Improving skin texture/Safe and painless
/Lightening blemishes and whitening skin/Tightening skin

Black Whirlwind DPL

User Manual



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Product Introduction

Principle of the Product

Photon skin rejuvenation is a non-invasive cosmetic technique that utilizes light energy conversion and biological effects to address skin issues like pigmentation, vascular dilation, fine lines, and sagging, promoting natural repair and renewal for comprehensive skin improvement.

DPL (Delicate Pulsed Light) is an upgraded version of photon skin rejuvenation, offering the following advantages:
1. High Precision and Targeting: DPL employs narrow-spectrum light technology with a more concentrated wavelength, enabling precise targeting of skin issues such as redness, pigmentation, etc., resulting in more significant treatment effects, especially suitable for facial flushing and inflammation problems.

2. High Efficiency and Rapid Results: By enhancing energy efficiency, DPL can achieve desired treatment effects in shorter periods, reducing the overall treatment cycle.

3. Enhanced Safety: Narrow-spectrum light reduces unnecessary spectral impacts on the skin, lowering the potential risks of side effects and minimizing epidermal heat damage, ensuring a safer and more comfortable treatment process.

4. Reduced Discomfort and Recovery Time: DPL devices are typically equipped with efficient cooling systems, significantly reducing client discomfort during treatment while promoting faster recovery.

5. Versatility: In addition to skin rejuvenation, DPL can also address various issues such as pigmentation removal, hair removal, anti-aging, etc., making it suitable for a wide range of applications.

Instrument Parameters

Power	2000W
Energy	1-50J/m^2
Pulse Width	1-10ms
Frequency	1-10HZ
Packing	61.5cm*55cm*57cm
G.W.	63kg
Screen	12 inch
Wavelength	515/560/590/615/640/695
Voltage	200-240V
Lauguage	Customized

