

bowket

# 4 IN 1 Beauty Machine User Manual

(Double IPL+Laser+RF)



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## 1.IPL Introduction:

IPL is a set of skin cooling technology, multi-band intense pulse light treatment technology as one of the intelligent, non-stripping skin reconstruction system. Magneto-optical combination of the above-mentioned technology, for different skin types and patients with different skin problems, given the targeted program. In the premise of adequate protection of the epidermis (epidermal cooling technology), the use of magneto-optical technology can be a unique decomposition of the epidermis and dermal spots within the pigment (such as: zygomatic brown glider mole, etc.), so that the maximum energy to focus on the dermis Of the collagen tissue and the hair follicle of the papilla area. The use of magneto-selective light and heat principle can enhance the effect of rejuvenation, freckle and hair removal, in patients with no obvious pain and side effects in the case of skin reconstruction and hair removal

## 2.IPL Features

- A, comprehensive treatment, the overall improvement of facial skin condition.
- B, without downtime without a vacation, noninvasive non-invasive, no need to apply anesthetic ointment
- C, the time is short, only 15 to 20 minutes each time
- D. a wider range of treatment, can cure the light can not achieve a variety of deep spots, small hair, the effect is more significant
- E. no side effects, can be normal face, makeup

## 3. Effect of IPL effect

- (1) can stimulate the activation of collagen mother cells, so that its newborn collagen, tightening the skin to reduce wrinkles
- (2) compact pores appear matte finish, like a silky smooth skin
- (3) rejuvenation, farewell skin color bleak, uneven skin tone
- (4) to remove the shallow spots, while improving part of the dermis layer spots. Facial light spot -

dark spot, freckles

(5) hair quickly quickly get rid of

(6) to improve facial superficial microvascular disease, microvascular expansion, vascular skin ulcers

(7) to improve acne, smallpox in India, acne and so on

#### **4. Instrument operation flow**

A, must use distilled water or pure water, add water to overflow wells prevail, 15-30 days for a water.

B, each time after the water, the gun should be placed on the ground, water cycle five to ten minutes.

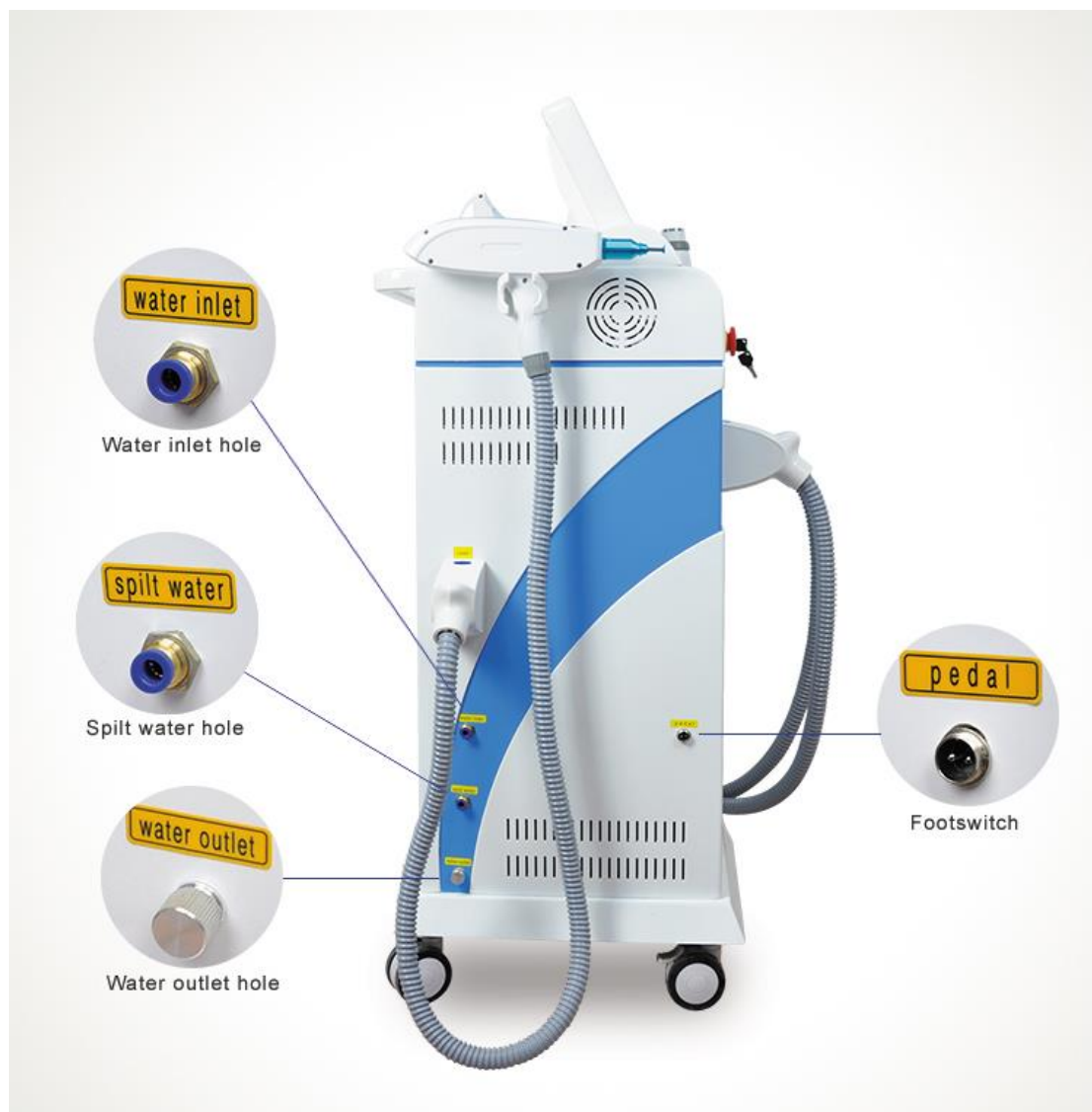
C, the instrument temperature can not exceed 55 °C, more than 55 °C after the instrument will automatically alarm, you must stop working and replace the water.

