



User manual

808 semiconductor laser hair removal
machine

— table of Contents

| | |
|--|----|
| COPYRIGHT INFORMATION | 1 |
| LIMITED LIABILITY GUARANTEE | 1 |
| SYSTEM OVERVIEW | 5 |
| ADVANTAGES OF 808 SEMICONDUCTOR LASER HAIR REMOVAL MACHINE | 5 |
| APPLICATION: | 5 |
| SPECIFICATION | 6 |
| MOTOR CLASSIFICATION | 7 |
| OPERATIONAL REQUIREMENTS | 7 |
| OPTICAL SECURITY | 7 |
| ELECTRICAL AND MECHANICAL SAFETY | 8 |
| SPECIAL BUTTONS OF THE SYSTEM | 8 |
| PATIENT SAFETY | 9 |
| FIRE SAFETY | 9 |
| CONNECTION AND PREPARATION | 9 |
| SYSTEM PACKING LIST | 11 |
| ENVIRONMENTAL AND INPUT POWER REQUIREMENTS | 12 |
| MOBILE DEVICES | 12 |
| ON / OFF | 13 |
| MACHINE SWITCH | 13 |
| MENU SELECTION | 13 |
| CONTRAINDICATIONS: | 19 |
| TREATMENT PARAMETERS | 20 |
| POST-TREATMENT MATTERS: | 20 |
| MACHINE CLEANING | 22 |
| LABEL | 25 |

Copyright Information

It is forbidden to copy in any way any content in the manual without obtaining the written consent of the company, and it is forbidden to pass it to others in electronic, photocopy or printed form.

Limited liability guarantee

The company guarantees free repair of products lacking in craftsmanship during the

warranty period. During the warranty period, the company or its authorized personnel will be responsible for repairs and replacement of any products found to be problematic after inspection.

However, the warranty does not cover the following situations:

(a) Accidents caused by improper use or improper handling without following the operating instructions

(b) The machine has been repaired or improved by a person not authorized by the company.

Machines returned for repair must have proof of purchase and detailed problem descriptions.

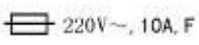
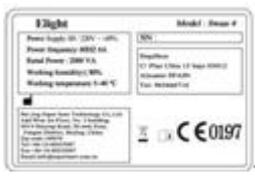
12 months warranty

The machine is guaranteed within 12 months from the date of shipment. The circuit board, touch screen, and related accessories are all covered by the warranty, but consumable items such as cooling water filters and fuses are not covered by the warranty.

If you use components that are not manufactured by us or are repaired by non-our employees, it is not covered by our warranty. In addition, if you use inappropriate materials or improper repairs, it may affect the performance of the machine and violate medical equipment. Management regulations. Please contact us in time for related issues during use.

Logo

| Logo | Description | position |
|------|-------------|----------|
|------|-------------|----------|

| | | |
|---|---|---------------------------------|
|  | Read the instructions carefully before operation | Near emergency stop |
|  | High voltage danger sign, only professional personnel allowed | Inside the machine |
|  | manufacturer | Nameplate |
|  | Electric shock protection type: Class I type B applied part | Near the application section |
|  | Laser products warning | Product shell |
|  | Laser products warning | Product shell |
|  | Chain warning | Back of machine |
|  | Laser radiation port | Near hand tools |
|  | Insurance | Back of machine |
|  | ce logo | Product nameplate |
|  | Power-on logo | Internal circuit of the machine |

Precautions

1 Read the manual carefully before operation to understand the safety requirements

and operation process

2 Read before operating the machine  Chapters under the logo

3 If it is not used or commissioned in accordance with the instructions, harmful radiation may be generated.

4 Guidance and manufacturer's declaration: electromagnetic radiation and immunity to electromagnetic interference

I. Introduction

System Overview

Semiconductor laser hair removal technology is the gold standard in laser hair removal. It has a longer wavelength than the ruby laser (wavelength 694nm) and emerald laser (755nm), but shorter than long pulses (wavelength 1064nm). It can penetrate deeper into the skin than short wavelength And it is safer because it can better prevent pigmentation on the skin surface. The wavelength of the semiconductor laser can reach the hair follicles and does not damage the skin surface like ruby and amethyst. This makes the semiconductor laser can be used to treat darker Skin.

