

3in1 Diode Laser 808nm+755nm+1064nm



User&Training Manual

I .Warning

Dear user:

Thanks for using our diode laser , in order to fully make use of our laser, we sincerely suggest following:

Please read the instruction in detail and keep it for further reading and consulting;

Please follow the instruction to fit and operate machine correctly;

Please do not remove and change any accessories of machine;

Forbidden others to open and remove the mainframe except authorized or trained people or technician in the company;

Forbidden others to change and maintain the machine except professional people;

Please contact us if there is any trouble during operation;

II . Working principle:

- As a integrated solution, It combines the benefits of all 3 wavelength 808nm, 755nm and 1064nm. which has different laser characteristics.
- Targeting different tissue depths as well as structures within the hair follicles. Thus to the greatest extent to ensure the effective result and painless.
- It is operating at a wavelength of 808nm/755nm/1064n, the gold standard in laser hair removal.



Why Choose 3 Wavelength into 1 single hand piece Platform?

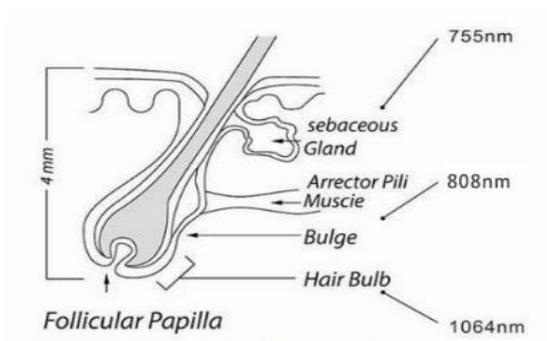
By combining the absorption and penetration levels of three different wavelengths, along with the treatment coverage, comfort and low maintenance of the diode laser,chieves the safest and most comprehensive hair removal treatment available today.

Alex 755nm Wavelength:

For the widest range of hair types and color. The Alexandrite wavelength offers more

powerful energy absorption by the melanin chromophore, making it ideal for the widest range of hair types and color- especially light-colored and thin

hair. With more superficial penetration, the 755nm wavelength targets the Bulge of the hair follicle and is especially effective for superficially embedded hair in areas such as the eyebrows and upper lip.

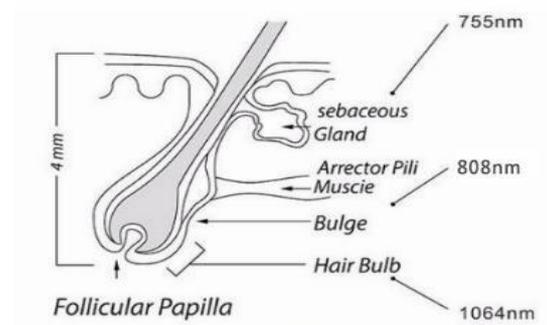


Speed 808nm Wavelength:

Half the treatment time.

The classic wavelength in laser hair removal, the 808 nm wavelength, offers deep penetration of the hair follicle with high average power, a high repetition rate and a large spot size for fast treatment. The

808 nm has a moderate melanin absorption level making it safe for darker skin types. Its deep penetration capabilities target the Bulge and Bulb of the hair follicle while moderate tissue depth penetration makes it ideal for treating the arms, legs, cheeks and beard.

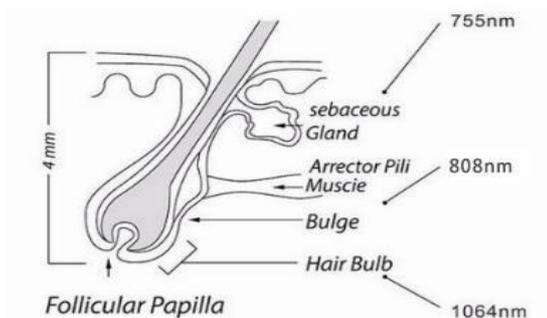


Yag 1064nm Wavelength:

Specialized for darker skin types.

The YAG 1064 wavelength is characterized by lower melanin absorption, making it a focused solution for darker skin types. At the same time, the 1064nm offers the

deepest penetration of the hair follicle, allowing it to target the Bulb and Papilla, as well as treat deeply embedded hair in areas such as the scalp, arm pits and pubic areas. With higher water absorption generating a higher temperature, the incorporation of the 1064nm wavelength increases the thermal profile of the overall laser treatment for most effective hair removal.



