

# E-light Skin Cosmetology System

## Manual of Elight 02 (E-light/IPL/RF)



# Beijing Medical Beauty Commerce Co., Ltd.

Please follow below steps after you get the machine

## Operating Steps :

Please correctly install the machine according to our installation video,  
First connect the two handles with the machine.

**Elight connect with the left connector, ipl connect with right connector.**

**Second** Please input enough pure water (purified water or distilled water) into water tank before using the equipment. Please make sure that the overflow hole is full of water.

## **Third**

(1) Connecting to the power.

(2) When the emergency switch is being connected, turn the emergency and key switch to right, and then the equipment will start to work.

(3) The screen interface displays as picture 1 :

## Advantage of the elight02

8 inch TFT LCD screen

- Two handle output design.(one big spot ipl handle for hair removal. one elight handle for skin rejuvenation and other treatment with 5 filters)
- choose Handle automatically.
- Water temperature detecting, Water level detecting.
- Design of strong Anti-interference capability.
- Including three system working modes of E-light, IPL and RF.

### 1. E-light mode

Five treatment menu included: **Skin Rejuvenation, Hair Removal, Freckle Removal, Redness Removal & Acne Treatment.**

#### 1.1 start up Screen

Entering into the welcome screen (or logo interface)after turning on

the machine, the touch area(the whole screen interface) includes entering into setting interface, entering into treatment menu interface & and entering into calibration screen interface.

### 1.1.1 Setting Interface

Touch top left corner of welcome screen for about 2 seconds to go into the picture 6.

### 1.1.2. calibration screen interface

**Touch the middle area of welcome screen for about 5s, clue will be seen(the screen will show you how to calibrate the screen), and release the button to go into calibration screen .**

### 1.1.3. Treatment menu Interface

**Click any area outside of the above-mentioned two area to enter into the treatment menu interface.**



Picture 1

## 2. Treatment menu interface



Picture 2

After entering into the treatment menu interface, just like picture 2. touch "Standby" for simmer the lamp and charge the capacitor automatically, also entering into "Ready" status, at this time you will see the lamp light. (if you choose hair removal, the ipl handle will light. for other menu, the elight handle will light ) ;touch" Ready" button to enter into "work" status ,at this time you can make the flash and shot. touch the "work" to stop simmer the lamp and enter into the "standby"status.

Treatment menu: show the selected treatment Function;

Treatment Parameters: recorded treatment parameters in the treatment menu;

Status show

: show the status of the equipment at current and shot times showing. And time show, water current status etc.





Treatment Records: show the treatment records at current, record different treatment parameters for different patients, three choices are available for changing the treatment records.





Cooling Adjustment: adjust the cooling temperature of handle crystal, five levels are adjustable, the more the blue snowflake, the strong the cooling system, if blue snowflake disappear, cooling system close.

(please always keep it five levels before treatment ,so as to make sure the good

cooling system )

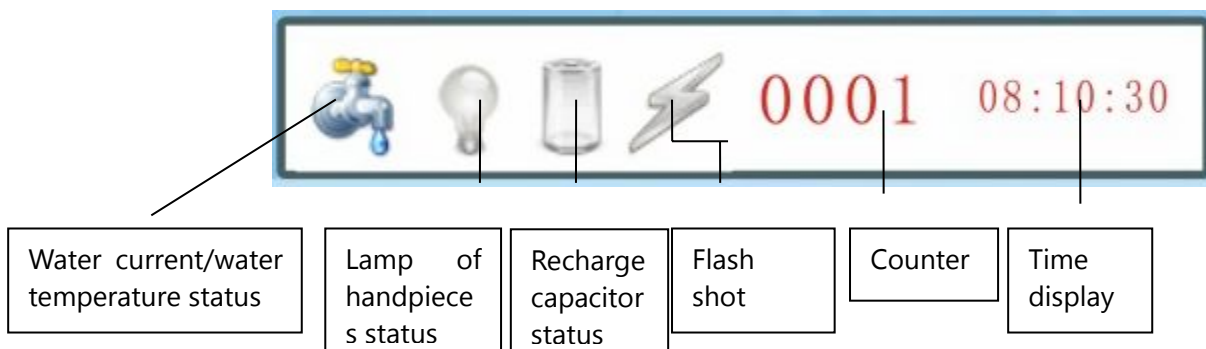
Back Button: return to the welcome screen.

IPL Energy: Adjust the output energy of the handle, the current output energy value will be shown in the energy display window during adjusting process, adjusting range from 1J to 50J/cm<sup>2</sup>, this setting can be directly adjusted in the course of treatment, use  or  to adjust,  means increasing,  means reducing, also can click the energy pole to adjust the output energy rapidly.

RF Energy: Adjust the output energy of RF, the current output energy value will be shown in the energy display window during adjusting process, adjusting range from 1J to 50J/cm<sup>2</sup>, this setting can be directly adjusted in the course of treatment, use  or  to adjust,  means increasing,  means reducing, also can click the energy pole to adjust the output energy rapidly.

RF Output: click the " E-LIGHT" on the top right corner to close the IPL function, open RF function and display" RF", at this time RF handpiece can be used separately functioned. Optional choices for clients.

Status show window



(图三)


Water Temperature: show the status of the cooling system;





means the normal water circulation system;






means the abnormal water circulation system;

 means the water temperature too high;

When showing the abnormal water circulation or too high water temperature, the machine can't enter into the working status until trouble clearing.

Handpieces status : show the status of handle, with  (lighting) and  (extinguishing) two status. After lighting the handpieces, charging is available, if it doesn't light the handle after 3 seconds, the machine will be back to standby status;

Charging State: show the status of charging, with  (full of charge) and  (not charge) two status; After finishing the charge, the machine can enter into the treatment status; if not finishing the charge, the machine will be back to "standby" status.