The 808 semiconductor laser hair removal machine uses the latest painless hair removal technology, which can reach a frequency of 10hz, which is used to treat various skins and is painless.

Advantages of 808 semiconductor laser hair removal machine

a painless and comfortable

Continue to move the hand gear during treatment so that the temperature rises slowly, the energy transfer is uniform and the patient feels comfortable.

b, applied to various skin types

Its average power is high, but its energy density is low and its frequency is high, so it can be safely applied to hair removal treatment of various types of skin.

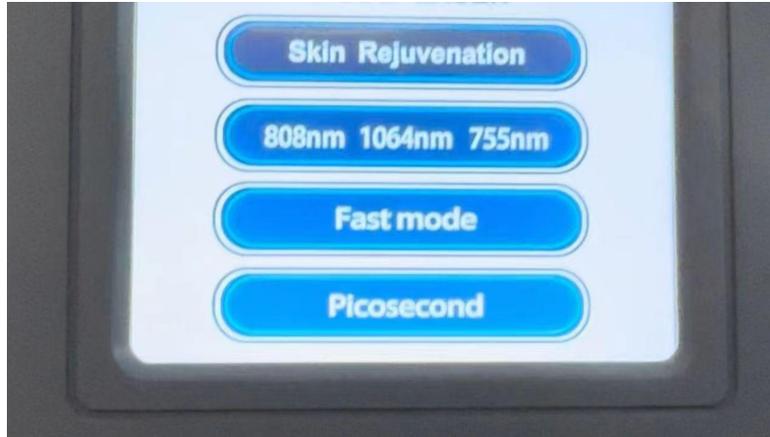
c. Short treatment time: only 15-20 minutes to treat the back and legs

Application:

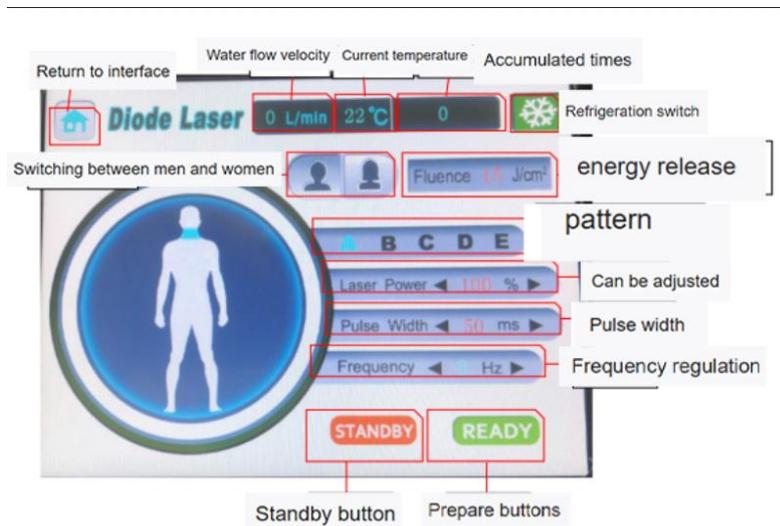
Hair removal: armpits, limbs, back chest, bikini line, face, upper lip and chin

Specification

- Laser type: semiconductor laser
- Wavelength: 755nm、808nm、1064nm



- Repetition frequency: 1-10Hz
- Pulse width: 10-400ms
- Laser energy (max): 128J
- Cooling: 1—4



- Power: 220VAC/110VAC, 16A max, 50 / 60Hz
- Dimension (length x width x height): 600X460X510 (mm)
- Weight: 24 kg