D, operation, the instrument of the water, overflow, plug to remove, is strictly prohibited in the heat source at the operation

Photo 1



Photo 2



## 5.IPL project parameter adjustment

**HR Handle**



**SR Handle**



Note: pink handle specifically for hair removal project; light blue handle freckle, rejuvenation, acne, dilute red blood and other items

### **Main interface:**



**360 hair removal general parameters adjustment diagram:**

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**(Hair removal treatment energy from 1 start tone, the operating frequency of 5hz, pulse width of 3.0ms;)**

**Magnification of general parameters of magneto - optical system:**





**Magnetism of the treatment parameters table:**

Nursing care	The number of pulses	Pulse cycle	First pulse width	interval	Electric energy	IPL energy
Whitening	5T	2S	deep: 6.8—7.4 shallow: 7.5—8.0	20 25	5—8	15 start up and add
Freckle	2T	2S	deep : 6.8—7.4 shallow : 7.5—	20 30	5—8	15 start up and add

			8.0			
Rejuvenation	3T	2S	Partial white : 7.5—8.0 Moderate : 7.0— 7.5 Partial black : 6.0—6.5	10 20 30	5—8	15 start up and add
Remove red blood	3T	2S	Partial white : 7.5—8.0 Moderate : 7.0— 7.5 Partial black : 6.0—6.5	10 20 30	5—8	15 start up and add
Acne acne	3T	2S	Partial white : 7.5—8.0 Moderate : 7.0— 7.5 Partial black : 6.0—6.5	10 20 30	5—8	15 start up and add

### Magneto-optical care process:

- 1) **Choose a nursing item:** According to the customer's skin condition and needs, select the appropriate care items.
- 2) **Customer registration:** Detail the customer file information, take pictures and archive before treatment, the establishment of customer profile files, and confirm the treatment project.
- 3) **Treatment site planning:** Should be based on the specific circumstances of the skin to develop a prominent focus on the treatment program.
- 4) **Introduce the treatment plan:** To the customer details of the care program, so that customers a comprehensive understanding of the skin before and after all the reflection and care should pay attention to matters.
- 5) **Tool preparation:** All items required for operation before operation: small bowl, scraper, absorbent cotton, gel, alcohol cotton, and instrument use care accessories.
- 6) **Clean treatment site:** Thoroughly clean the skin and keep the skin dry; and beautician hands and equipment care bald disinfection, to ensure the operation of the aseptic.

(Note: Before treatment, customers should wear the ring, watch, necklace and other metal products removed)

**Connect and check the instrument:** Connected to the instrument power supply and various accessories, the panel on the LCD screen is off state. Check the correct working status.

### 7) Magneto-optical treatment stage:

1) **start up:** Open the instrument power switch, the instrument display light, the system circuit immediately into the self-test state, the operator in this case should allow the instrument to run their own 5 minutes before proceeding.

Note: If the power switch is turned on and the display is still off, check that the emergency stop switch is reset. Rotate the emergency stop switch in the correct direction to reset the emergency stop switch. The instrument enters the standby mode.