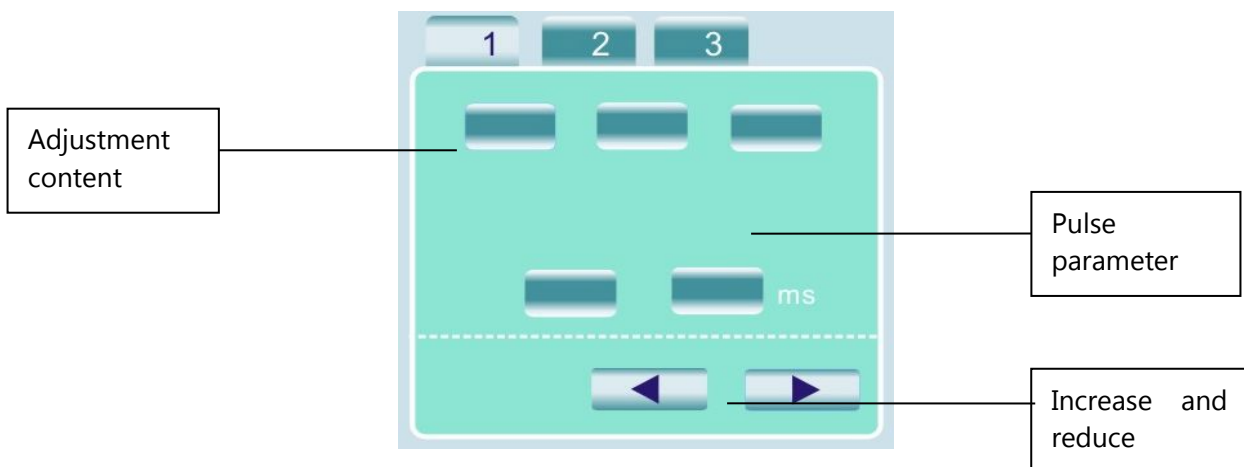
Flash shot State: show the flashing status,  means flashing shot;

Counter: show the flashing times during treatment ;

Time Display: show the current time;

Modify Treatment Parameters:

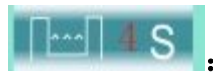
We can adjust the treatment parameters in the treatment interface. Click the changed parameter in the " Treatment Parameters Setting" interface, meanwhile, an up arrow and a down arrow will appear under the changed parameter, touch the up arrow to add the value, touch the down arrow to reduce the value, after finishing the adjustment, click the treatment parameters again to reserve the value.



Picture 4

Treatment parameters stand for the adjustable data during treatment, through adjusting the treatment parameter, we can change the output energy of the handles, pulse width and pulse number, to achieve different treatment effects.

8 items for adjustable treatment parameters: (check picture 2)



Adjust the discharge interval of pulse during treatment, adjustment range (2~4) second, touch directly to adjust;



Adjust the pulse number during treatment, adjustment range (1~10), touch directly to adjust;



Adjust the output time of RF, adjustment range (50~2500) ms, touch directly to adjust, the unit is 50 ms, the bigger the number, the longer RF output, between 300-1500 ms recommended, you can adjust according to actual situation;

**First Pulse Width:** Adjust the width of the first pulse, if single pulse application, it's the pulse width; if multi-pulse application, it's the width of the first pulse, adjustment range (1~10ms), the unit is 0.1 ms.

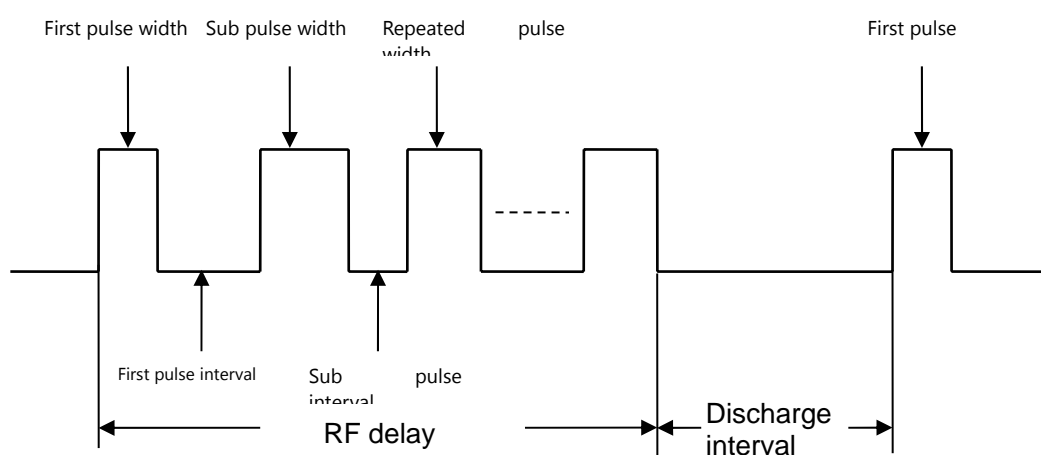
**The First Pulse Interval:** Adjust the delay between the first pulse and auxiliary pulse (the second pulse), adjustment range (1~100ms), the unit is 1ms.

**SUB Pulse Width:** Adjust the auxiliary pulse (the second pulse) width, it doesn't show when single pulse application, adjustment range (1~10ms), the unit is 0.1ms.

**SUB Pulse Interval:** Adjust the delay between auxiliary pulse (the second pulse) and repeated pulse (the third pulse & pulse after), it doesn't show when single pulse application, adjustment range (1~100ms), the unit is 1ms.

Repeated Pulse Width: Adjust width of repeated pulse (the third pulse and pulse after), it doesn't show when single pulse application, adjustment range (1~10ms), the unit is 0.1 ms.