Second, security

Motor classification

Protection against electric shock: type i, type b

Protection against liquids: ordinary equipment

Not suitable for environments with flammable objects

Operation mode: intermittent and continuous

Operational requirements

- You must read this manual carefully before operating the system to familiarize yourself with all the safety requirements and operating procedures.
- The operation must be performed according to regulations:
 - Familiar with the operation process
 - Have proper control procedures and understand warning signs
 - Understanding incident reports
 - Understanding the biological response to laser damage
- When the machine is not in use, it must be powered off. Remove the key after the operation is completed, and keep the key in a safe place to prohibit non-operators from using the machine.
- The absorption of energy increases the temperature of the material, so do not work in an environment with flammable objects
- Keep the machine surface clean and properly clean the machine before operation
- If cleaning or disinfecting with alcohol, make sure to air dry before operation



Optical security

- This system is the first category of laser products, which is marked on the handpiece laser radiation port.
- During the operation of the device, the operator should wear protective

glasses and the patient should be protected.

- Do not look directly into the laser emission port, even when wearing protective glasses.
- Excessive laser energy can cause thermal damage to the treated skin, so operate the device exactly as described.
- Ensure that all trained personnel are familiar with the equipment controls and how to shut down the equipment in a timely manner.
- When not using the device, ensure that the hand tool is always on the hook of the device. When using the device for treatment, let the handpiece laser exit point directly at the treatment site.



Electrical and mechanical safety

- Turn off the device and disconnect it from the power supply when performing repairs.
- The weight of this device is about 30kg, it is best not to move frequently.
- This equipment is connected to the earth through the ground wire in the power cord. This grounding device is necessary for safe operation.
- High voltage is generated inside this device. Even if the power is turned off, electricity is still present on some parts. Therefore, please cover all cases. Except the manufacturer and its authorized service personnel, no one should open the case, otherwise It may cause electric shock.

Special buttons of the system

- The key of this device can be turned on, and it can only be removed when the key switch is turned off.
- No matter what state the machine is in, only the red emergency stop switch is pressed, and the machine will immediately shut down.

-
- The interlock switch must be connected to the machine, otherwise the system cannot work normally.

Patient safety

To ensure the safety of patients, well-trained personnel should have a comprehensive understanding of the patient's medical history before treatment, and sign a treatment agreement with the patient to inform them of the possible results and dangers during the treatment process.

Fire Safety

- The absorption of light energy will increase the temperature of the absorbing substance. Do not use the device in the environment of flammable substances.
- Keep the surface of the equipment clean and it can be cleaned with a suitable cleaner before operation.
- If using alcohol for cleaning and disinfection, always operate the device when it is completely dry

Third, the system installation

Connection and preparation

positive

The device is suitable for installation and use in clinics and other environments.

Customers follow the steps to complete the installation:

- Unpack the device
- Inspect the equipment and all accessories for damage
- Add distilled water from the water injection port. For details, please refer to

the tutorial of adding water.

- Ask a professional to connect the chain if necessary
- Insert the handpiece correctly
- Insert key switch
- Plug the power cord into the appropriate power outlet
- Check all connections to ensure proper connection

System packing list

This equipment includes the following:

- Host one
- Laser glasses
- Blindfold
- European standard power cord
- A chain switch
- A handle
- Two keys
- A funnel water pipe (watering tool)

Environmental and input power requirements

This equipment requires the following environments:

- Input voltage: 110V, 60Hz
- Corrosive substances can damage electrical components, so use the equipment in a non-corrosive environment

-
- Metal dust can damage electrical components, and particulate dust absorbs light and heat. Therefore, particulate dust should be minimized.
 - In order to achieve the best equipment use effect, the room temperature should be maintained between 20 ° c-25 ° (68 ° f-77 ° f), and the corresponding humidity should not be less than 80%.



Do not store equipment with water below
2 ° c (35 ° f)

Mobile devices

- Turn off the device before moving, unplug the key and power cord
- If you travel long distances, drain all water from the device
- Hanger in hook position
- Since the device is portable, please make sure that the device is in a balanced state when moving. It is recommended to use a cart to move the device when moving a long distance
- Never tilt the device when moving
- When moving the device, do not push or pull forcefully, you should try to lift the device.

Fourth, machine operation

On / off

Machine switch

Before powering on, check the connection of the system power cord to the device and the connection of the main power.