2) **Preheating:** Preheat the instrument for at least three minutes, do not turn on the lights.

Purpose: to fully circulate the water in the water pipe, so as to avoid the smooth circulation of many times caused by bald gun phenomenon, to ensure the safety of operation.

3) **shave:** Scrape off the face of excess hair, forehead, eyebrows, two sideburns, cheeks, lips and other hair. (Two minutes)

Purpose: hair is black, the operation will absorb part of the black light, the skin will absorb the light will be reduced, reducing the nursing effect; black hair absorption process will increase the care of the tacit taste, so to scratch the hair ; If not scrape the hair, absorb the light of the small fluff will remain in the skin epidermis part of the heat, may increase the skin's sensitivity.

4) **Coated with gel:** Magneto-care is a gel;

In the care items, care parts must be evenly coated 2-3mm thick cold gel (two minutes) (If the hair removal project need to scratch the hair (slightly stay a little) and then coated with cold gel).

Role: cold gel is a light guide agent, a town net, cooling, light guide the role. Cold gel is forbidden to be used repeatedly.

Taboo: coated with cold gel to avoid the eyes, eyebrows, lips, which belong to the forbidden area.

5) **Eye protection:** Require the caregiver to close his eyes and cover the eyes with wet cotton or professional goggles.

Role: to avoid the caregiver to see the light and tension, play a role in appeasement.

6) **Check allergy:** Adjust the safety parameters at the ear root to do two to three spots, observe the three minutes.

Action: Do not continue to operate.

7) **operating:** Reconfigure the parameters for the order of the operation. (Twenty minutes or so)

8) **Fumian:** After the end of the operation will be cold gel to stay in the face for about 20 minutes, if the care after a larger reflection, red holding time longer cold water or ice water can be applied to the red.

9) **Cleaning:** With cold water cleaning care parts of the cold gel, apply care after repair products

a) Care of pigment problems, the first seven days of non-alcoholic products to pay the essence of water and repair the original 7 days, seven days after the evening to continue to repair the essence of repair, other skin care products normal.

b) Care of general skin problems, the first seven days of repair repair water products 7 days, seven days later at night other skin care products normal.

**note:**

a) Ask customers before surgery: whether the skin is sensitive, allergies, whether the history of care and care after the response, fill in the caretaker file form. The customer's skin completely understand the better to master the parameters of regulation. Before the operation must inform the customer care will feel and what will change the skin.

b) Before operation to inform the caregivers have a slight tingling, so as not to panic.

c) Operation from the safety energy value (1-10 for the safety energy value) start, ask the caregiver feel, according to customer experience, adjust the appropriate energy.

d) Operation, the light spot from the bottom to the top of the close arrangement, a stack of one-third of the parameters in the appropriate circumstances, to prohibit repeated exposure to a certain location, repeated exposure to heat accumulation may directly cause skin irritation and burns;

e) Magneto-optical bald head to fit the skin vertically, should not be too tight or leave the skin (called virtual contact), virtual contact can (avoid) cause severe skin care after the reaction.

F) During the operation to observe the changes in the skin of the customer at any time, and listen to the caretaker to reflect the skin tingling sensation, according to these two points at any time to exchange parameters. (Care of a variety of skin problems to adjust the parameters and care of the skin feel the skin is different, please see the parameters of the table)

G) If the operation of a large area of illness care, the instrument chassis cooling water will quickly heat up, then feel if the operation handle hot, please immediately suspended, you can take the replacement of cold water or let the water cooling and then do care, otherwise it will be detrimental Important parts of the instrument.

**The steps of the magneto-optical project:**

一、 **Freckle:** 1、 Clean the skin 2 Operated parts evenly coated with cold gel 3、 Tip operation: the tip of the head close (not squeeze, is in contact with the skin, like stickers) skin epidermis play, in the spot parts next to a part of the fight) 4、 Back and forth to play more than 3 times, until you see the deepening of the skin to see the skin is better 5、

Apply a thick layer of cold gel about 10 minutes to clean and clean (smear repair growth factor)

二、 **Hair removal:** 1、 Trim hair (2-3 mm) 2、 clean 3、 Apply a thin layer of cold gel 4、 Tip operation (the tip of the mouse close to the skin to play, a part next to a part of the fight) 5、 See the effect: playing 3 to 5 times (see the hair slightly curled or smell a hairy smell can be) 6、 Apply a thick layer of cold gel about 10 minutes to clean or can be coated with repair growth factor。