III. Function:

The combined wavelength laser is effective for all skin type and hair type

755nm:Alexander laser,used for light hair on white skin.

808nm:808/810nm diode laser,all kinds skin type and hair color.

1064nm:Yag long pulse laser,used for black skin hair removal.

IV. Technical specification:

Laser type: diode laser

Wavelength: 755/808/1064

Operate panel: Large 8 inch LCD Touch Screen

Spot size of hand-piece: 10*12mm

Delivery mode: direct sapphire coupling

Power density: 5-10J/cm² adjustable

Repetition frequency: 10Hz Professional mode (HR):

Power density: 6-50J/cm² adjustable by fixed pulse width range

Repetition frequency: 1-5Hz adjustable by fixed pulse width range

Pulse width: 80-200ms adjustable

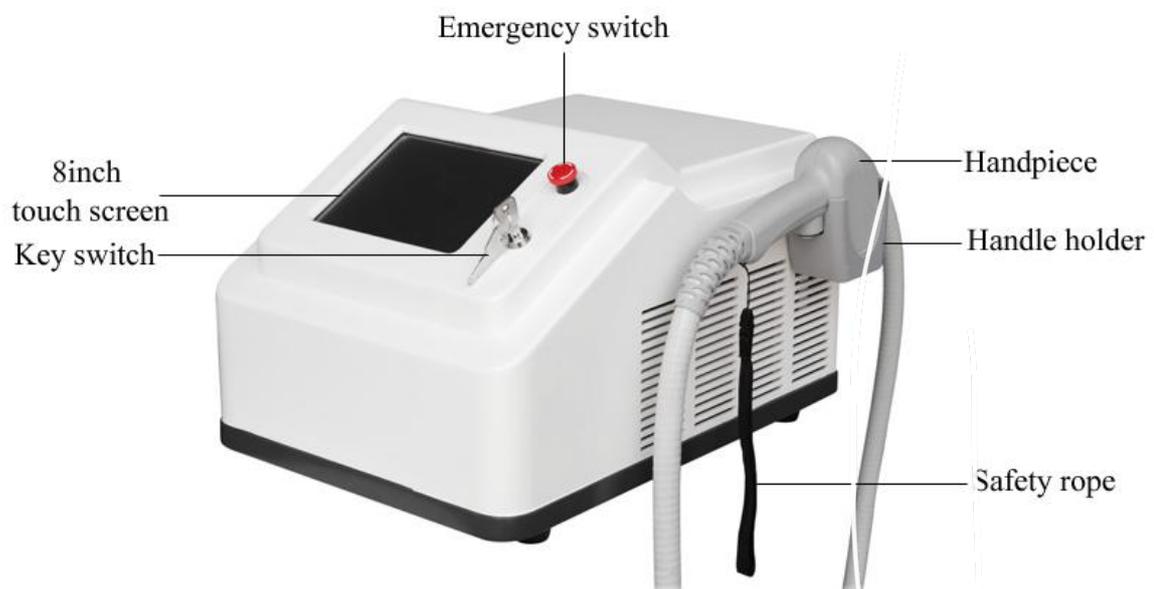
Cooling way: water circulation system +semiconductor cooling