Dangerous voltages in the device



Hand tools emit laser light, everyone in the treatment room must wear protective glasses

Do not look directly into the light exit, even when wearing protective glasses

Except for the treatment area, the treatment head is not allowed to point directly at any other part

Plug in the power plug and close the leakage protection switch so that it is in the "off" position,

- Turn the key switch to the "on" position, as shown in the



figure Emergency stop rotates to the right and pops up

- **Boot interface**

V. Precautions for treatment

Contraindications:

Laser treatment is not possible with the following symptoms:

- Malignant or diseased pigments;
- Light-sensitive skin;
- Pregnant
- The use of non-coagulating drugs;
- Scar constitution;
- Bacterial infectious diseases;
- A defective immune system;
- scleroderma;
- diabetes;
- Other diseases that cannot be used for laser treatment.

Preparation before treatment:

- Complete or update the patient's medical history;
- Exclude patients with the above contraindications;
- Determine why patients seek treatment and their expectations, and tell patients about the treatment process, treatment results, possible side effects and discomfort;
- Inform patients of the safety issues that they should pay attention to;

note:

When treating the orbital area, use the eyelid plate to protect the eyeball. Use 0.5% tetracaine for surface anesthesia and lubricate the eyelid plate to avoid corneal infection. Physicians and assistants should wear protective glasses.

Do not wear reflective accessories, such as watches, necklaces, bracelets, etc.
The treatment room should have a warning sign and access is prohibited.

Treatment parameters

Choosing the right treatment parameters is necessary for successful treatment.
The optimal pulse width enables effective thermotherapy with minimal skin damage.

note:

Generally, treatment is performed from lower setting parameters, gradually increasing energy to avoid side effects.

When treating light photo-aged skin, the choice of parameters is similar to the treatment of scars. You can refer to the Patrick classification of the skin type.

i-burns, no sun (pale skin)

ii – easy to burn, minimal sun exposure (white skin)

iii-moderate burns, equal sun exposure (light brown skin)

iv – minimal burns, good sun exposure (medium brown skin)

v-Not easy to burn, easy to sun (dark brown skin)

vi-no burns (black)

Also, the lighter the skin color, the more energy should be used.

Post-treatment matters:

After treatment, cold but not ice is recommended for the treated area.

It is best not to expose the skin to sunlight for two weeks after treatment.

The skin may turn red or erythema after treatment, but these symptoms will disappear within six months.

Blisters or skin ulcers appear after treatment and can be treated with antibiotics or burn cream.

Two weeks after treatment, two to four weeks of hydroquinone (2-5%) and hydrocortisone cream (1%) are recommended.

For patients with skin type iii or iv, pigmentation may appear within two to four weeks after treatment, but it can disappear within three months.

Six, routine maintenance

Machine cleaning

Warning: The circulating cooling water of this equipment must be distilled water, and the circulating water and filter must be replaced within one to three months



Clean the machine at least once a week. Turn off the machine and wipe the surface of the machine. Take care to avoid liquid from flowing into the machine.

Before and after each treatment, disinfect the tools used by patients and operators, such as hand tools, protective glasses, etc. When disinfecting the machine, you can use 70% medical alcohol or related disinfection methods.

Seven, technical description

label

- ◆ Laser treatment instrument
- ◆ Input voltage 230V ~, 50Hz, 110VA
- ◆ 220v ~, 15a
- ◆ Electric shock protection: Class I, Type B
- ◆ Withstands humidity: ordinary equipment
- ◆ Avoid contact with flammable substances
- ◆ Operation mode: continuous
- ◆ Class I laser products

Environmental protection

In the system design, we have considered the environmental requirements, and all non-toxic and safe raw materials are used in production. After the system is discarded, the system is correctly classified according to local laws and regulations, and then treated as waste.

