

# SPA9

## JET PEEL WITH PDT SYSTEM

User Manual



## Warning

Dear user:

Thanks for using our company's products, in order to fully make use of the products, we sincerely suggests follow:

◆◆Please read the instruction in detail and keep it well for further reading and consulting.

◆◆Please follow the instruction to fit and operate the machine correctly .

◆◆Please do not remove and change any accessories of the machine.

◆◆It forbids others to open and remove the mainframe except the authorized people in the company .

◆◆It forbids others to change and maintain the machine except the professional people.

◆◆Please contact us if there is any trouble during operation

This product does not belong to medical, please don't use for disease treatment!

## Model SPA9

It is a simple and effective superficial peel that helps rejuvenate the facial skin. It makes use of pressurized Oxygen to accelerate a liquid agent (saline) to supersonic velocities, creating an exfoliative effect on the skin. The liquid agent (saline) is compounded with different vitamins and supplements that will address the problem of the patients. The high velocity, at the speed of 200m/s, peels the superficial layers of the skin, allowing better penetration of the compounded substances, and prevents skin inflammation and infection by saline solution which is spraying out. The anaerobic bacteria in the sebaceous glands can not exist when oxygen sprays into the skin. At the mean time this system supply sufficient nutrition to the skin, accelerate the cell regrowth, subsequent re-epithelialization takes place resulting in younger, healthier skin.

## **FUNCTIONS:**

JET PEEL

PDT SYSTEM

HIGH PRESSURE AIR COMPRESSOR

## **TECHNICAL PARAMETER:**

Wave length of PDT : Red Light       $630\pm 5\text{nm}$

Blue Light       $460\pm 5\text{nm}$

Treatment Intensity of PDT :  $250\text{mW}/\text{cm}^2$

Max. Pressure of Air Compressor: 8 Bar

Min. Pressure of Air Compressor: 6 Bar

Max. Air Flow of Air Compressor: 109L/Min

Power of Air Compressor: 400W

Compressor Type: Oilless Silent Pump

## Control Panel Instruction :



1.LCD screen

2.Adjust function up keys

3. Adjust function down keys

4. Adjust model(slowly) /PDT color/Set working time reduce

5.Adjust model( fastly)/PDT color/Set working time increase

6.Jet peel work head jack

7.Air pressure adjust valve

8.Start/pause



9.PDT LED

10. Water in jack

11.Foot switch jack

12.PDT LED jack

13.Filter recycling bottle

14.General power switch

15.Power line jack



Foot switch



jet peel pen and bottle



PDT LED

## JET PEEL

Jet peel treatments are highly effective in skin texture improvement, wrinkle reduction, removal of unwanted pigmentation and overall skin rejuvenation. It is also very useful with acne, blackheads and other comedone eruptions as it quickly and effortlessly removes them without any pain or discomfort. The SPA9 equipment can be used for treatments most commonly performed on the face, neck and décolleté areas, also other areas as legs and abdomen where needs smoothing, deep cleansing and hydration such as the hands, feet, chest, back and even elbows. Acne treatments are often done for deep cleansing and healing enhancement.

## FEATURES:

- Light skin Detection Lens
- LCD display for skin observation
- New concept of skin rejuvenation, the most advanced skin renew technology.
- Combined photodynamic therapy.
- Mild and painless treatment, safe and effective.
- User friendly design, easy to operate.



## APPLICATION:

- Acne removal: removal acne, comedones, and acne scar. Restrain the inflammation
- Wrinkle removal : removal wrinkles around lip, eye pit, eyebrow, neck and wrinkles that caused by pregnancy
- Skin rejuvenation: removal pigment and freckles; contract large hair pore, clean the skin completely, improve the flexibility and tone of the skin.
- Scar removal: scar, acne scar caused by laser treatment, burn, surgical etc.

## PDT SYSTEM

Beam Therapy was brought forward early in 18 century, at the same time , the recipe to cure tuberculosis is of sunshine shining . In 1903, a professor in Denmark was awarded Nobel Prize for his research of utilizing ultraviolet to cure phthisic skin as well as red light to cure smallpox.

The instrument makes use of power light caused from 624nm pulse to procure very excellent therapeutic effect without any side effect to eyes. It doesn't hurt or break skin. Power light shining scarfskin can stop decomposition and cohesion of black pigment . When power light is shining healthy skin , the energy will decrease automatically, and collagen in hypodermal organization will realign, with view to enhance the luster and spring ,contract skin pore and lighten small wrinkle.

## INTRODUCTION FOR COLOR PHOTON

Red: Promote blood circulation, activate muscles, reduce fat, relieve anemia and shortness of breath, improve cardio-pulmonary function, and evenly largely benefit mood.

Blue: Promote the synthesis of protein and gastric collagen, activate muscles, contract the slack skin and reduce lines of pregnancy. Irradiation to the point of glabella can compose mood and relax body and soul.

Yellow PDT: Enhance blood circulation, activating cells, Stimulate the cell excitability active role. Increasing the skin collagen fiber and elastic fibers, avoiding the skin redness.