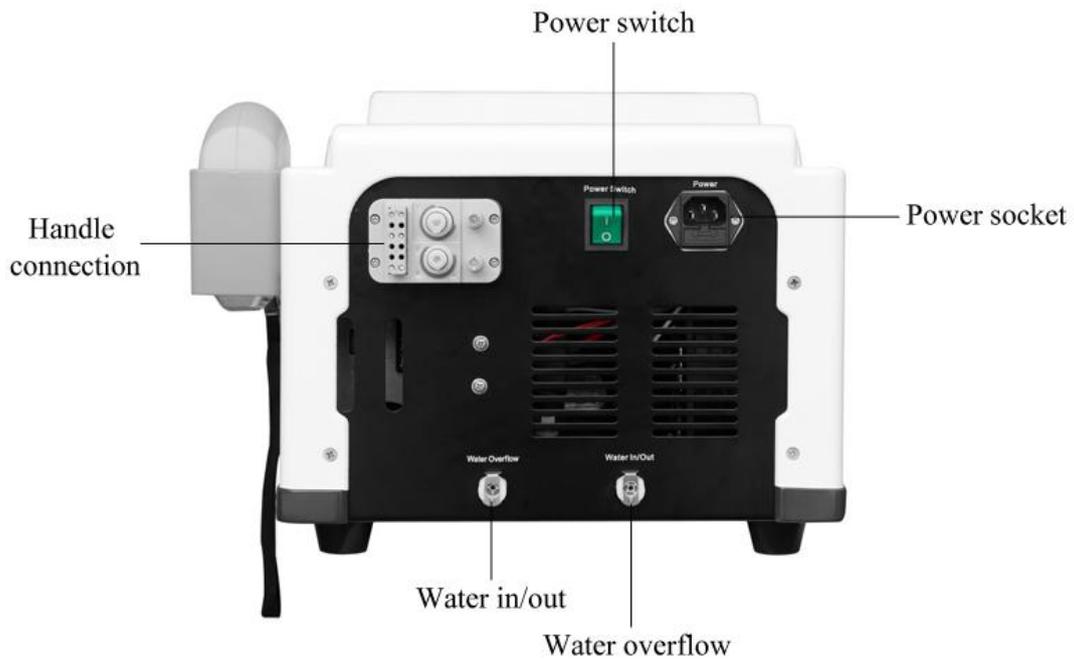
Cooling level: sapphire instant cooling and skin surface lows to 0-5degree

Package size: 43*43*56cm

Gross Weight: 20kgs

V. Machine structure





VI.Fill Water for device

- 1: the device is worked by water circulation, so before use must add water first for device;
- 2: For protecting device performance, the water must be distilled water, No be tap-water or other dirty water;
3. connect water bottle and water pipe well: plug one side of water pipe into interface of water bottle.
- 3: Start to fill water from water inlet hole, when water come out from water overflow hole, means the water tank is full. Stop filling water.



4: For good water circulation, don't cover the water inlet hole and water overflow hole.

5: We advise replace new water every month. Take out the used water out from water out hole, then fill new water from water inlet.

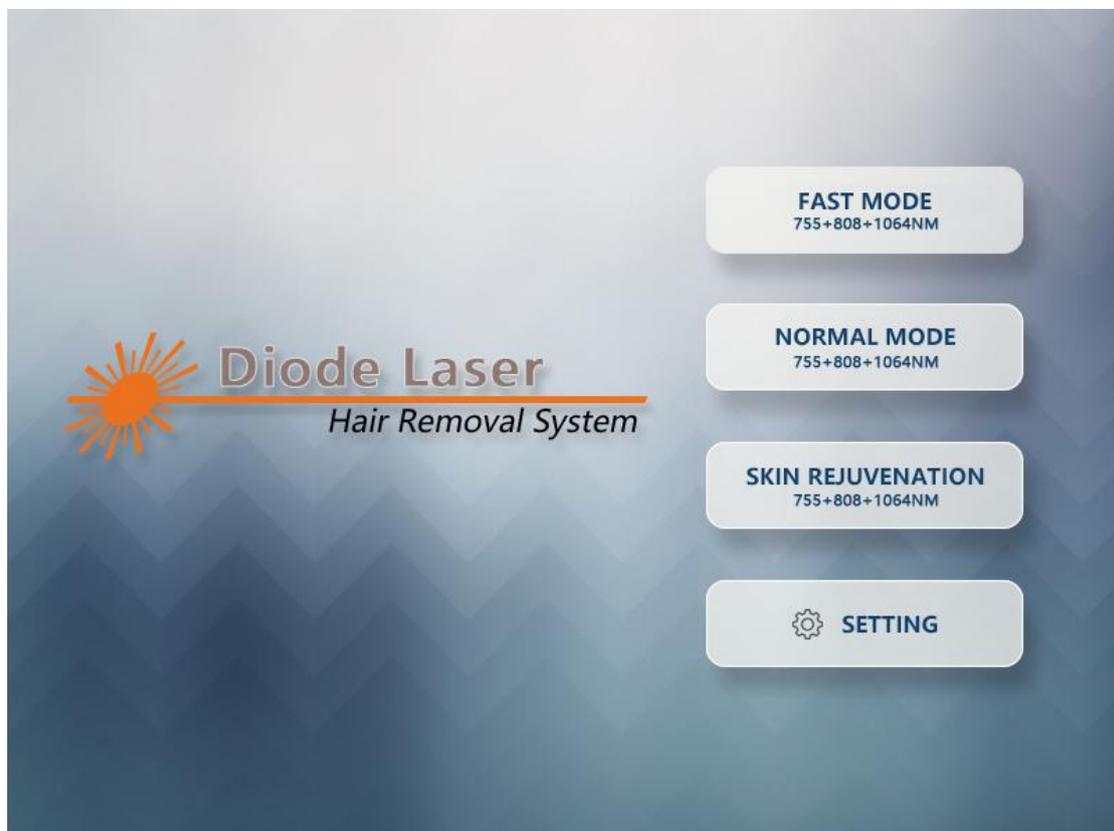
6. This is laser radiation, before use device make sure that operator wears protective glasses and patient wears goggle in case of eye injury;