Product Introduction

Product Structure

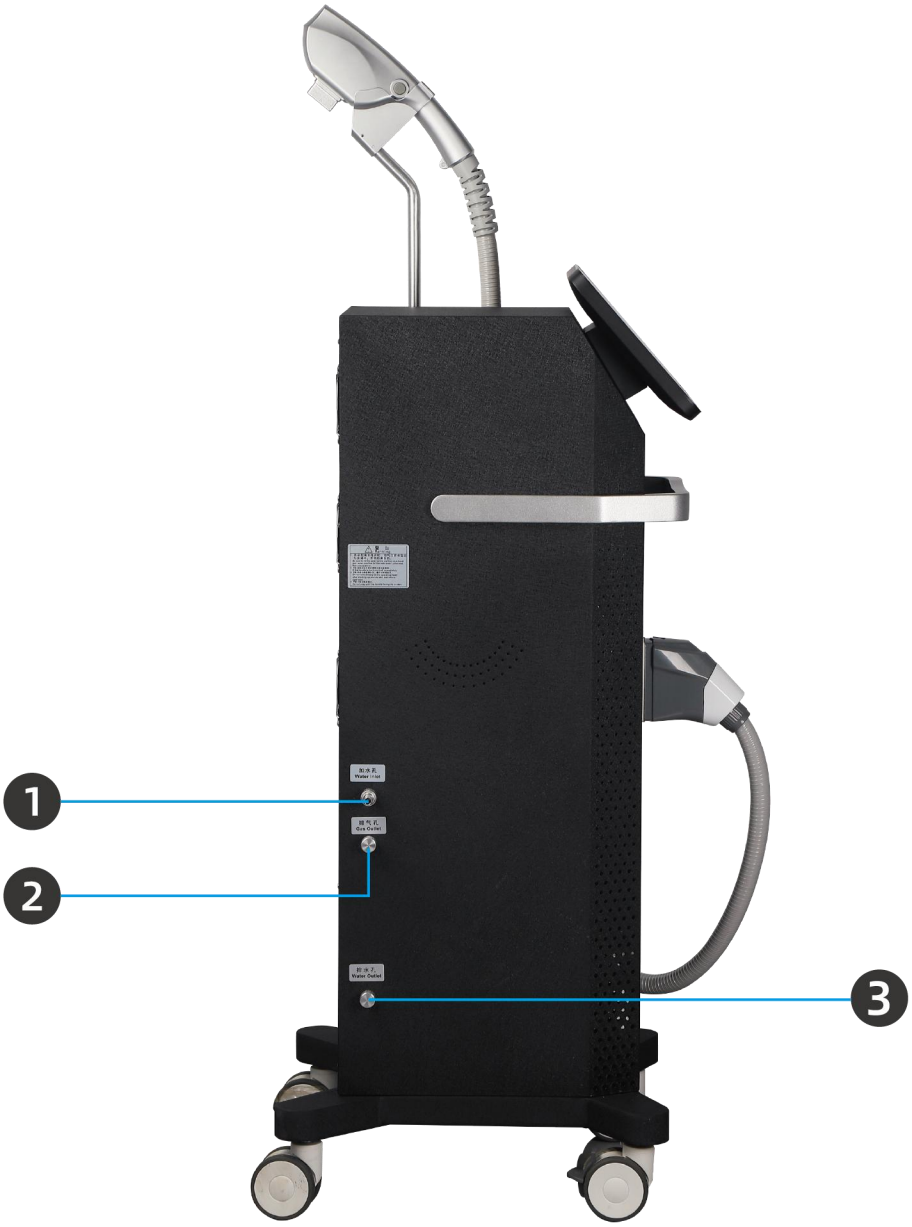


Front of Product
(Pictures are for reference only)

1 12-inch HD Screen
2 On/Off
3 Handle
4 Socket

Product Introduction

Product Structure



Left Side of Product
(Pictures are for reference only)

1 Water Inlet 2 Gas Outlet 3 Water Outlet

Product Introduction

Product Structure



Right side of Product
(Pictures are for reference only)

1 Power Switch 2 Power Cord Socket

Instructions for Use

Interface Description



(1-1)



(1-2)

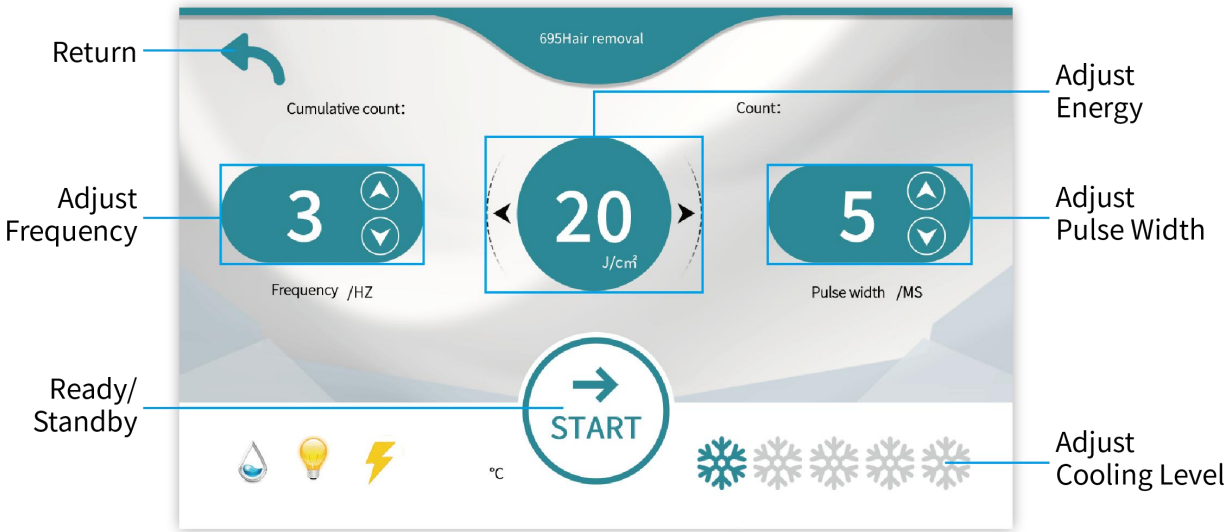
Power on and enter (1-1). Click on 'Setting' to access the parameter configuration. The password is: 666. Click to to the next page (1-2), and select different wavelengths according to the customer's needs. During operation, place the corresponding filter on the handle for operation. Click to to the next page (1-3).

