: Beautician operation must wear masks, disposable gloves, hair tied up before the operation;

The sixth step: to prepare special light guide products;

Seventh step: before the operation use the replenishment mask;

The eighth step: the physiological saline disinfection facial treatment area (which part of the operation which is the site of disinfection)

Note: needle for disposable products, can not be reused.

The operation technique

First to install the needle and injection products based on the handle diagram, ask the guest skin type when operation, and observe the skin thickness and the bearing capacity of the customer to adjust the length of the needle, the needle must face vertical 90 degrees and the customer operation can be performed;

The operation of operating practices to the division of the region, the operation to take short-term operation, maintain the best length of each line 5cm, to avoid missing the operation site, operation on a line slightly overlapping lines 20%, the individual needs of facial parts (nasolabial folds, lips, ears, lower edge etc.) can enhance the number of operations don’t, manipulation of top dead skin so as to avoid the gravity pressure needle not easy to scratch the skin, the skin can be attached to the needle light push back the whole face; normal use product 8-20 ml between products, operation 3 times, the product after the end of operation, at the same time, the needle will stop operation, and then click the button to play the needle handle no, the complete absorption of products all absorbed, operating time is 40-60 minutes.

(operating manual wiring diagram)
Precautions for operation

- Do not press the needle when the operation is too tight skin, so as to avoid slide when the inconsistencies lead to scratches;

- Face of guests, the needle must be wiped and disinfected with saline, can not use alcohol disinfection and hydrogen peroxide, to avoid some customers allergic to such disinfectants;

- Operation time is normally half a face 15-20 minutes, the whole face about 30-40 minutes, strengthen operate is 40-60 minutes.

- The normal treating time for half face is about 15-20mins, the whole face is 30-40mins. In order to strengthen you can take 40-60mins. But if the patient has thin or allergic skin please reduce the treating time accordingly;

- If there is redness during or after the treatment, or patients may feel heat after the treatment in the deep layer skin, which are the normal phenomenon, and usually they will disappear after applying mask;

- Treatment should be carried out under the guidance of professionals.
Deep Layer effect diagram.

The dry skin and lack of water, easily show wrinkles and stains. After injection, dermal layer is full of water. After one week, the overall conditions was improved obviously.

Facial treatment effect diagram.
Treatment setting:
The treatment times: generally around 6 times, depending on the degree of skin aging can increase the treating times.
Interval: 15 days

VIII. The postoperative daily maintenance

1. In order to get the good treatment result, if necessary, after treatment the clinician may give some suggestions for further procedures (such as facial mask, beauty care, cleaning, etc.) So please consult before collocation with other treatment details.
2. After treatment please ice the treating area.
3. After treatment, please make sure of the treating area is clean, and do not over-massage kneading, and please also avoid high temperature humid environment, besides, it can not be a long exposure to the sunlight.
4. Two days after treatment, the treating area should be gently cleaned to avoid rubbing vigorously.
5. Please do not use the ointment, skin care products or cosmetics to wipe the treatment area after surgery, and do not touch the treatment area by hand.
6. Please avoid sauna or vigorous exercise within 5 days after surgery.

IX: Important safety precautions:

1. This equipment is professionally used in the beauty salon spa, not suitable for home use or personal use. The operator should be the professional beautician, or maybe cause the unnecessary injury by Non-professional operator.
2. Pls don’t disassemble the equipment or make other operation which this instructions doesn’t mentioned. All the maintenance should be made by the professional staff who is allowed by the company.
3. Pls don’t nearby the water, install or operate the equipment when the handles are wet, and make sure the there is no any liquid Splashing on it.
4. Pls cut off the power and contact the engineer if the following siutations happens.
   1) Liquid splash on the equipment, rain or water.
   2) Terrible smell, smoke, unnormal noise come out from the device.
   3) Powers wires damage.
   4) Device fall off or shell is broken.
5. Pls don’t put any thing on the wires, and put the wires in convenient places.
6. Pls Unplug the power cord, cut off the wires after treatment to make sure the safety.
7. Don’t put any thing into the equipment head in case of causing fire or electric shock; If anything fall off into the equipment and can’t be taken out by yourself, pls cut off the power and contact with agent or our company.
8. Pls don’t put the device on any instable trolley in case of any damage.

9. To ensure the longer use time, the interval time of open and close switch must be more than 60s.

10. Pls use the power matching with the machine ruled, or it can’t work normally, even to break down.

11. Pls contact factory or agent to avoid danger if the power cable is broken.

12. Our company has the right to revise the info provided without notice.

The company reserves the final explanation of the above information.

Instruction manual of Microcrystal mesotherapy beauty device