## Pulse Output Diagram



(图 5)

## Treatment

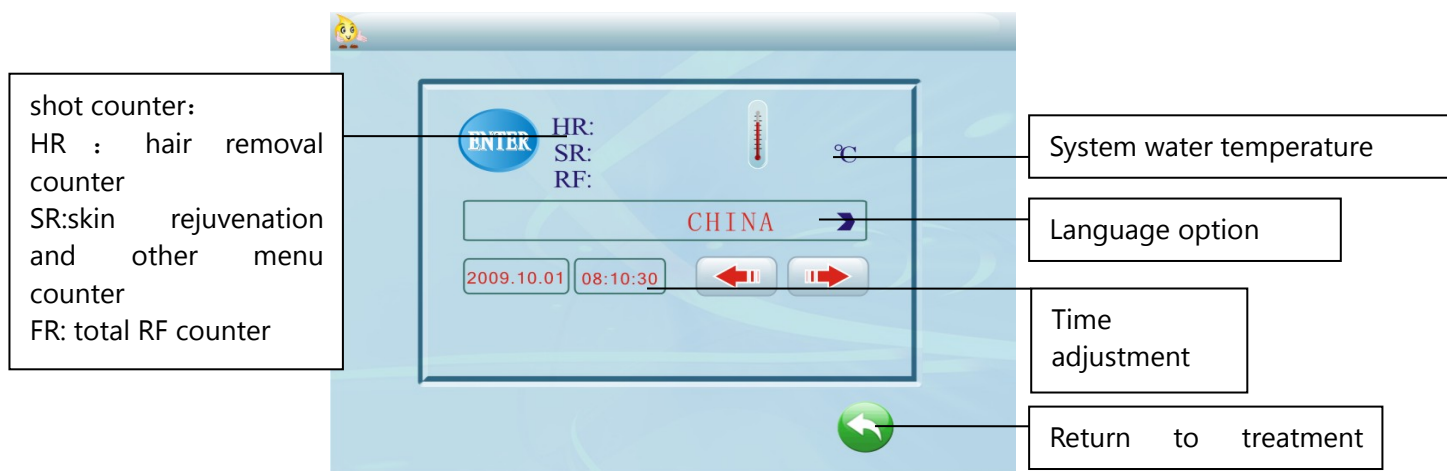
Touch " Standby" (in red) for simmer the lamp and charge the capacitor automatically, the machine will enter into "ready" status ,preparing for work .at the same time the lamp of handle light , touch the "ready" to enter into the working status , at this time the operator can make the shot by working button on the handle or foot pedal, if want to stop the treatment . touch " work" (green) to close the handle and enter into standby status. After finishing the charge for the power supply, please wait for 10s until the temperature of the handle is lower and then begin the treatment. touch the "working button" in the handle, it will work according to the setting treatment parameters. Meanwhile, "Ready" turns into " Work". When touching the "working button" in the handle, the system won't reflect if touch the screen interface during treatment , you must release the "working button" in the handle to operate the machine. And then treatment parameters can be modified . After finishing the treatment, touch back button to exit the procedures and close the handle.

When doing RF treatment, you must ensure RF electrode(RF handpieces) to get good contact with skin, and also put enough cooling gel on the skin, adjust the energy of RF from low to high, don't keep long-time contact between RF electrode and skin to avoid burning the skin. You will feel the heat within the

skin during RF treatment, if tingling feeling is too strong, maybe because of the little cooling gel or poor contact between electrode plate and skin, in this case, you need to put more cooling gel on the skin or adjust the position of electrode plate.

The output time of RF can be adjusted as needed, but not too big (300-1500ms recommended), it has no obvious effects with too short output time, and it's also easy to burn the skin with too long time.

3 enter into setting interface



Picture 6

(1) . Enter into setting interface

touch top left corner of welcome screen about 2 seconds to go into setting interface automatically as the picture 6.

(2) . HR/SR/RF total counter show

(3) . Temperature show

show the water current temperature at current

(4) . Work language set


Touch language for different language available: circulation language for English .chinese .German.French .italy ,spian

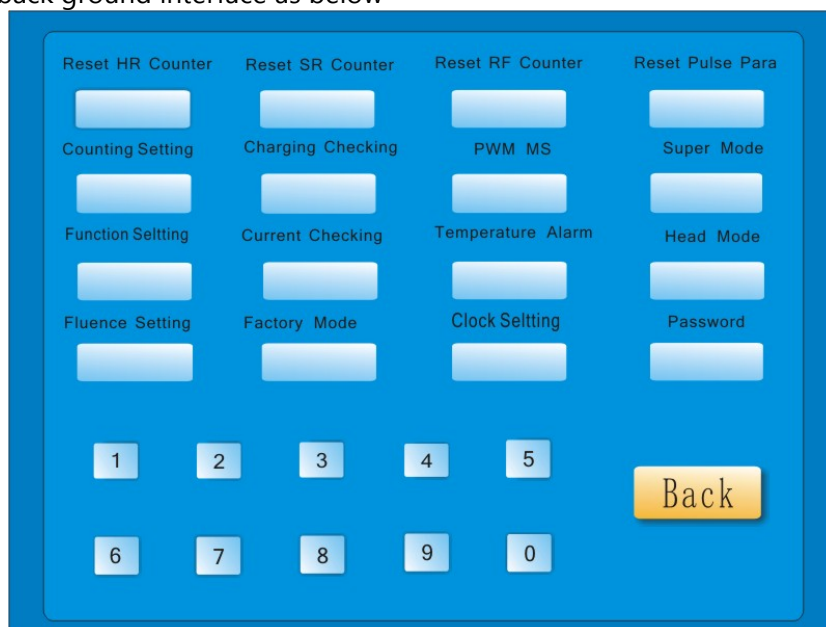
(5) . Time .date setting

Touch time, date first . and then adjust it by right arrow

(6) . Return to treatment menu

#### 4. background interface(adjust the basic setting )

Touch  for 5 seconds on the settings interface(picture 6) ,and then will automatically enter into back ground interface as below



