

OPT Beauty Machine User Manual

IPL LASER HAIR REMOVAL



Model No	RL-B071
LCD Screen	8 inch TFT true color touch screen
Wave Length	480/530/640-1200nm
Spot Size	IPL:15*50mm
Spot Temperature	0-5 °C
Cooling System	Water + Air + Semiconductor
Energy Density	IPL: 1-50J/cm2
Input Power	2500W
Power Supply	AC220V±10% 15A 50HZ , AC110V±10% 30A 60HZ
Package Size:	440*620*490mm
Life Times of Handpiece	IPL:150,000 shots



(8*40mm treatment handle piece)

Standard:

- 1) Hair removal (640nm~1200nm)
 - 2) pigment & wrinkle removal (530nm~1200nm)
 - 3) Skin rejuvenation & Vascular (480nm~1200nm)
- Optional:(430nm,560nm,590nm,690nm,750nm)**

—: **Splash Screen:**

Turn on the power switch device, the display into the interface.

SHR Treatment interface



E-light therapy interface

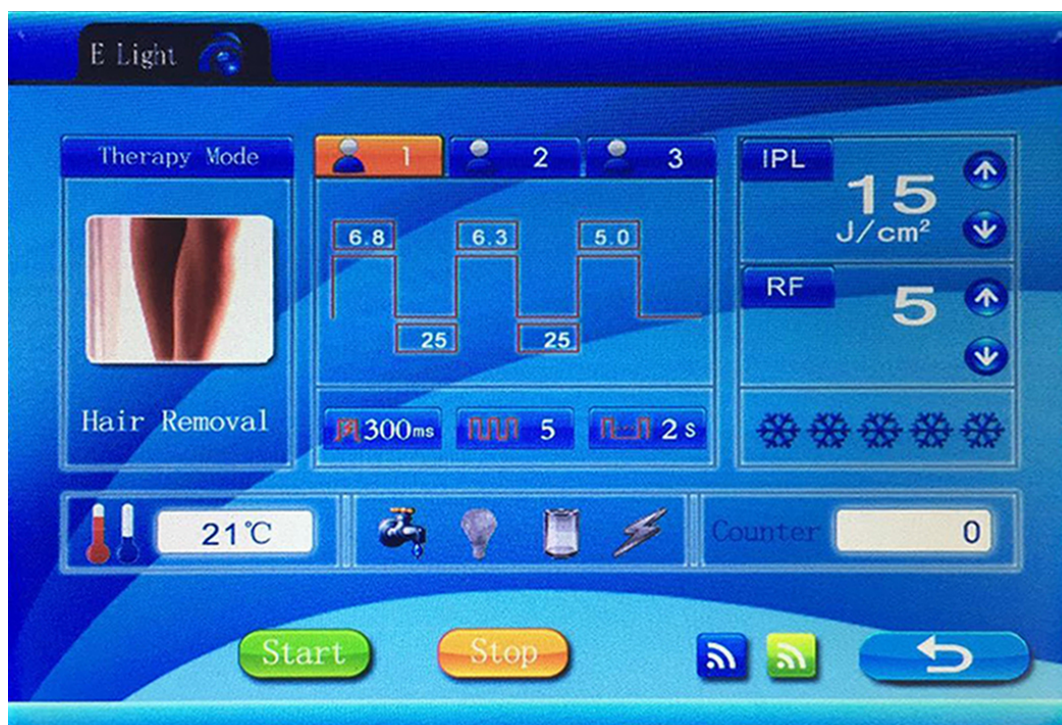
1) Skin rejuvenation



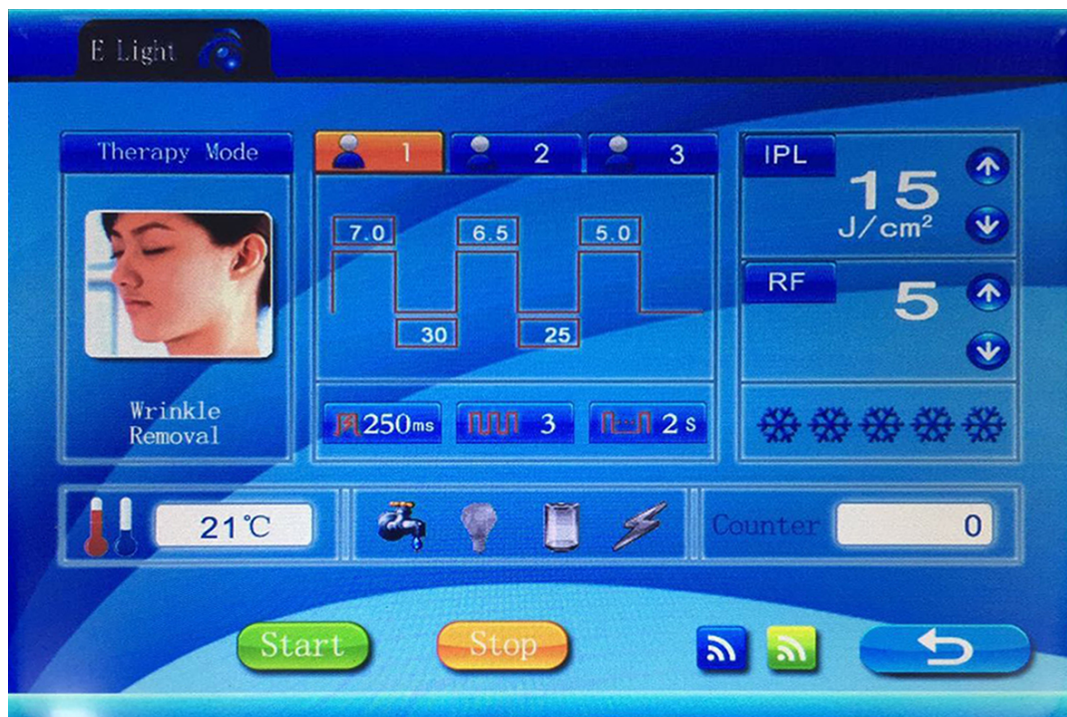
2) Vascular Therapy



3) Hair Removal



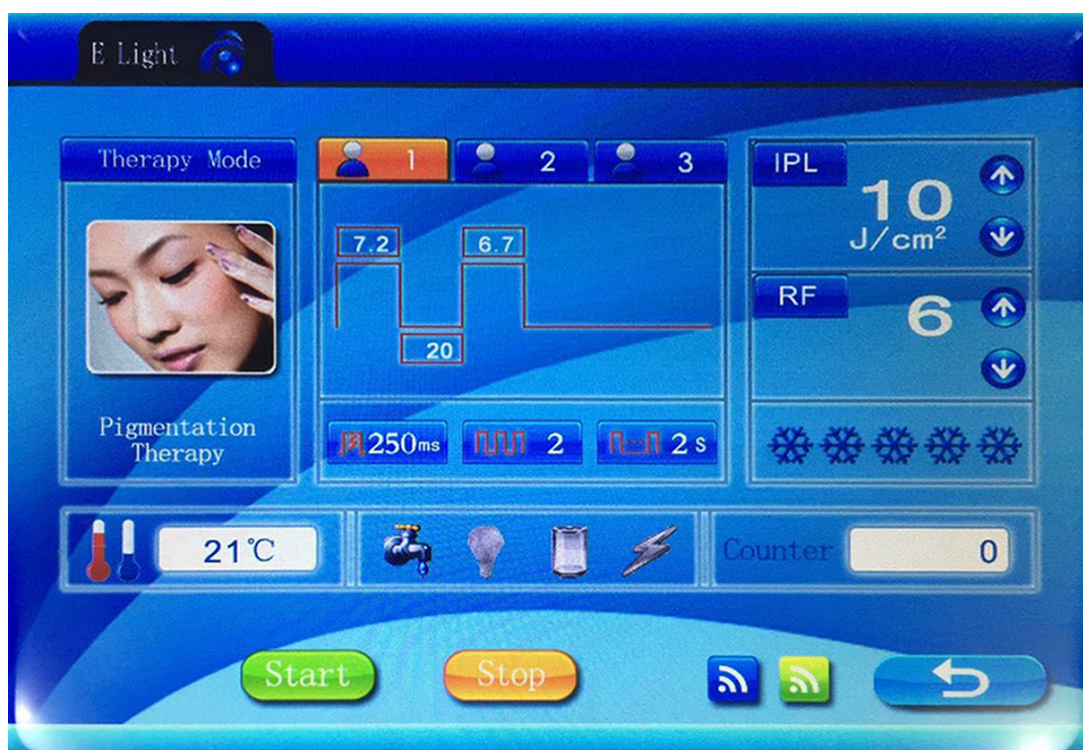
4) Wrinkle Removal



5) Acne Therapy



6) Pigmentation



Course of treatment

Item	Period of treatment(PT)	Remark requirements
Hair removal	1 time every 21-40days, 3-6 times every PT.	Shaving the unwanted hair at the treatment area
Freckle removal	1 time every 21-28days, 6 times every PT.	1. The patients should be suitable to accept treatment. It means they don't have the symptom described in Contraindications 2. No hypersusceptibility recently 3. The patients should cooperate with operator's instructions 4. Clean treatment area after treatment
Skin rejuvenation	1 time every 21-28days, 6 times every PT.	
Vascular therapy	1 time every 21-28days, 3-6 times every PT.	
Acne skin	1 time every 21-28days, 3-6 times every PT.	
Lifting	1 time every 21-28days, 6 times every PT.	

After entering treatment mode selection screen, shown in Figure 2. Press the "Ready" button to trigger the head and automatically charge the capacitor when charging is completed to enter treatment, press the "standby" button to turn the head, enters the standby state.