7. Connect correct voltage for device: connect 220V to 220V, 110V to 110V, DO NOT

CONNECT WRONG VOLTAGE IN CASE OF BURNING DEVICE!

8. After turn on the machine, wait a few minutes for water circulation. Then can start to do treatment.

VII. Screen Operation:



Menu page

At this menu screen, there is a three treatment functions: fast mode, normal mode and skin rejuvenation model;



it is FHR (Fast hair removal) mode, this mode is suitable for public treatment, easy to start a treatment, most popular with beautician in beauty salon, spa centers, etc

NORMAL MODE
755+808+1064NM

it is standard hair removal mode, according to the different individual to have a targeted treatment, designed for doctor and professional trained operator use in medical clinic, surgical hospital, etc

SKIN REJUVENATION
755+808+1064NM

it is a additional function of skin rejuvenation with low energy shooting to make face smooth, tender and younger;

SETTING

it is system settings, user backstage;



Fast mode

it is FHR (Fast hair removal) mode, this mode is suitable for large size treatment.

Power J/cm² : the power changes from 5-10J/cm²;

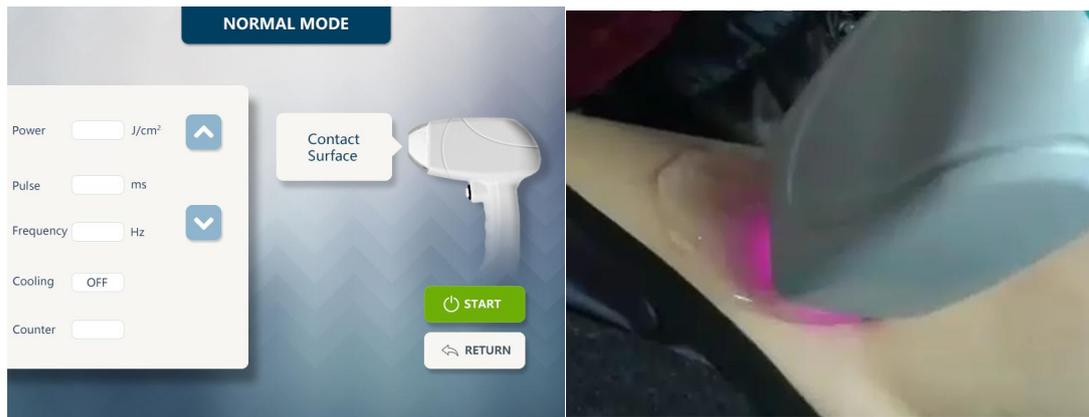
Cooling **ON** : the water cooling is default “on” after device running;

Counter **002508** : show current shooting numbers of hand-piece, automatically be cleared at next entry;

 **Start** system under standby condition;

 **Stop** system ready to work;

 **Return** press “return” system automatically goes back to menu screen;



Normal mode

it is HR (hair removal) mode, this mode is suitable for small size treatment.