Picture 7

1. Reset HR Counter: touch for clearing it into zero;
2. Reset SR Counter: touch for clearing it into zero;
3. Reset RF Counter: touch for clearing it into zero; ;
4. Reset Pulse Para: touch for all of the parameter recovery ;
5. Counting Setting: total counter setting, the machine will be stopped to use after the total counter setting over , touch for setting .continue to touch .default for 1000000, setting range 0~9999999.
6. Charging Checking: power supply recharge detection, default for turning on,don't change it ;
7. PWM MS: first pulse width and second pulse width adjustment,touch for circulation adjustment from 0、20、30、40、50ms。Default situation for 10ms
8. Function Setting: set eight . IPL . RF separately .it will be reserved automatically after setting . it will keep last setting when you turn it on next time
9. Current Checking: water current detection switch , yes for on, no for off;
10. Temperature Alarm: water temperature protection setting, touch to change into 0.touch the number on the below .touch it again will be reserved , recommed 55 degree ;
11. Head Mode: setting system handle number, 0 for one handle, 1for two

handle; 2 for three handle

12. Fluence Setting: energy reserve setting . yes for energy value reserve .no for energy value not reserved

13. Factory Mode: =

Setting the most output voltage of power supply , 60-65cm lamp choose 400, 45-50lamp choose 350 . (75nmlamp choose 550. ensure to use 550v output power supply ) if mistaking chooce will make the power supply or lamp broken .

14. Clock Setting: time setting in IPL/ELIGHT , YES-for on, NO-for off

15. Password: password input and set, (1) default password:1234

( 2 ) please directly input password after entering into background interface, before input password. the password display is "enter" 。 It will show ok after enter into password in 4 number correctly. If the password is wrong, it will show "error", touch the error, you can input the password again.

( 3 ) clear password. touch below "back" around 3 seconds .password will recover 1234.

( 4 ) change password. First input original password. And then touch password about 3 seconds . it will show "set" you can enter new password. and later the password will show "save" and reserve automatically (PS: above process. you can do it after input the original password )。

## 5 Enter into screen calibrating

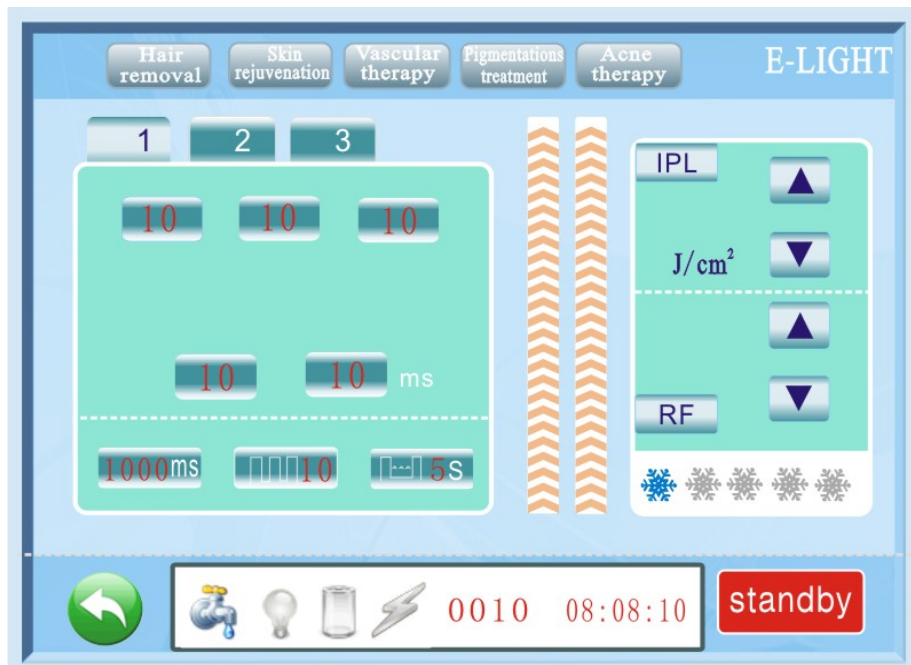
Touch the lower left area of the opening interface for about 5s, and then release the button to enter into screen calibrating. You can calibrate the screen according to the white dot tips.

## 6 IPL system Treatment Interface

After choosing IPL mode in the setting interface, system will automatically enter into IPL treatment function if you turn on the machine again.



图 8



Same operation methods and functions as E-LIGHT

## 6. RF system

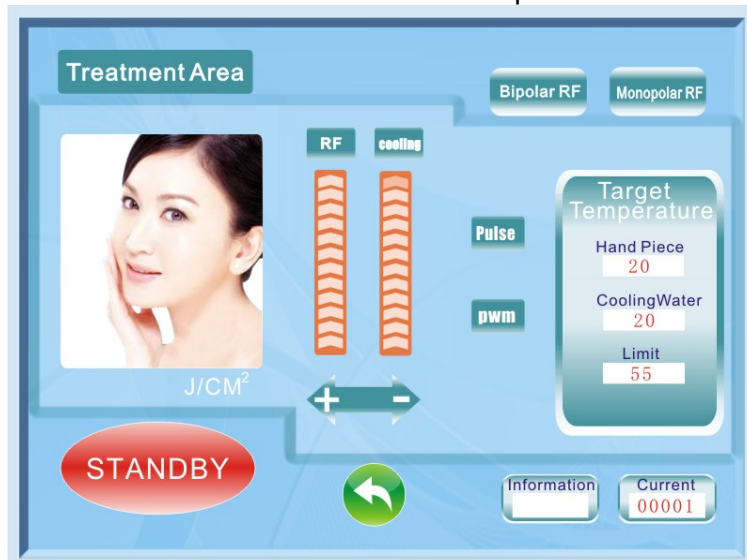
operation Screen (as picture 9)

After choosing RF mode in the setting interface, the system will automatically enter into RF treatment function if you turn on the machine again.



Picture 9

Touch "enter" to enter into RF menu interface as picture 10



Picture 10

After entering into RF mode, default bipolar rf for face TREATMENT, at the same time invalid for unipolar. Treatment area can be switched under both unipolar and bipolar. Default RF energy for face is 10J/CM<sup>2</sup>, default RF energy for body is 15J/CM<sup>2</sup>, adjustment range is 1~50.