Treatment records : Display (3 E light therapy mode) current treatment records, you can record different treatment parameters have been easy to treat different patients, click to change the treatment records, there are three options;

Cooling adjustment : Used to adjust the treatment bald refrigeration

temperature, divided into five-speed adjustable, the more blue snowflake, the stronger cooling, blue snowflakes disappear, refrigeration closed;

Return : To return to treatment mode selection menu, Gray unavailable (treatment status);

IPL Energy : Adjust the size of the head of the output energy, the adjustment process in the display window shows the current energy output of the energy value of the adjustment range 1 ~ 50J / cm², this setting can be directly adjusted directly in the treatment process, the adjustment "↑ or ↓" key, "↑" key to increase, "↓" key to reduce, hold down the "↑ or ↓" to quickly adjust the output power;

RF Energy : RF output power adjustable size adjustment process energy display window shows the current value of output energy adjustment range of 1 to 30, this setting can be directly adjusted directly in the course of treatment, with "↑ or ↓" to adjust, "↑" button to increase, "↓" key to reduce, hold down the "↑ or ↓" to quickly adjust the output power;

二： Procedure practices：

1、 Hair removal: 1. Trim the hair (1-2 mm) 2, 3 clean, apply a thin layer of cold gel four red hair with hair removal tips (tip lightly against the skin to fight, a site next to a part to play, stubborn hair can be slightly tilted angle of the face direction of hair growth tips to play) 5, playing 3-5 times (see the hair slightly curled hair or smell a burning smell it) 6, apply a thick layer of cold gel 10 minutes about clean can (smear repair growth factor)