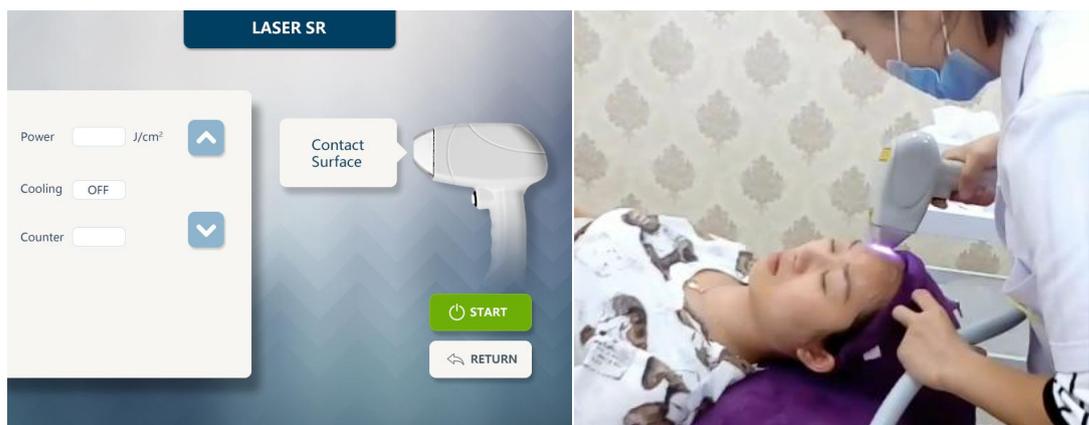
Power J/cm² : the power changes from 6-50J/cm²;

Pulse ms : pulse means pulse width, changes from 80-200ms;

Frequency Hz : the frequency changes from 1-5Hz;

Cooling **ON** : the water cooling is default “on” after device running;

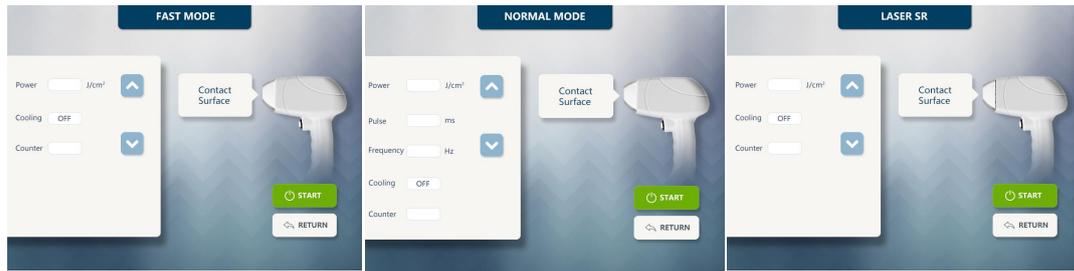
Counter : show current shooting numbers of hand-piece, automatically be cleared at next entry;



Skin rejuvenation

it is a additional function of skin rejuvenation with low energy shooting to make face smooth, tender and younger;

Treatment parameters:



Fast mode: hair removal

Power:5-10j/cm2

Frequency:10hz(not adjustable)

White skin:high energy based
On customer

Black skin:low energy based on
Customer bearance

Normal mode: hair removal

Power:6-50j/cm2

Pulse:80-200ms

Frequency:1-5hz(adjustable)
White skin:high energy based
On customer

Black skin:low energy based on
Customer bearance

Laser SR: skin rejuvenation

Power:1-5j/cm2

Frequency:10hz(not adjustable)

White skin:high energy based
On customer

Black skin:low energy based on
Customer bearance

Normal mode :Treatment parameter is adjusted by following principles:

Pulse width at 80ms:

Power from 6-20J/cm2 adjustable;

Frequency from 1-5Hz adjustable;

Pulse width at 120ms:

Power from 6-30J/cm2 adjustable;

Frequency from 1-3Hz adjustable;

Pulse width at 160ms:

Power from 8-40J/cm2 adjustable;

