FAST HAIR REMOVAL/SAFE & NON-INVASIVE/FRECKLE & MOLE REMOVAL

Pure 810+Pico

User Manual



Catalog

Product Introduction

Working Principle 01

Product Parameter..... 01

Product Structure Introduction 03

Instruction for use

Interface Introduction 04

Parameters Setting 08

Contraindications 09

Precautions..... 09

Accossories List 09

Product introduction

Product Theory

Pico Laser Theory:
The laser utilizes photomechanical impact to emit high-energy pulses, penetrating the epidermis briefly. This causes pigment clusters to rapidly expand and fracture, leading to their instant removal. Some fragments are small enough to be absorbed by the body's macrophages and eliminated through the lymphatic system, effectively removing pigmentation spots.

Diode Laser Theory:
Based on the principles of selective photothermolysis, by adjusting wavelength, energy, and pulse width, light energy penetrates the skin to reach the hair follicles at the root. This damages follicular tissue, slowing or preventing hair growth. The Rapid Cooling Hair Removal System employs unique freezing technology, cooling the epidermis to 5 degrees Celsius, overcoming drawbacks of cold contact light capture. It offers convenient, simple operation without damaging the epidermis, enabling effortless hair removal.

Product Specifications

Pico	
Wavelength	532nm/785nm/1064nm
Frequency	0-10Hz
Energy	0.3-3.0J/cm^2

Product introduction

Product Specifications

Diode Laser	
Spot Size	12*26mm
Screen	12寸
Shots	50000000发
Wavelength	810nm
Frequency	1-10Hz
Energy	1-50J/cm^2
Power	2000W
Pulse Width	1MS-20MS
Voltage	200-240V
Cooling System	AIR+WATER
Meas.	61.5cm*55cm*57cm
Language	Customizable
GW.	63kg

Product introduction

Product Structure Introduction



Product Front

(Pictures are for reference only)

1. Picosecond Handle
2. Hair Removal Handle
3. Ultra HD Screen
4. on/off

Product introduction

Product Structure Introduction



Instrument Back

(The picture is subject to object)

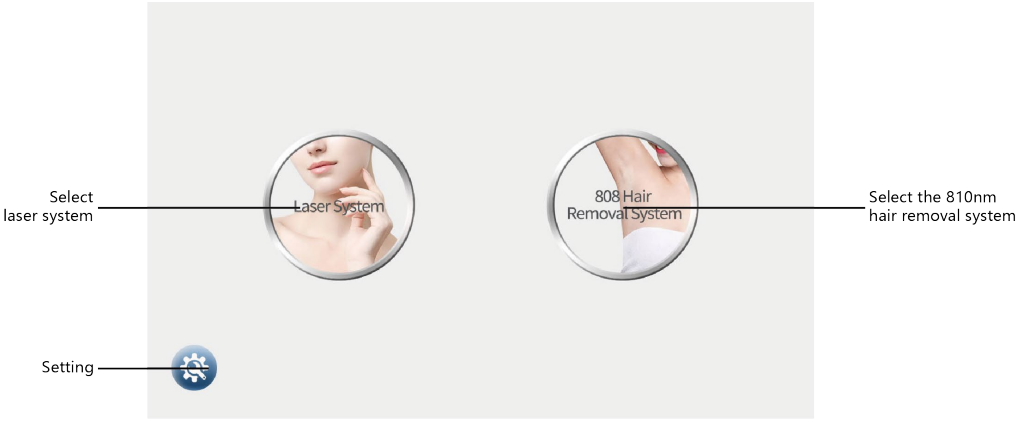
1 Hair Removal Socket 2 Power switch 3 Power socket