## Function Illustrate In Treatment Interface:

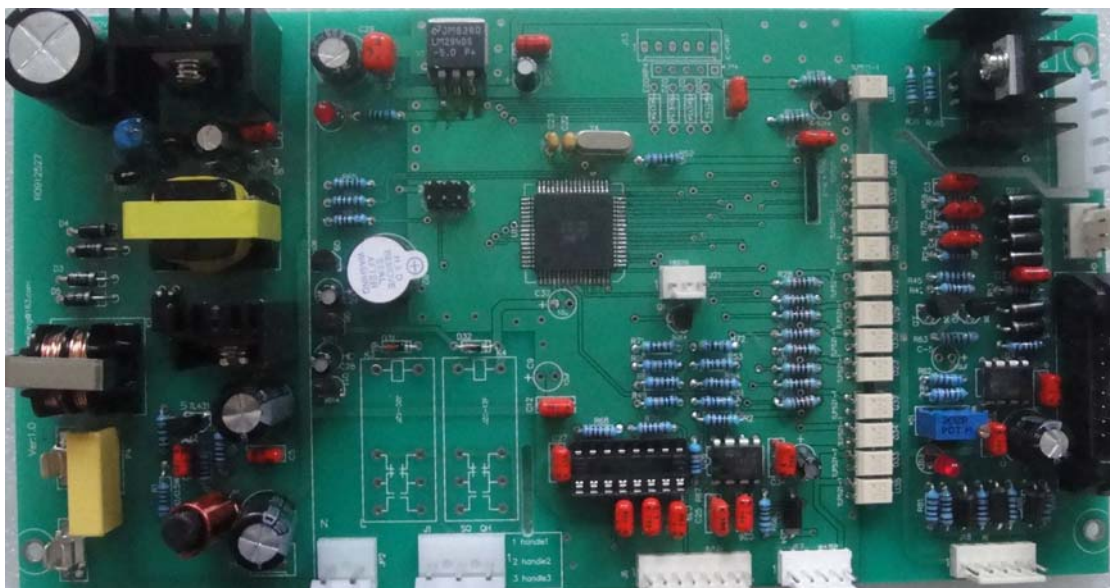
1. STANDBY: Click this button to enter into ready status, at this time, tread the pedal or touch the button in the handle, and the energy of bipolar handle will go out. (the bipolar works under the default state).
2. RF Energy Adjustment: Click RF button, after RF button's color changed, to touch the modified key under the energy pole to adjust the RF energy. Also can directly click the energy pole to adjust. Energy adjustment range is 0-50J.
3. Hand Refrigeration Adjustment: Click "COOLING" button, after button's color changed, to touch the modified key under the energy bar to adjust the temperature. Also can directly click the energy bar to adjust. Energy adjustment range is 1-5.
4. BIPOLAR RF (Bipolar Switch Button): When opening the machine, it is default bipolar, so no need to touch the button. Only after switching MONOPOLAR RF, the button is needed.
5. MONOPOLAR RF (Monopolar RF Switch Key): Click this key to switch to be monopolar mode, in this case, touch " STANDBY" button to become ready status, then tread pedal or touch the switch in the handle, the energy of monopolar handle will go out.
6. TREATMENT AREA (Switch Key for Small and Big heads of Monopolar): The icon below this key is body under the default state, and the monopolar RF energy is the strongest. After click " TREATMENT AREA" key, the icon is changed to be face, and the monopolar RF energy is lower.  
Please notice that the small head and the big head can't be switched mutually during monopolar treatment, which can be done only in the " STANDBY" status.
7. INFORMATION (display system information):
  - When water circulation is abnormal, flash showing " Water Error";
  - When water temperature is too high, flash showing " Temp High";
  - When pedal is abnormal, flash showing " Foot Error";
  - When there is no count, flash showing " No Count".
8. CURRENT (counter): After opening the machine, show the current working times, touch the display area for about 2s to clear the current count.
9. TARGET TEMPERATURE (temperature display):
  - HAND PIECE shows the temperature of handles.
  - COOLING WATER shows the temperature of water.

LIMIT means the default water temperature with 55°C, it can be modified in the project interface.

10. PWM mode & PULSE mode: Default PWM (continuous) output. Click "PULSE" to switch to PULSE mode output.

## 8. circuit diagram

(picture 11)



1. JP2: 220AC input 1 for L, 2 for N
  2. J1: option handle, it is only used for two handle and three handle. When it is two handle .1 for hair removal 2 for skin rejuvenation and other treatment function, when it is three handle ,1 for hair removal .2 for skin rejuvenation 3 for spot removal and other function J6: connection line with screen
  3. J17:water current and temperature: 1, 2 for temperature. 3, 5 water current switch.
  4. J18:RF control dateline
  5. J19:IPLcontrol dateline
  6. J20: handle switch line, 1, 2 for hair removal switch;3, 4 for skin rejuvenation and other function. For one handle . 1, 4pin combine, 2, 3 for choose anyone of them.
- J12:cooling control line, 1 cooling cathode, 2 cooling anode, 3,12V input anode, 4, 12Vinput cathode

## 9.Power Supply

The power supply is specially designed for IPL beauty machine, adopting the high power and high frequency series resonance switch technology, having the features of big output power, compact structure, stable performance, etc.

Unique ADC (Auto Discharge Control) technology, making the output voltage automatically decrease following the signals of controller, and avoid the first discharge pulse output energy being excessive, make the treatment safer.