Red+Blue PDT: cure the acne, relieve skin.

Red+Yellow PDT: Stimulate dermal collagen, improve skin lines and skin tone .

Yellow+Blue PDT: Improve facial lymph circulation, inhibit pigment expansion .

Red+Blue+Yellow PDT: Improve ability of the cells absorb, promote collagen formation and treat the skin.

## PRECAUTIONS:

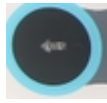
- (1) Should be carefully applied on pregnant women, patients with epilepsy or having received treatment with steroid or cortisone.
- (2) This machine should be placed in dry and ventilate places.
- (3) Before operation, cleanse the areas to be cared on the skin of the customer.
- (4) Cover the eyes of the customer to prevent them from hurt by the light beams emitted from the probe.
- (5) Make sure the probe contacting with skin for optimal effects.
- (6) Contact our service center if it does not work properly. Do not take apart the machine.

## Operation:

- 1.Put all accessories well and connect to the host.
- 2.Insert foot switch to [11].,press the foot switch is working,release is to stop output.
- 3.Screw fixed shelf via screwdriver, let the water bottle put inside it.
4. Connect one end of the 1 tube to the liquid bottle,(you can put liquid product or saline inside ),the other end to[10].
- 5.Insert 2 tube of Jet peel to [6] ,jet peel pen put in shelf.
- 6.PDT LED in [9].
- 7.Connect power line [15],turn on power switch.the machine will start to work.

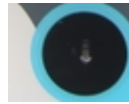
8. you can set working time firstly ,in general ,the time is 30 minutes,according to

your requirment set working time(



reduce or increase working time)

9. Choose the treatment and clean it ,Click



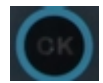
to SPRA ,click



(air

pressure adjust valve) from down to up the air pressure from Min TO

Max ,according to your requirement adjust air pressure ,then click



and

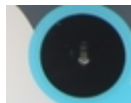
press the foot switch the machine will working .if you want to stop the

machine ,also can click the



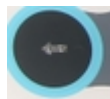
,the machine will stop.

10. Click the

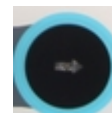


to PDT.C ,according to you will reach function ,you can

choose different colors.click



you can to front light ,click



you can to

next light.

11. C.R =R means the setting light is red light ,the machine's spectrum setting is

R-red light

Y-yellow light

B-blue light

G-green light

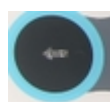
RB- purple

RY-orange light

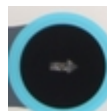
light blue-green and blue

mixture light-red blue green

12.choose PDT model.click



to



the light speed from slow to fast.

13.Light and speed you have choose ,then you can click



and press the foot

switch the machine will working.

## Usage

1. the absorb effect can be better if the nursing is in clean state of skin .
2. Daub corresponding beauty products on skin need cared.
3. Keep the distance between LED light head and skin above 25cm.

## Notices

Do not look at the light straightly if you not wear the protective glasses.

When do head or breast nursing ,please close your eyes ,wear the protective glasses or affix the cotton pieces with moistened with water to the eyelid.

Irradiation nurse on partial should be keep for over 15 minutes.

## HIGH PRESSURE AIR COMPRESSOR

The super-pressure compressor is characterized by that it simultaneously uses liquid piston, solid piston, cylinder with specific structure, aspirating valve and exhaust valve, and makes them ingeniously combine together so that it can change a normal-pressure gas to high-pressure gas through one compression treatment. Said invented compressor can be used for synthesizing superhardness diamond in high-pressure reactor by high-pressure method with argon gas coming to about 100000 atm. (i.e. pressure-raising working). Besides, it can also be used for compression of other gases.

### To whom is not allowed:

- ① Pregnant woman;
- ② Bronchitis;
- ③ Psychopath;
- ④ Hypertension and cardiopathy sufferer;
- ⑤ Other invalid。 (Suggest using normal cleaning ways.)

### Technique parameters:

Voltage:AC 11V/220V 50-60Hz

Power:<750W

### Annex List

1.host	1pc
2.Power line	1pc
3.Foot switch	1pc
4.PDT LED	1pc
5.Jet peel bottle	1pc
6.Jet peel tube	2pc
7.Jet peel pen	1pc
8.Shelf	1pc
9.Screw	2pc
10.User manual	1pc

## Product services and Maintenance

1. The warranty date is one year from the date of purchasing. We are responsible for the repairing and the maintenance the device when the warranty date is expired, but we will charge the service fee or the cost of the component. Please contact the distributor to purchase the extra accessory or the components.
2. We do not responsible for the free warranty as the situation as following:
  - A. The failure caused by open the machine without any autyORIZATION by the distributor or the manufacturer. Or modification of the product in private.
  - B. The failure caused by dropping sown the machine.
  - C. The failure caused by unreasonable maintenance.
  - D. The failure caused by incorrect operation, not following the direction of the instruction.
3. We keep the rights to modify the system without notice.

## Statement

We are not responsible for any results caused by incorrect operation, please read though the instruction and then apply the operation.