Frequency from 1-2Hz adjustable

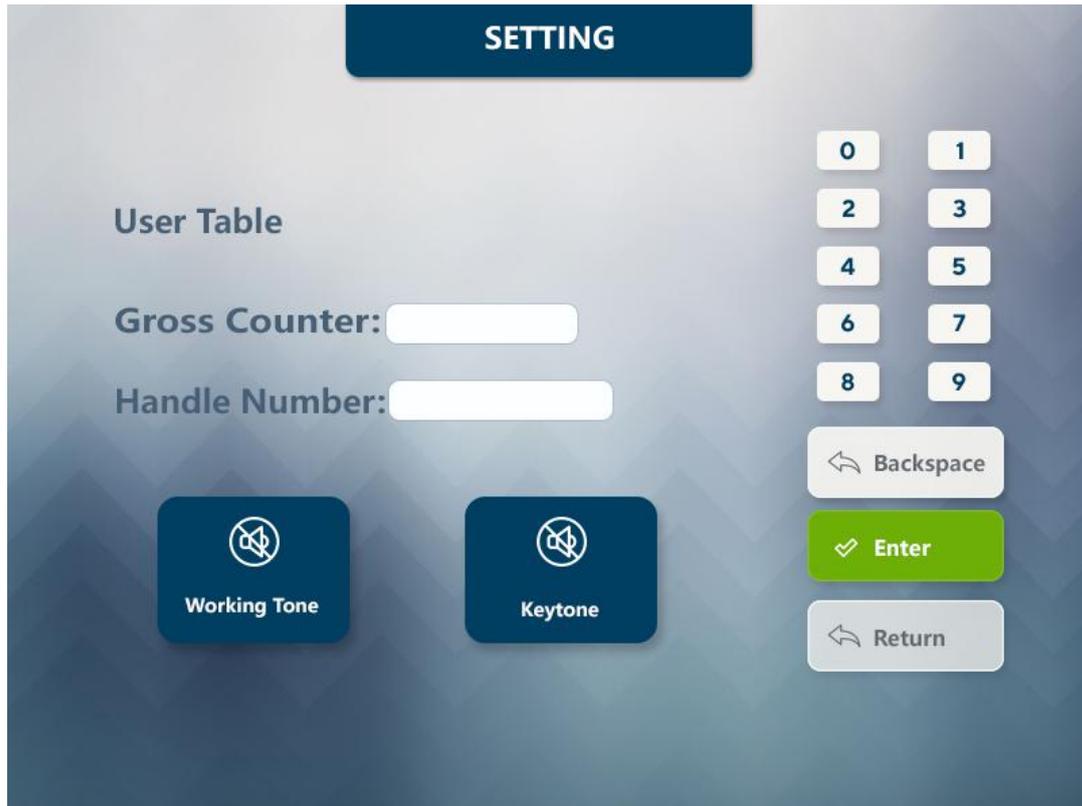
Pulse width at 200ms:

Power from 10-50J/cm2 adjustable;

Frequency from 1-2Hz adjustable;

Power and Frequency will change based on different pulse width;

System setting



This page will account the total shots have been used.

Cautions: At each treatment function, the cooling is default “ON”, PLEASE DO NOT CLOSE IT IN ORDER TO SYSTEM NORMAL WORKING!

X. Hair removal steps

1: Cleaning:

Before do treatment, clean and disinfect the treatment area;



2: Shaving hair away:

For better energy transmit to skin, need to shave the exposed hair away;