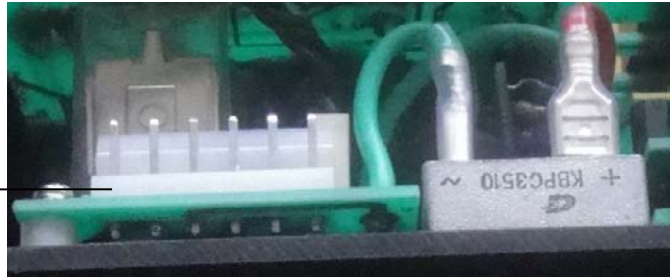
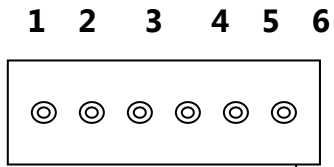
The power supply is made by Beijing medical beauty commerce co.,ltd

**Specific Indicators as following:**

Items	Parameters
Power Supply	220VAC ± 15%
Output Power	2000W
Single Pulse Energy	1600J
Repeated Frequency	1/s
Maximum Pulse Width	30ms
Output Voltage	0~400V adjustable
Output Load	Interelectrode distance 50~100mm pulse xenon lamp
Power Volume	250mm × 190mm × 123mm (L*W*H)



**power supply input connector**



1, 4 for 220V/AC input switch

2, 3 for 220V/AC output

5, 6 for key

## 10. Power Supply of RF:

### 1. Technical Parameters

Input Voltage: 110V or 220V AC  $\pm 15\%$

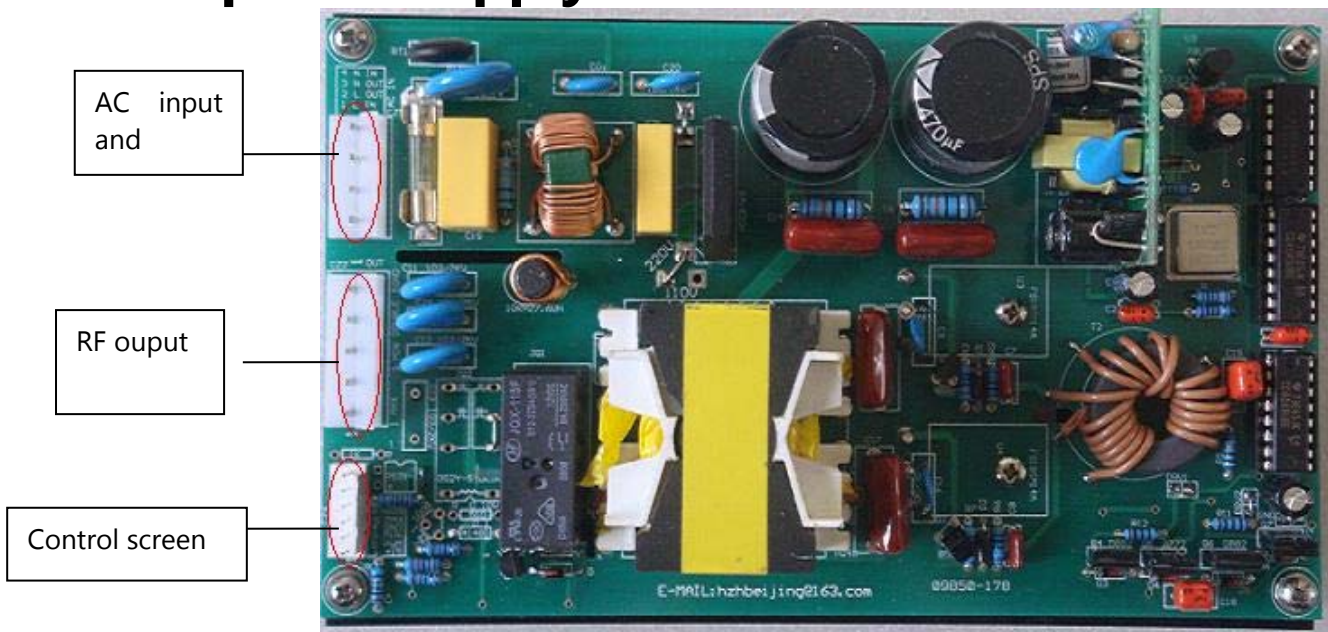
Output Power: Monopolar 300W; Bipolar 60W

Output Frequency: 1Mhz

Input Electricity: 3A

Size of Power Supply: 170\*103\*76

## 2. power supply connector



### 3 Illustration of Connector:

- 1) AC connector: 1 & 4 for 220V AC input, 2 & 3 for 220V output
- 2) RF output connector: 1 for monopolar RF big head output  
3 for monopolar RF small head output  
4 for bipolar RF output  
5 for both monopolar RF and Bipolar RF output

## 11 .Clinic operating parameters

①. Hair removal treatment----640nm (you can choose the professional hair removal handle and changeable filter handle . we advise you choose the professional hair removal handle )

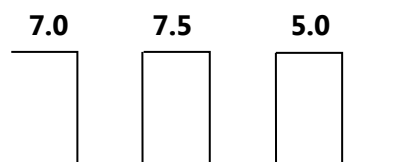
- a. 3-5 treatments as one period.
- b. Every 2 weeks for the first 3 treatments, then do every 4 weeks after. Because the hair has its own growth period and dormant period, so it's effective to remove the hair in growth period, 3-5 treatments.
- c. Feelings in the treatment: some stinging & heat sensation on skin. Generally, 3-8 hours after the treatment, a little inflamed feelings on skin. Lightly tweezer the hair root, naturally shedded and no pain, which means the best effect.
- d. Effect of cooling gel: cooling and light transfer
- e. Usage:
  1. Clean skin
  2. Spread the cooling gel on the treatment area before treatment, about 3mm thickness; and scrape the gel 20minutes later after the treatment.
  3. Keep spot of overlap 1-2mm
- f. Parameters:

**To black skin:**

**Discharge interval: 4s**

**Pulse Number: 6**

**RF delay: 500ms**



12 12

Ipl energy: suggest start from 10J

RF energy: suggest start from 5J

According to the actual condition of patients, to adjust the Ipl or RF energy in turn.

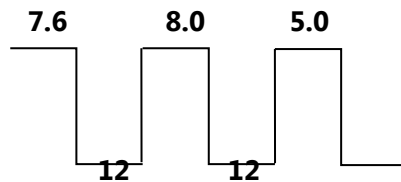
**Attention:** the black skin is easy to absorb energy, so take special care IPL & RF energy adjustment in the actual treatment.