二 Picosecond Laser

Instructions

Catalog

| | |
|--|----|
| 1、 INTRODUCTION | 18 |
| 2、 SCOPE OF TREATMENT | 18 |
| 3、 ADVANTAGES AND CHARACTERISTICS | 19 |
| 4、 TREATMENT PRINCIPLE | 20 |
| 5、 ACCESSORIES LIST | 20 |
| 6、 TECHNICAL PARAMETERS | 20 |
| 8、 OPERATING INSTRUCTIONS | 23 |
| 9、 PARAMETER SETTING | 24 |
| 10、 OPERATION PRECAUTIONS AND TABOOS | 25 |

1、 Introduction

Picosecond laser is a kind of laser whose pulse duration (pulse width) reaches picosecond level. It uses the most advanced technology to treat pigmentary diseases. Through the rapid and powerful energy, the pigment in the skin can be crushed more finely, and then the principle of lymph excretion can be used to completely remove tattoos and spots. Therefore, the treatment process is shortened from the original 10 times to 2-3 times, and does not damage the dermis, reduces the possibility of side effects, and improves the success rate of surgery.

2、 Scope of treatment

| | |
|--|--|
| Remove tattoo, eyeliner and lip line. Epidermis spot | Post inflammatory pigmentation age spots |
| Acquired nevoid spot of Ota | Sunburn / simple spots |
| Freckles | Coffee spots |
| Black spot | |

3、 Advantages and characteristics

- 1、 High energy & rapid treatment: short time and high energy radical treatment of pigmentation (tattoo, epidermal spot, dermal spot)
- 2、 High end performance: picosecond high speed smashing large pigment cell tissue division into small debris
- 3、 Comfort & Safety: it can effectively and safely treat all kinds of pigmented diseases and intractable stains, because picosecond laser therapy can reduce the damage to the skin by accurately positioning the target tissue to achieve the effect of freckle removal.
- 4、 During treatment, the skin will not be scalded: because picosecond laser has only half the energy of traditional laser, the thermal damage to skin tissue is also reduced by half
- 5、 There will be no anti melanin problem: picosecond laser energy instantly focuses and penetrates the skin surface, accelerates the decomposition and metabolism of melanin particles, is not easy to remain with the skin, and greatly reduces the postoperative redness, swelling and anti melanin phenomenon.
- 6、 Honeycomb instant lens: it can cause the vacuolation effect of the epidermis, protect the epidermis without wound, achieve the mechanism of initiating tissue repair, and provide more diversified treatment.

4、 Treatment principle

Conversion relation of time unit:

1 second = 1000 milliseconds (millisecond)

1 MS = 1000 microseconds

1 microsecond = 1000 nanoseconds

1 nanosecond = 1000 picosecond

As the name suggests, picosecond laser is the laser whose pulse duration (pulse width) reaches picosecond level.

According to the principle of selective photolysis, the shorter the laser action time is, the less easily the laser energy absorbed and accumulated in the target tissue diffuses to the surrounding tissue, and the energy is limited to the target that needs treatment to a certain extent, which protects the surrounding normal tissue, so the more selective the treatment is. The pulse width of picosecond laser is only one percent of that of traditional Q-switched laser. Under this ultra short pulse width, the light energy can not be converted into heat energy, and almost no photothermal effect is produced. After being absorbed by the target, the volume of the target expands rapidly, resulting in optomechanical effect, which is torn into pieces by blasting. The selectivity is stronger, which can make the pigmented skin lesions produce stronger curative effect under shorter treatment times. In a word, "picosecond laser can crush pigment particles more thoroughly, and damage surrounding tissues less."

If we compare the original pigment particles to rocks, the traditional Q-switched laser can break these rocks to the size of pebbles, while the picosecond laser can break them into fine sand, which greatly improves the absorption efficiency of pigment fragments.

5、 Accessories list

| | | | | | |
|--------|--------|------------------|---------|-------|--------------|
| Handle | pylons | Therapeutic head | glasses | patch | Fixing screw |
| 1 | 1 | 3 | 1 | 1 | 2 |

6、 Technical parameters

| Technical parameter table | |
|---------------------------|---------------|
| Laser type | ND:PICOSECOND |

| | |
|---------------------|--|
| Laser wavelength | 532nm、1064nm (755nmOptional) |
| Laser output energy | Single pulse 1200mj, double pulse 2000mj |
| Power supply | 220V/110V |
| Maximum energy | 2000mj |
| Operating frequency | 1-10HZ |
| Pulse width | 2000ps |
| Total power | 1200W |
| Cooling system | Air cooling and water cooling |

7、 Safety issues

1. Electrical safety

The laser uses single-phase 220 V / 5 A or 110 V / 10 a power supply, and the maximum output current is not more than 3 a.