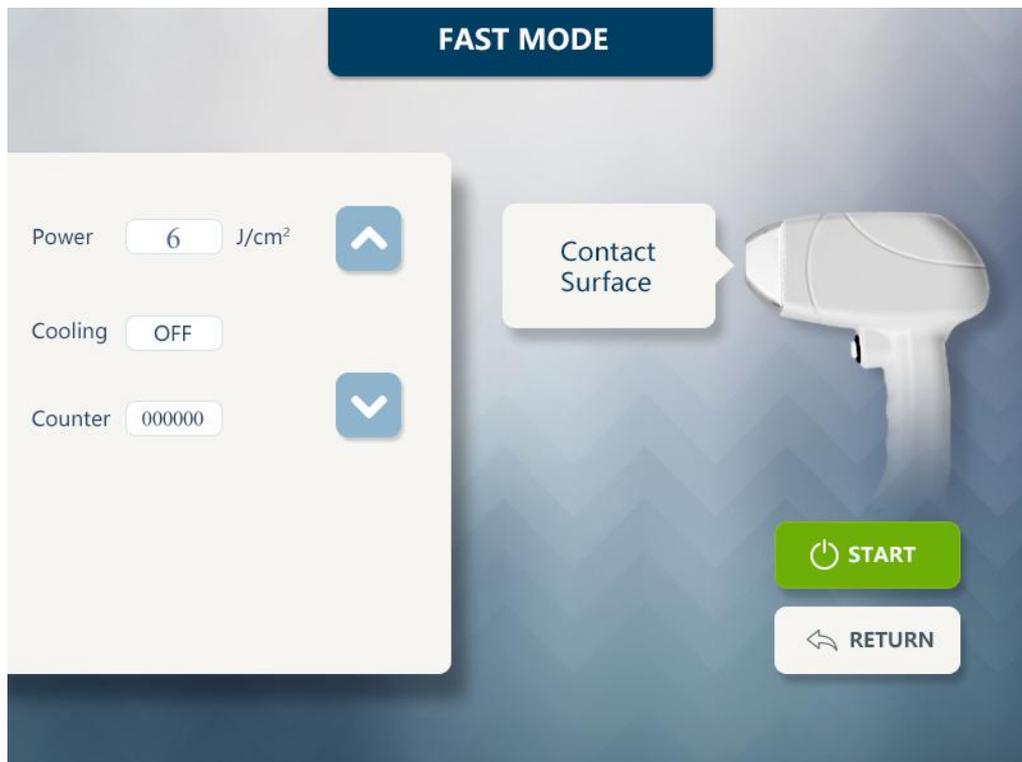
3: Daub cooling gel:

Cooling gel can reduce discomfort during treatment, so before start treatment daub proper cooling gel onto treatment area (normal 2mm thickness)



4: Set parameters for device:

Gradually set pulse width and corresponding power, frequency to achieve the best user experience;



5: Hair depilation:

The method to do hair depilation: the hand-piece (sapphire) is stick to skin tightly, and sliding 6-7 times back and forth; during this treatment, observe the changes of skin: if skin no obvious changes, need to increase power until user feels hot and the skin on treatment area appears flushed;

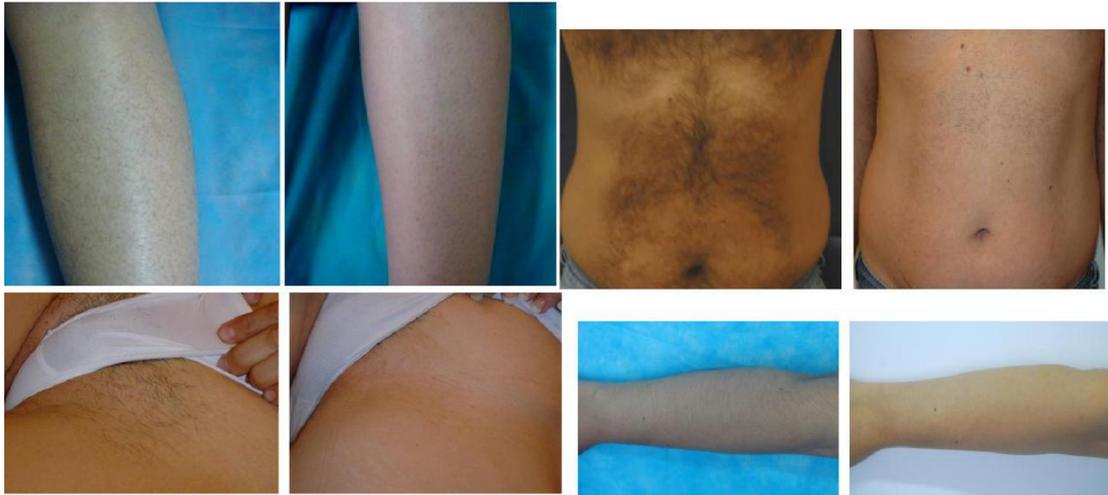


6: Cleaning and Ice compress:

After do treatment, clean again the treatment area, and do ice compress to partial skin for 10-15 minutes if needed; for device, return to menu from treatment screen, turn off device with key switch and clean the sapphire with tissue;