三、 **Whitening rejuvenation:** 1、 Clean the operation site 2、 Are coated with cold gel 3、 The tip of the operation (the tip of the skin close to the skin to play, a part next to a part of the fight) from the chin to the cheek and then to the forehead to play back and forth 3 to 5 times 4、 Apply a thick layer of cold gel about 10 minutes to clean and clean (smear repair growth factor)

四、 **Acne:** 1、 Clean the operation site 2、 Are coated with cold gel 3、 The tip of the operation (the tip of the skin close to the skin to play, a part next to a part of the fight) from the chin to the cheek and then to the forehead to play back and forth 3 to 5 times 4、 Look at the effect: acne redness is better 5、 Apply a thick layer of cold gel about 10 minutes to clean and clean (smear repair growth factor)

5, dilute the red blood: 1, clean operation parts 2, are coated with cold gel 3, the tip of the operation (the tip of the skin close to the skin to play, a part next to a part of the fight) from the chin to the cheek and then to the forehead, Back and forth to play 3 to 5 times 4, red blood parts become dark red or red purple is better 5, smear a thick layer of cold gel about 10 minutes clean and clean (smear repair growth factor)

**Note: all the items done 24 hours can not be exposed to hot water, not sun exposure, not sauna, with repairing growth factor repair skin, to avoid the phenomenon of pigment reflux**

<b>Laser</b>	<b>item</b>	<b>parameter</b>
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**adjustment**



project	energy	frequency
Black doll (black tip)	300 energy starts to increase according to blasting strength	3—5
1064 (yellow round lens tip)	300 energy starts to increase according to blasting strength	3—5
532 (blue square lens tip)	300 energy starts to increase according to blasting strength	3—5



Laser operation head function:

1. 1064 laser head, effectively remove the dark tattoo, tattoo, lip, eyeliner and traumatic pigmentation and freckles, etc.。
2. 532 laser head, suitable for the treatment of red or tan tattoo, tattoo, lip line, eyeliner. And can effectively dilute the red or brown birthmark and all kinds of shallow spots and so on.
3. 1320 black face doll probe, with toner treatment whitening rejuvenation, oil control, shrink pores and so on

## **Laser project operation**

**1064 Tip: 1, adjust the energy began to use the laser tip to align the operation site (about 5 cm distance) 2、** A part next to a part of the fight, until you see micro-oozing can, (smear repair growth factor)

**532 Tip: 1, adjust the energy began to use the laser tip to align the operation site (about 5 cm away from) 2、** A part next to a part of the fight, until you see micro-oozing can, (smear repair growth factor)

**Black face doll tip:** 1、 Clean treatment site 2, evenly coated with medical toner (to be 8-10 minutes) to allow it to absorb the pores 3、 Adjust the energy began to use the laser tip on the operation part of the play (about 10 cm distance) a part next to a part of the fight until the toner into the smoke can disappear 4、 Clean with a facial cleanser, then fill the water mask

**Note: 1064,532 tips after 48 hours of treatment can not touch the water, black face doll after treatment 24 disappeared without contact with hot water, with the use of repair growth factor**

**RF**

**operation**





**Parameter adjustment reference drawing:**



**(RF treatment energy from 5 start tone, pulse interval 2-3, the pulse width of 300ms;)**

## **Treatment range:**

- ◆ Improve the arm, calf, thigh, buttocks, waist, back, abdomen fat and reshape body contour.
- ◆ Improve and treat the orange peel adipose tissue
- ◆ Circulation and activation of cells, promote metabolism, promote collagen and elastic fibers, improve the skin of the face and body.

## **characteristic:**

1. There is no need for surgery and anesthesia after the whole process is

complete.

2. Does not cause this phenomenon of uneven skin.
3. Will not cause this phenomenon of bleeding, swelling, blood stasis.
4. No side effects of the risk, and get the weight back, the result is quite obvious.
5. Noninvasive treatment does not affect normal work and life.

## Leg

Treatment time: 30 minutes<sup>1</sup>.

From bottom to top, pushed to the groin lymphatic dredge.