**To yellow skin:**

Discharge interval: 4s

Pulse Number: 6

RF delay: 500ms



Ipl energy: suggest start from 10J

RF energy: suggest start from 5J

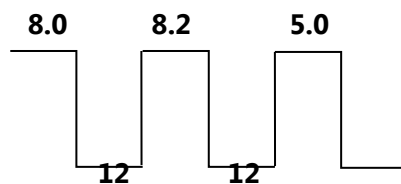
According to the actual condition of patients, to adjust the Ipl or RF energy in turn.

**To white skin:**

Discharge interval: 4s

Pulse Number: 6

RF delay: 500ms

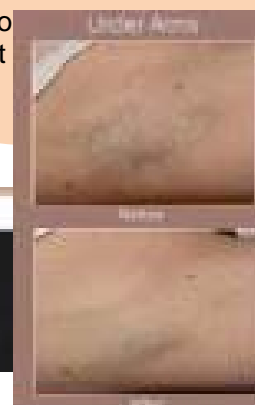


Ipl energy: suggest start from 10J

RF energy: suggest start from 5J

According to the actual condition of patients, to adjust the Ipl or RF energy in turn.

**Attention:** It can be increasing the value, according to generally, the best treatment tissue, which is acceptable.



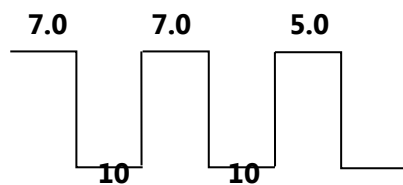


②. **Winkle removal / skin rejuvenation ----530nm**

- a. 1-3 or 3-6 treatments as one period.
- b. Every 3-4 weeks for one treatment. Because the human metabolism period is 3-4 weeks, the stimulated collagen fiber tissues and flexibility fiber tissues will be steady along with the metabolism.
- c. Feelings in the treatment: some stinging & heat sensation on skin
- d. Effect of cooling gel: cooling and light transfer
- e. Usage:
  - 1. Clean skin
  - 2. Spread the cooling gel on the treatment area before treatment, about 3mm thickness
  - 3. Keep spot of overlap 1-2mm
- f. Parameters:

**To black skin:**

**Discharge interval: 3s    Pulse Number: 3    RF delay: 500ms**



**Ipl energy: suggest start from 10J**

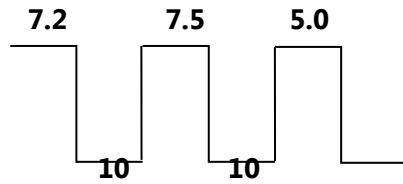
**RF energy: suggest start from 5J**

**According to the actual condition of patients, to adjust the Ipl or RF energy in turn.**

**Attention:** the black skin is easy to absorb energy, so take special care IPL & RF energy adjustment in the actual treatment.

**To yellow skin:**

Discharge interval: 3s    Pulse Number: 3    RF delay: 500ms



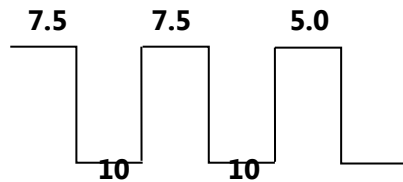
Ipl energy: suggest start from 10J

RF energy: suggest start from 5J

According to the actual condition of patients, to adjust the Ipl or RF energy in turn.

**To white skin:**

Discharge interval: 3s    Pulse Number: 3    RF delay: 500ms



Ipl energy: suggest start from 10J

RF energy: suggest start from 5J

According to the actual condition of patients, to adjust the Ipl or RF energy in turn.

**Attention:** It can be increasing the value, according to the actual conditions of the patients; generally, the best treatment results are stinging sensation under tissue, which is acceptable.

③. **Vascular**



**treatment-----480nm**

a. 1-3 or 3-6 treatments as

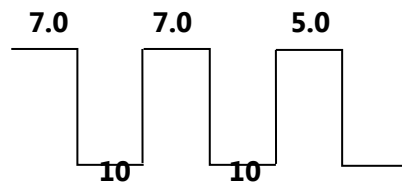
one period.

b. Every 3-4 weeks for one treatment. Because the human metabolism period is 3-4 weeks, the stimulated capillary vessel tissues will be shrinking and steady along with the metabolism .

- c. Feelings in the treatment: some stinging & heat sensation on skin.. A little inflamed feelings on skin after the treatment.
- d. Effect of cooling gel: cooling and light transfer
- e. Usage:
  1. Clean skin
  2. Spread the cooling gel on the treatment area before treatment, about 3mm thickness; and scrape the gel 20minutes later after the treatment.
  3. Keep spot of overlap 1-2mm
- f. Parameters:

**To black skin:**

**Discharge interval: 3s    Pulse Number: 4    RF delay: 500ms**



**Ipl energy: suggest start from 10J**

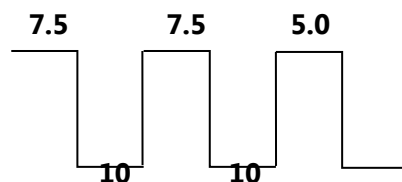
**RF energy: suggest start from 5J**

**According to the actual condition of patients, to adjust the Ipl or RF energy in turn.**

**Attention:** the black skin is easy to absorb energy, so take special care IPL & RF energy adjustment in the actual treatment.

**To yellow skin:**

**Discharge interval: 3s    Pulse Number: 4    RF delay: 500ms**



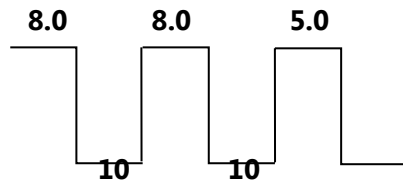
**Ipl energy: suggest start from 10J**

**RF energy: suggest start from 5J**

**According to the actual condition of patients, to adjust the Ipl or RF energy in turn.**

**To white skin:**

Discharge interval: 3s    Pulse Number: 4    RF delay: 500ms



Ipl energy: suggest start from 10J

RF energy: suggest start from 5J

According to the actual condition of patients, to adjust the Ipl or RF energy in turn.