2、 Vascular therapy: 1, clean the skin two operating parts evenly cold gel 3 (tip close to the skin epidermis play, next to a part of the site at the spot to play) 4, back and forth three times more unequal fight, until you see the color deepened mentioned epidermis good 5, smear a thick cold gel for about 10 minutes to clean (smear repair growth factor)

3、 skin rejuvenation: 1、 Cleaning operation site 2、 Were associated with cold gel smear 3 (Tips to play close to the skin epidermis, a site next to a part to play) from chin to forehead, cheeks go down to fight, fight back and forth 3-5 times 4、 Apply a thick layer of cold gel for about 10 minutes to clean (Apply fixes growth factor)

4、 Acne therapy: 1、 Cleaning operation site 2、 Were associated with cold gel smear 3(Tip close to the skin epidermis play a part to play next to a site) from chin to forehead, cheeks go down to fight, fight back and forth 3-5 times 4、 Acne appears reddish better 5、 Apply a thick layer of cold gel for about

10 minutes to clean (smear repair growth factor)

5、Vascular therapy: 1、Cleaning operation site 2、Were associated with cold gel smear 3 (Tip close to the skin epidermis play a part to play next to a site) from chin to forehead, cheeks go down to fight, fight back and forth 3-5 times 4、Redness site becomes dark red or red-purple better 5、Apply a thick layer of cold gel for about 10 minutes to clean (smear repair growth factor)

Note: All projects done 24 hours can not contact hot water, non-exposure, not the sauna, with growth factors to repair skin repair to avoid pigment reflow phenomenon

三： Postoperative taboo issues:

1. Fasting spicy food, seafood fat objects, pigment food, ban alcohol and tobacco;
2. After 3 days of treatment not use irritating skin care products (such as: soap, cleanser), hanged efficacy based cream products;
3. Note that the sun, use sunscreen (SPF20) above;
4. surgery is recommended to use natural skin care products;
5. If the scab-like face, not hand peeling, should make their own metabolism; Wash your face with cold water 10 days ban sauna, steam surface, 10 days to do facials.