Interface Description



(1-3)

The energy adjustment typically starts from 20, while the pulse width ranges from 1 to 5. Cooling is usually set to the highest level during summer. Adjust the relevant energy levels based on the customer's needs.



(1-4)

(1-4) is for adjusting the energy for hair removal. Frequency ranges from 1 to 4, energy starts from 20, and pulse width ranges from 1 to 5. Adjust the relevant energy levels based on the customer's needs.

Instructions for Use

Parameter Table Settings

(Adjustments should be made based on the patient's response during treatment.)

Wavelength		Energy	Pulse Width	Treatment
515		20	5	Acne Removal
560		20	5	Pigment Removal
590		20	5	Skin rejuvenation
615		20	5	Spot Removal
640		20	5	Vascular Leison
695		20	5	Hair Removal

Contraindications

Recent Sun Exposure Individuals who have had intense sun exposure in the past month are at a higher risk of hyperpigmentation or increased treatment risks.

Immune System Disorders Patients using immunosuppressants may experience complications and slower recovery from treatment.

Allergic or Photosensitive Individuals Those with allergic reactions, especially photosensitive skin or those using photosensitizing medications, may experience skin damage from treatment.

Facial Infections or Inflammation Areas with severe infections, inflammation, pus, or open wounds should not undergo photon skin rejuvenation.

Pregnant Women Pregnancy is a contraindication to such cosmetic treatments to avoid potential risks to fetal development or maternal health.

Specific Health Conditions Patients with diabetes, bleeding tendencies, epilepsy, or high blood pressure should avoid this treatment.

Use of Specific Medications Individuals using medications like retinoids, which can affect skin repair, should avoid treatment.

Dark Skin Tones Darker skin absorbs more light energy, increasing the risk of burns

Recent Skin Treatments Individuals who have recently undergone other skin treatments such as laser therapy, dermabrasion, or chemical peels should allow a sufficient recovery period before photon skin rejuvenation.

Instructions for Use

Precautions

1. Enhance Skin Hydration: Use moisturizing and repair skincare products, and avoid cosmetics containing alcohol or irritating ingredients.
2. Strict Sun Protection: Post-treatment skin is more sensitive to UV rays, so it's essential to take proper sun protection measures.
3. Avoid Skin Irritation: Avoid activities that raise skin temperature, such as washing your face with hot water, intense exercise, sauna sessions, or hot baths. For redness or scabs, use cold compresses to relieve discomfort and avoid scratching or peeling the scabs.
4. Diet and Lifestyle: Maintain a balanced diet and consume foods rich in vitamins C and E to aid skin recovery. Avoid spicy foods, alcohol, and other potential skin irritants, and ensure adequate rest and a positive mindset.
5. Avoid Makeup: Refrain from wearing makeup, especially color cosmetics, until the skin has fully recovered to prevent clogged pores or skin irritation.
6. Monitor Skin Reactions: Keep an eye on any abnormal skin reactions, such as persistent redness, pain, or blisters. Seek medical attention if necessary.
7. Avoid Other Cosmetic Treatments: Refrain from undergoing any other cosmetic treatments or procedures that might irritate the skin until it has fully recovered.

Accessory List

Item	Quantity
Handle	1
Power Core	1
Filter	1 box (6 pcs)
Hanger	1
Funnel	1

Note: Exercise caution during operation to avoid directing the handle towards people's eyes or the machine. After operation, place the handle in the protective cover to prevent accidental injury to individuals.