2. From bottom to top, by counterclockwise around, can help break the greasy



3. But also to promote the decomposition of greasy.



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**4. Pull it up from the knee and muscle texture.**

**Treatment time: 20 to 30 minutes**

**1. Along the direction of the lymph, pulled to the waist.**



**2. From top to bottom, through counterclockwise gestures,**



**go back and forth.**

**3. Along the muscles of the arm, pulling from the top down.**

## **Back**

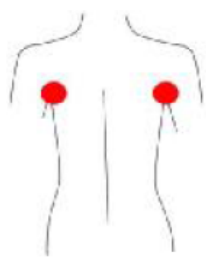
**Treatment time: 20 to 30 minutes**

**1. First through the back and forth, to promote the bladder**



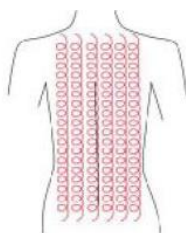
nerve 2 to 3 times。

**2. Extend the axillary lymph nodes by counterclockwise**



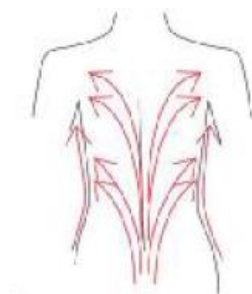
hovering。

**3. Back, through the counterclockwise hover, can help break**



the greasy。

**4. The use of lymphatic drainage system, the toxins through the lymph nodes, can help improve the back curve。**



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## Arm

**Treatment time: 30 minutes**

### **1. From the elbow to the armpit, do lymphatic**



**detoxification.**



### **2. Around stimulating lymph nodes.**

**3. By counterclockwise or back and forth to promote the decomposition of greasy.**

**4. From the elbow to the armpit, do tighten the pull..**



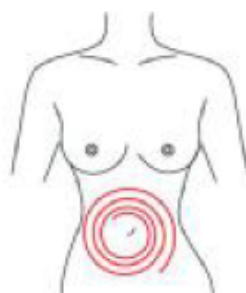
**positive**

### **1. From the elbow to the armpit, do tighten the pull.**

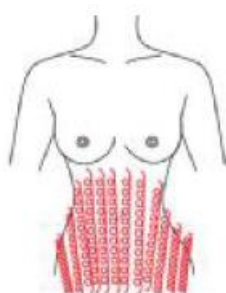
## Abdomen

**Treatment time: 20 to 30 minutes**

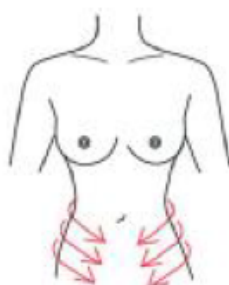
**1. From small circle to large circle, clockwise around the entire abdomen, can help the large intestine peristalsis.**



**2. Turn around by pushing counterclockwise.**



**3. From the belly and muscle texture, pulled into the groin.**



**4. Through the route of lymphatic drainage, the toxins from**



**the groin**

**Precautions (prohibited):**

**1. Pregnant women or women during menstrual period. The following are the same as the "**

**2. Epilepsy**

**3. Malignant tumor patients. The following are the same as the "**

**4. The patient's wound did not heal after surgery.**

**5. Acute inflammation or infectious disease. The following are the same as the "**

**6. People with heart disease or people with heart pacemakers.**

**7. (Gallstones) with kidney disease. The following are the same as the "**

**8. Embedded in metal parts or silicone parts. The following are the same as the "**

**9. Menstruation, fertility control period, urinary**



**incontinence period. The following are the same as the "**

**10. Genetic allergies.**

**Note**

- 1. Be sure to use a special ultrasonic gel. The following are the same as the "**
- 2. Avoid beating the treatment head. The following are the same as the "**
- 3. To avoid burning, prepare adequate ultrasonic gel during operation. 4. Do not stay in the same place, to avoid the bones of the operation. The following are the same as the "**
- 5. Do not use disinfectant products to disinfect the treatment head. We recommend wet cotton or dry towel cleaning. The following are the same as the "**
- 6. Check if the machine's power cord is connected. The following are the same as the "**
- 7. If the machine is not applicable, please shut down. The following are the same as the "**
- 8. Please take off all the metal trim operator and operator. The following are the same as the "**
- 9. If you continue to use for 1 hour, please pause for about 10 minutes and then use it again. 10. During surgery, must not accept other treatment.**

**Maintenance: This equipment is mainly composed of precision optical instruments or electronic equipment. Its maintenance and repair should meet the general requirements of precision optical instruments and electronic equipment. Replace the cooling water in the tank every week to prevent energy from falling. Storage and use to prevent bump, squeeze, vibration. It is recommended that after each treatment is completed, check the lens surface is attached to the splash, if any, with a lens paper or cotton swab dipped in anhydrous alcohol gently wipe the bald head**

## **VIII. 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

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.

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Thanks..

<b>Product name :</b>			<b>Purchase date:</b>			<b>deadline:</b>		
<b>Seller:</b>			<b>Add.:</b>			<b>Tel.:</b>		
<b>Customer:</b>			<b>Add.:</b>			<b>Tel.:</b>		
<b>Repair date</b>		<b>Reason of the fault</b>			<b>Repair content</b>			
<b>Maintain list</b>								