Delayed reaction and treatment methods:

Customer due to improper operation or physical reason itself (darker skin than the red, the more sensitive) in 24-48 hours delayed reaction may occur:

1. Spot Printing: light energy conditioning cream applied three times daily;
2. blisters: Use disposable syringes will exudate removed after use saline to clean painted light conditioning cream, three times a day; Skin irritation:

If you do take the spot of the customer, can be cold spray for 15-30 minutes until the skin red back up (severe cold can be used directly), then rub on Light Cream: If you do skin rejuvenation and hair removal customer, can be deposited in cold water, then rub on natural skin care products;

Light care products according to customers' use of time to repair the skin circumstances, post a good sunscreen (20 times), water, moisture (pure natural plant-based care and maintenance products) can be.

四： Taboo crowd:

1. Pregnant women, light allergies
2. Recent taking allergy foods, drugs (such as celery, vitamin A acid, etc.)
3. Patients with cardiac pacemakers or defibrillators
4. Treatment of patients with damaged parts of the skin
5. Diabetes, heart disease, hypertension, epilepsy patients
6. Patients with suspected skin cancer

五：Operating skills

- 1、 When freckles treatment, customer tingling (in the range of guests bear), minor skin redness, lasted 10 minutes or so to go away (red for 30 minutes or so individual it is a normal phenomenon)
- 2、 leather version, liver spots is the beauty of the hardest things to do, some relatively long treatment period, OPT is get rid of freckle leather version, the best way to effect liver spots, with the injection of oxygen therapy, ideally 4-6 times effect.
- 3、 after the red blood vessels do clear, color purple the best, if ensure no reaction, redness generally about 4 times cured.
- 4、 large pores, blackheads, acne, acne generally by strong oil secretion, caused by improper cleanup, OPT 2-3 after dark head grease hatch, about seven days away.
- 5、 do hair removal, armpit and hairline slight tingling (affordable range of guests) with slightly burnt taste, upper and lower extremities shed a slight tingling, 3-4 times can play absolutely gross effect. That is because there are three hair growth cycle, namely: growth - maturity - dormant period, only in the growing season in order to effectively get rid of hair, so hair removal needs 3-4 times.
- 6、 sensitive skin, dark complexion, and 24-48 hour delay prone skin reactions, not because there was no obvious reaction to improve the energy and casual.
- 7、 are arranged in each treatment spot to another spot of the third light spot pressed sequentially.
- 8、 Heavier and darker skin pigmentation parts to adjust the parameters at any time or energy, when the forehead or mouth treatment, and energy must be down to fine-tune the parameters.
- 9、 Treatment must continue to ask guests feel, appropriate adjustments to energy.

the treatment is completed cold gel surface covered for 20-30 minutes, without discomfort can be washed off.

六：Installation and maintenance of equipment

- 1、 The instrument should be left at room temperature 10-28 degrees smooth clean operating room or treatment room. When the air humidity is too high, condensation inside the instrument will, thus affecting the efficiency of the optical system, but also serious damage to the machine devices, please ensure that the machine running the air humidity is not too high.

2、This machine is high peak power optical equipment, installation and use of environmentally clean, low dust, otherwise the dust inside the instrument optics cause irreversible damage and even damage.

3、Please select the appropriate location, so that air can flow freely through the air vents of the machine, in order to prevent the machine from overheating. The machine can not be placed near radiators, heat ventilation pipes and other heat sources, or in direct sunlight, high humidity, or mechanical vibrations occur in places.

4、The installation process must protect the LCD, to prevent scratching or damage

5、Bald connection:

The rear of the head of the joints alignment instrument can be inserted directly force (hear "da" sound, and shaking the gap does not appear that at the installation instructions).