The power supply connected with the laser must use a single-phase three wire power socket that meets the national standard and has good grounding, and the specification is at least 5A.

When the laser is running, there is high voltage in the memory. After the power is turned off, the high-voltage device may still have residual voltage!

2. Handling safety

Laser is a large-scale equipment, which is not suitable for mobile users. The handle shell of the laser machine is equipped with a precise laser optical system. The shock absorption package provided by the original factory must be used in the process of handling, otherwise the laser system may be out of balance and the laser output energy will be affected!

The drain hole must be plugged tightly before transportation

3. System safety device

In order to ensure the safety of use, the laser is designed with the following safety protection devices:

Stop switch: convenient for emergency stop in case of accident;

Standby / ready control: when in standby mode, laser output is prohibited, which is the safe state of the system.

4. Declaration of low temperature below 0 °C

If the instrument is not used for a long time or if it is necessary to change the site, the water inside (handle and main engine) must be drained.

Try not to place instruments under the environment below 0 °C for

more than 3 hours. It is found that water below 0 °C will appear "skyrocketing" phenomenon when moving. The concrete liquid water below 0 °C will appear rapid freezing during the process of moving. After liquid water becomes solid ice, the volume increases rapidly, which causes some damage to water pipe, cooling fan internal water circuit, laser water circuit and other parts.

After receiving the instrument, the customer needs to be kept in the indoor temperature of 23-26 °C for 24 hours before it can be used. If the operation is not performed according to the requirements, the company only provides paid maintenance services in case of instrument damage due to customer's own reasons. Due to the impact of temperature, we hope that customers can pay attention to it. And follow the requirements and carry out daily maintenance..

8、 Operating instructions

1、 Instrument installation

1.1 Handle installation: after the handle is taken out, it is directly inserted into the handle connection port of the host, and then the two clamping positions are clamped and fixed;

1.2 Handle rack installation: fix the handle rack on the host with screws

1.3 Laser head installation of treatment handle: rotate the laser head to be used and install it on the handle

1.4 Add water: open the overflow hole on the left side of the bottom of the main engine, connect the funnel with the water adding hole,

and add distilled water or pure water through the funnel until there is water flowing out of the overflow hole;

Drain: open the drain hole on the right side of the bottom of the main engine, and the water will be discharged directly through the water outlet until it is empty.

When adding water, the container should be placed at the corresponding position of the overflow

Do not start the machine without water at any time

The coolant is pure water or distilled water

Replace the water with antifreeze when the temperature is below 0 °C

Change the water once a week, and empty the water when it needs to be transported

1.5 Foot switch and power connection: foot switch is used to control laser output. When the foot switch is pressed down, the shutter of the shutter motor is opened, and the laser is output from the end of the articulated arm.

2、 Screen introduction

2.1 Power on: turn on the power, turn to the right, pop up the power on red button and turn the key switch to power on;

9、 Parameter setting

| Reference table for parameter setting: (the actual operation is adjusted according to the patient's reflection during treatment) | | | |
|--|--------------------------|-----------|---------|
| | power mj/cm ² | Wave leng | remarks |

| | | th nm | |
|--|----------|-----------------|---|
| Whitening and yellowing | 400-800 | 755 | It ends when the skin is slightly red |
| Epidermis spot | 800-1200 | 1064 | After the spots turn white, the blood oozes slightly |
| Spot nevus | 520-1200 | 1064 | End after bleeding or whitening |
| Tattoo, tattoo, lip line and stripe line | 800-1200 | 1064 532 | New tattoo, black and blue, operation to white tattoo, color tattoo with 532 laser head |
| Black face doll | 400-800 | Black face doll | Use with toner |