Before and After Hair Removal Photos:





XI. Cautions after treatment:

- 1: After finished treatment, the treatment area will feel slightly scorching hot and skin around hair follicles appears erythema, which is normal phenomenon, do ice compress to partial skin for 10-15 minutes if needed;
- 2: the residual hair on treatment area can pull out in 24 hours or automatically fall off in several days;
- 3: The current day of treatment, use low temperature water to wash and use liquid skin care products;
- 4: After treatment, pay attention to protecting moisture and sunscreen;

Cautions before and after therapy:

- 1: One month before treatment, pay attention to the sunscreen;
- 2: Two weeks before treatment, the treatment area does not remove hair with plucking out, with cream or electrolysis ;
- 3: Two days before and after treatment, to avoid chemical or mechanical stimulation;
- 4: Two weeks before and after treatment, to disable the filling or other injection, etc the kind of interventional therapy

Therapy periods:

Underarm, Face: One Therapy interval---4-6 weeks;
Arms and legs, body: One Therapy Interval----4-6 weeks;
Treatment Period: 3-5 times;

Contraindications:

The following symptoms are forbidden to use:

- The pregnant
- Recently (within 1-3 months) accepted the sun exposure or sun bath
- The patient with open wound
- The patient with infected wounds
- The patient suffering from skin disease
- The patient with epilepsy

Attentions:

1: First check the host, accessories, power supply wire is broken or not before use;

2: connect correct voltage (220V to 220V, 110V to 110V), can not get through wrong voltage.

3 Start system, in addition to television, refrigerator, Do not turn on electrical power device at the same time;

4 Before therapy, please take hearing aid, electronic wristwatch, magnetic card, mobile phone or other things off first, pay attention to child's care to avoid touching;

5 During the therapy, drink more water based on your physical;

6 In case of happening special circumstances or accident, please immediately stop using and consult professionals;

7 Patients with above mentioned medical electrical device can not use this system at the same time;

8 Above mentioned patients should be agreed by professionals before using this device;

9 Please immediately turn on power supply, stop using if following abnormal situation happened:

9A water or other things into host;

9B: The sound of system to be unusual;

9C Abnormal smell or smoke;

9D: Any accessories broken;

9E: Natural disaster, earthquake, and the sudden thunder;

10: When the treatment is finished, please cut off the power supply, be sure to

unplug the power plug from the power socket;

11: Transportation and storage conditions: the transport process should be to prevent sun and rain, packaged equipment should be stored in relative humidity of not more than 80%, no corrosive gas and ventilated room;

AFTER-SALE SERVICE AND MAINTENANCE

The term of maintaining guarantee is main device 1 year and spare part 3 months from the date of purchasing according to the receipt. (Expendable is not included in it.) Others not included in maintaining guarantee or over the time, we also supply to maintain and renew but need charges. Please contact with the dealer if need change of purchasing the parts and easily expendable products.

A. We will guarantee the quality of our equipment, normally there is no quality problem

1. If there is a deficiency, please email or call us on the reasons, it would be best to dealt with by email or telephone. Because some of the problems are caused by using the machine in a wrong way.
2. We suggest the client to take photos of the area where the problem occurs, we will pass them to our technician , our technician will give a satisfactory answer within 1-7 working days
3. If the problem comes from the spare part within the warranty, we could consider in changing the spare part to our client, which could be sent with his/her next order. If the next order is uncertain, we could pay freight cost to send the spare parts.
4. If the problem comes from the main device within the warranty, we could advice our client to post the device back to our company for repair by ordinary post, or we could re-send a new one to our client. If the cost of posting the problematic device back to BEST is more than the value of a new device, BEST would take it into consideration, according to the actual status; apply to re-send a completely new device back to our client.

B. We won't supply maintaining guarantee if troubles as below:

- a) Disassembling the machine by self;
- b) Fall it without caution;
- c) Lack of reasonable keeping and protect;
- d) Not operate according to the user manual.
- e) Expendable reasons

If changes of the design and specification of the machine, we will not notice you in addition. If any queries, please feel free to contact with the local marketing company.

All in one, we will try our best to serve you and also need your fully cooperation.
Thanks.