七: Power cable:

According to the direction of the party referred to align the socket rear access equipment, a good party into a grounded single-phase three-wire power outlet

Instrument injection: Open overflow, the injection of distilled water through the water inlet to the instrument, when the water overflows from the overflow of water, indicating that water has been filled.

Daily care and maintenance of the instrument

1, each time after use, the head should be clean, back hook.

2, each instrument to be full of water, 20-30 days, changing the water, the water tank after the release of the net addition of water.

3, the instrument is just filled with water or after changing the water turned on and off repeatedly need the key 3-5 times and then adjust the parameters.

4, after each boot until one minute before the tank circulation press READY key (lights)

5, the head and the treatment site disinfection with alcohol and other combustible taboo clean.

6, the operation of the bald hot, stop immediately.

7, can not be used in the strong magnetic field.

八: Skin Knowledge

The physical structure of the skin: skin adults about 1.5-2.0 meters, is the body's largest organ. Skin into the epidermis, dermis, subcutaneous tissue three, skin metabolism cycle is 28-45 days. Normal skin is acidic.

Skin features: skin protection, secretion, excretion, thermostat, immune, absorption, feeling, visceral reaction physiological function problems. Pigment contained in the human body: skin color pigment composed by four creatures: the black-brown pigment, red oxygen

Co-heme, blue and yellow carotene heme reduction, skin color is mainly determined by the melanocytes.

Composition melanin system: the system has melanin in melanocytes melanosomes, melanin and tyrosinase formed, this system is dynamic exists. Highly sensitive to endogenous and exogenous stimuli that produce pigment

Or depigmentation. Melanoma cells mainly in the basal layer and hair bulb, there are also a number of melanocytes in the dermis, interspersed between collagen fibers and elastic fibers. Factors that affect the skin color change: genes, hormones (melanocyte-stimulating hormone, estrogen, etc.), the sun, the ultraviolet rays causes skin pigmentation after 48 hours.

All kinds of spots classification

Pregnancy spots, melasma: more common in young women, mainly longer than the cheek and nose on both sides; sizes, was brown flaky, sharp edges or diffuse form, symmetrical appearance; ring because the pregnancy, oral contraceptives cause endocrine disorders, there is no physical symptoms, the incidence unconsciously.

Sunburn: longer than the whole face or in part; sizes, shapes and downs, was brown or brown, the edge is unclear; belong to excessive ultraviolet radiation caused no physical symptoms.

Freckles: longer than the whole face, especially the nose on both sides of the main; grain size, pale brown, occasionally net brown, edge boundaries are not clear; the cause is sun or have a family history, there is no physical symptoms.

Liver spots: Main longer than the medial frontal and eye; the size of the variable, showed a net brown or brown flakes, often symmetrical appearance, the edge is unclear; symptoms of irritability, mouth pain, costal swelling, breast tenderness and menstrual dysmenorrhea, there are purple blood clot; cause of liver qi stagnation, qi stagnation and stasis face.

Spleen spots: Main longer than the inside of the nose and eyes; sizes, yellowish-brown flaky; symptoms of pale complexion, loss of appetite, body tired, heavy head, insomnia, tongue side of a mark; cause spleen transportation of disorders, blood shall be inviting.

Kidney spots: Main longer forehead and eye; sizes, dark brown or gray oval, sharp edges, symmetrical appearance; symptoms of dark complexion, backache knees soft, cold hands and feet, dizziness, tinnitus, chills; cause of kidney and raw heat.

Unexplained spot: spread on the whole face; sizes, yellowish-brown color and uneven, irregular, the edge is not clear, asymmetric appearance; the cause is unknown, may have physical symptoms.

Overview redness: telangiectasia, a skin disease caused by the formation of red or mottled purple, point, line damage, no more symptoms. Mostly inherited income. As part of a secondary plateau, cold zone, or caused by the use of chemical peel peels.

Wrinkles Causes: metabolism slows down with age, dry skin, loss of collagen, resulting in false wrinkles, elastic fibers and collagen fibers forming the lack of breaking stereotypes while wrinkles and sagging skin.

Overview hair: hair growth itself is divided into three cycles 1, 2 growth, maturity 3, dormancy, in anagen do the treatment, the effect is the best.

九.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.

Product name :		Purchase date:	deadline:
Seller:		Add.:	Tel.:
Customer:		Add.:	Tel.:
Repair date	Reason f f f of the fault	Repair content	
Maintain list			