**Attention:** It can be increasing the value, according to the actual conditions of the patients; generally, the best treatment results are stinging sensation under tissue, which is acceptable.

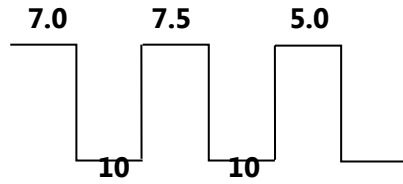


#### ④. Pigment treatment---590nm

- 1-3 or 3-6 treatments as one course.
- Every 3-4 weeks for one treatment. Because the human metabolism period is 3-4 weeks, some decomposed pigment cells are phagocytosed by the lymphocyte, and expel from the body along with the metabolism.
- Feelings in the treatment: some pain feelings like needle pricking. 3-30 minutes after the treatment, pigment will be darker. Pigment scab will shed 3-7 days later.
- Effect of cooling gel: cooling and light transfer
- Usage:
  - Clean skin
  - Spread the cooling gel on the treatment area before treatment, about 3mm thickness; and scrape the gel 20minutes later after the treatment.
  - Keep spot of overlap 1-2mm
- Parameters:

**To black skin:**

Discharge interval: 4s    Pulse Number: 5    RF delay: 500ms



Ipl energy: suggest start from 10J

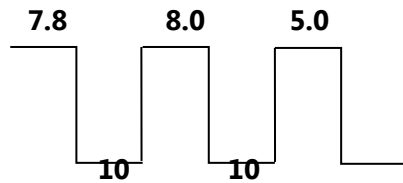
RF energy: suggest start from 5J

According to the actual condition of patients, to adjust the Ipl or RF energy in turn.

**Attention:** the black skin is easy to absorb energy, so take special care IPL & RF energy adjustment in the actual treatment.

**To yellow skin:**

Discharge interval: 4s    Pulse Number: 5    RF delay: 500ms



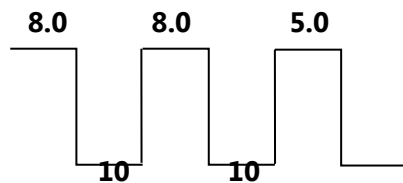
Ipl energy: suggest start from 10J

RF energy: suggest start from 5J

According to the actual condition of patients, to adjust the Ipl or RF energy in turn.

**To white skin:**

Discharge interval: 4s    Pulse Number: 5    RF delay: 500ms



Ipl energy: suggest start from 10J

RF energy: suggest start from 5J

According to the actual condition of patients, to adjust the Ipl or RF energy in turn.

**Attention:** It can be increasing the value, according to the actual conditions of the patients; generally, the best treatment results are stinging sensation under tissue, which is acceptable.



### ⑤. Breast lifting and acne

#### treatment----690nm

1. Assistant products advice:

breast plumping essential oil  
breast massage cream

2. Operation area:

It's not allowed that do treatment on the small ring of dark color around the nipple of breast (including the nipple of the breast)

3. Operation steps:

- skin cleaning: anti-sensitive cleaning cream
- skin shrinking: soft water
- spread some breast plumping essential oil on breast and massage about 10-15minutes.
- Put cooling gel on treatment area, about 2-3mm thickness
- Hold the treatment handle, slide the probe on breast back and forth.

Generally, hot sensation on breast means perfect treatment.

4. Operation time:

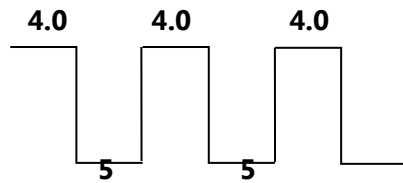
- 1-3 or 3-6 treatments as one treatment period. Frankly speaking, it should a treatment for long-period, to the best result. Meanwhile, personal or professional nursing is also important.
- Every 1-2 weeks for one treatment. The treatment theory is that stimulating the renewal of the mammary gland cells, and enhancing the ligament tissue,

to plump the breast naturally. Because the human metabolism cycle is 3-4 weeks, the stimulated capillary vessel tissues will be shrinking and steady along with the metabolism.

c. Parameters:

**To black skin:**

**Discharge interval: 3s    Pulse Number: 3    RF delay: 500ms**



**Ipl energy: suggest start from 10J**

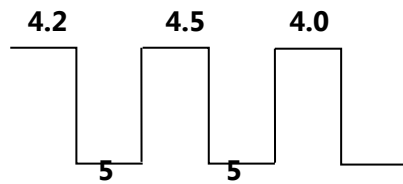
**RF energy: suggest start from 5J**

**According to the actual condition of patients, to adjust the Ipl or RF energy in turn.**

**Attention:** the black skin is easy to absorb energy, so take special care IPL & RF energy adjustment in the actual treatment.

**To yellow skin:**

**Discharge interval: 3s    Pulse Number: 3    RF delay: 500ms**



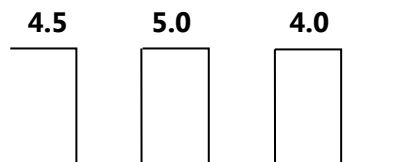
**Ipl energy: suggest start from 10J**

**RF energy: suggest start from 5J**

**According to the actual condition of patients, to adjust the Ipl or RF energy in turn.**

**To white skin:**

**Discharge interval: 3s    Pulse Number: 3    RF delay: 500ms**



5 5

**Ipl energy: suggest start from 10J**

**RF energy: suggest start from 5J**

**According to the actual condition of patients, to adjust the Ipl or RF energy in turn.**

**Attention:** It can be increasing the value, according to the actual conditions of the patients; generally, the best treatment results are hot sensation under tissue, which is acceptable.



**Note:** when try to single use RF, can be used to wrinkle removal, skin rejuvenation; generally, its value starts from 12, then increase according to the actual condition of patients; generally, to the best treatment result is stinging&heat on skin

**Above all operation must consider the actual sense of the patients.**

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