10、 Operation precautions and taboos

1、 matters needing attention

- ① It is normal to feel slight tingling during treatment;
 - ② It can't be used in pregnant women;
 - ③ It can not be used for bleeding, thrombosis, arteriosclerosis, acute inflammation, joint and soft tissue suppuration;
 - ④ It is forbidden to store in direct light and heating appliances, especially in summer;
 - ⑤ Easy to get wet, far away from the place with water or moisture (sauna, bathroom, etc.), will cause damage;
 - ⑥ Don't be impacted by external force to avoid damage, especially when using handle, be careful not to fall to the ground;
 - ⑦ It is forbidden to use chemical drugs to wipe the instrument (alcohol, benzene, cinnabar water, etc.), which will cause damage;
 - ⑧ Do not use the instrument continuously for a long time, which will cause damage;
 - ⑨ Don't let children touch the instrument;
- The instrument should avoid sensitive parts such as eyes, larynx and sexual organs;
- Do not open the inside of the instrument arbitrarily.

2. It is forbidden to use this product in the following situations

- ① A person with edema or edema, a patient with high blood pressure;
- ② Convulsions or restlessness of the whole body;
- ③ Patients with heart disease (with pacemaker, etc.);
- ④ Skin allergy, emaciation or loss of elasticity, skin damage, ulceration;
- ⑤ Severe blood loss, hemorrhagic disease, bleeding tendency or coagulation difficulty;
- ⑥ People who don't know how to operate instruments;
- ⑦ Facial surgery or deep exfoliation, not yet to the recovery of the crowd;
- ⑧ Those who received radiation therapy for less than 3 months;
- ⑨ The patients with skin cancer at the site of physical therapy;
- ⑩ People with skin diseases or inflamed parts and suppurative acne;
- ⑪ It is forbidden to use in the initial stage or wound site after operation;

After sales description

1. from the date of delivery of the instrument (subject to the label of the machine), Party A shall provide Party B with one-year after-sales service of free maintenance and lifelong maintenance of the main machine (excluding handle).

2. since the date of delivery of the instrument (subject to the factory label of the machine), the handle of all models shall be guaranteed free of charge for three months, except for human factors. (human factors refer to unconventional instrument operation, such as no water addition, broken down, etc.)

3. if the laser aiming head and e-ray insert are not within the warranty scope, the consumables with fixed points in the treatment head shall be guaranteed by us for half of the points.

4. within 7 days after the instrument is delivered (15 days abroad), if the machine has quality problems (non human force majeure), our company will provide free replacement service. If the customer sends back the goods according to our company's designated freight, our company will bear the two-way freight.

5. from the 15th to one year after the instrument is delivered, if there is any quality problem (non human force majeure), our company will provide free maintenance service and free replacement service. If the machine fails to return to the factory for maintenance, we can dismantle the spare parts and return them to the factory under the guidance of our engineers. After the parts are repaired, we will guide the

installation. If the spare parts need to be provided first due to the long way and time, we will charge the spare parts fee first, and return the damaged parts to the factory in full within one month. If the parts cannot be returned in time, it shall be regarded as the delivery of the parts (within three months from foreign customers). The original packaging shall be kept when the machine returns to the factory. We will not be responsible for the road damage caused by the packaging problem. The customer and our company are responsible for the cost of delivery of accessories or complete machines. If the engineer is required to provide on-site service, the customer shall provide the travel expenses (except Guangzhou);

6. if the machine has quality problems after the instrument has been delivered for more than one year, Party A shall provide Party B with paid warranty, and only the replacement cost of parts (the warranty period of replacement parts is 3 months) and the travel expenses of the Engineer shall be charged. If you need to return to the factory for maintenance, you will charge the two-way freight and replacement fee for the spare parts.

7. remarks: all products produced by the company belong to precision instruments and cannot be transported frequently. We can provide warranty for the quality problems of the instruments caused by handling, but the responsibility is not in our company. The original packaging is very important for the upgrading and repair of the instrument in the future. It is recommended that all customers keep it. The company reserves the final interpretation and modification right to the after-sales instructions.