4 Picosecond handle socket 5 Pedal socket 6 Water inlet

7 Gas vent 8 Drain hole

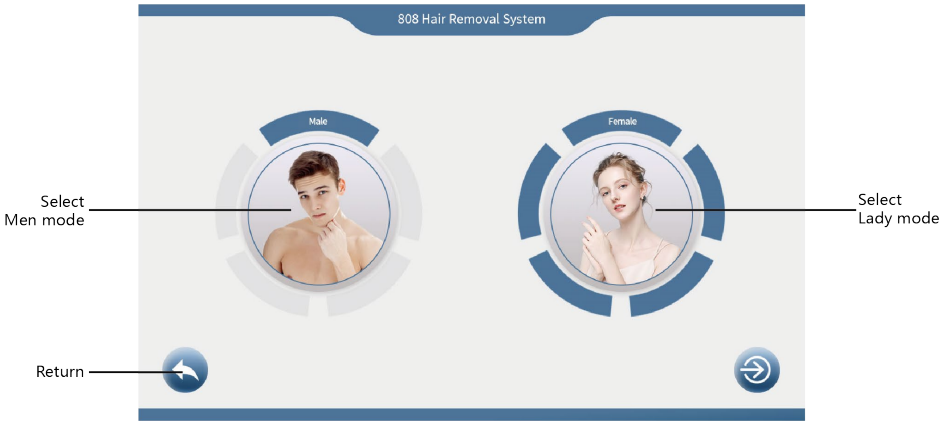
Instructions for

Interface Introduction



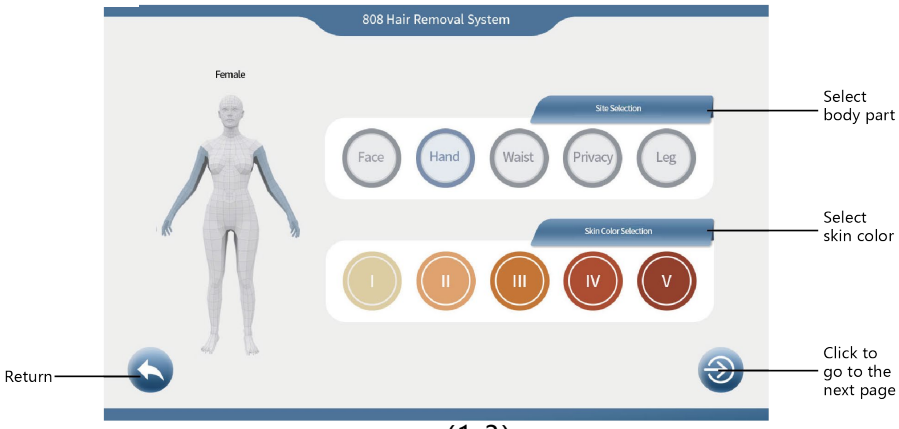
(1-1)

Upon powering on the device, the main interface appears. Through the touchscreen, access the handle selection mode (e.g., select 810 mode)



(1-2)

Navigate to (1-2), select gender, then proceed to the next page.

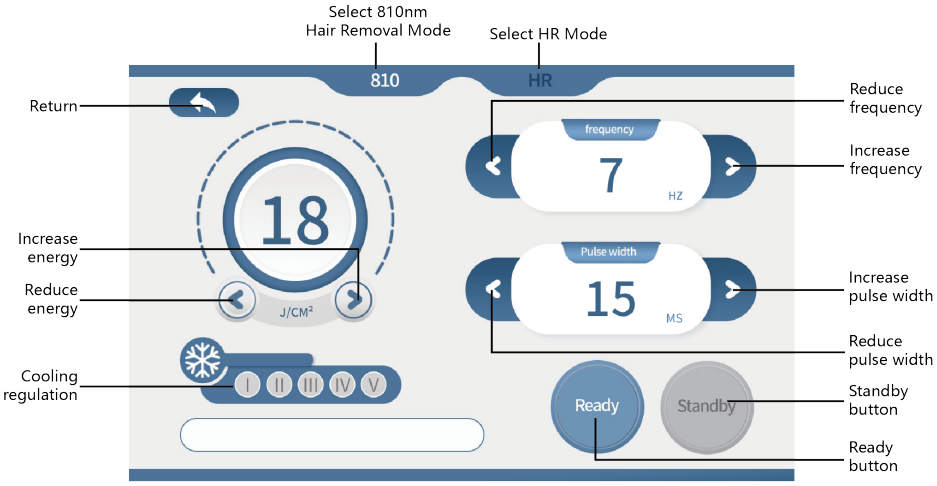


(1-3)

Enter the operating interface (1-3), choose the body area, select skin tone, and click to proceed to the next page.

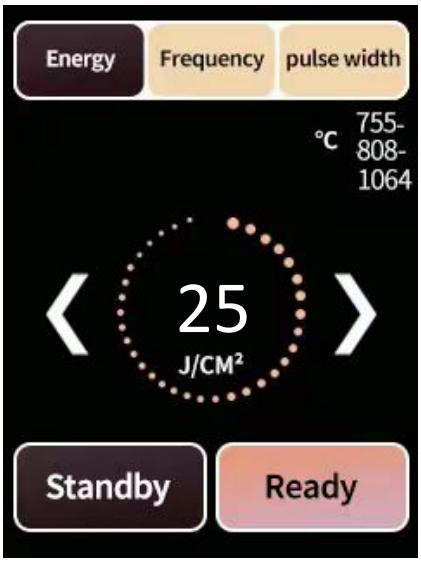
Instructions for

Interface Introduction



(1-4)

Enter the operating interface (1-4), where there are options for 810 hair removal and skin rejuvenation mode (SR). Adjust the energy starting from 20, frequency starting from 3-4, and pulse width starting from 10-12. Adjust the energy level based on the customer's actual operation situation. Click the "Ready" button to start the operation.

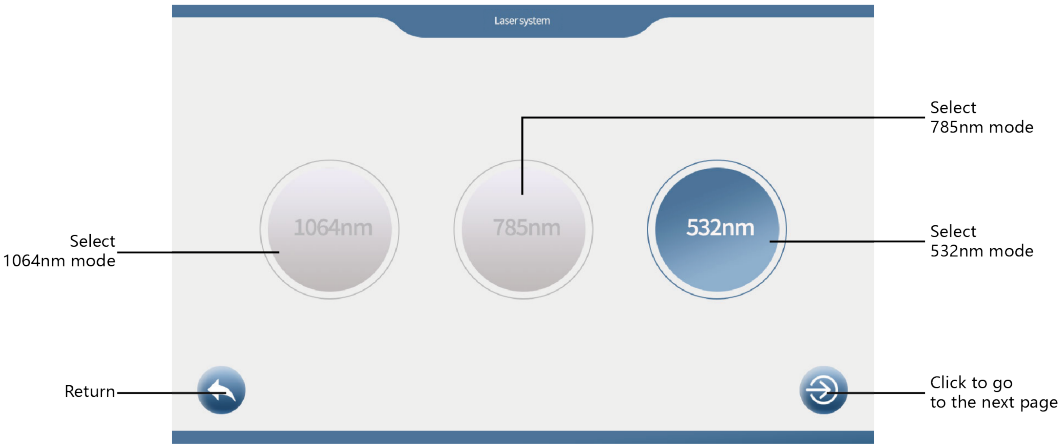


(1-5)

At the same time, adjustments for energy, frequency, and pulse width can also be made on the handle.

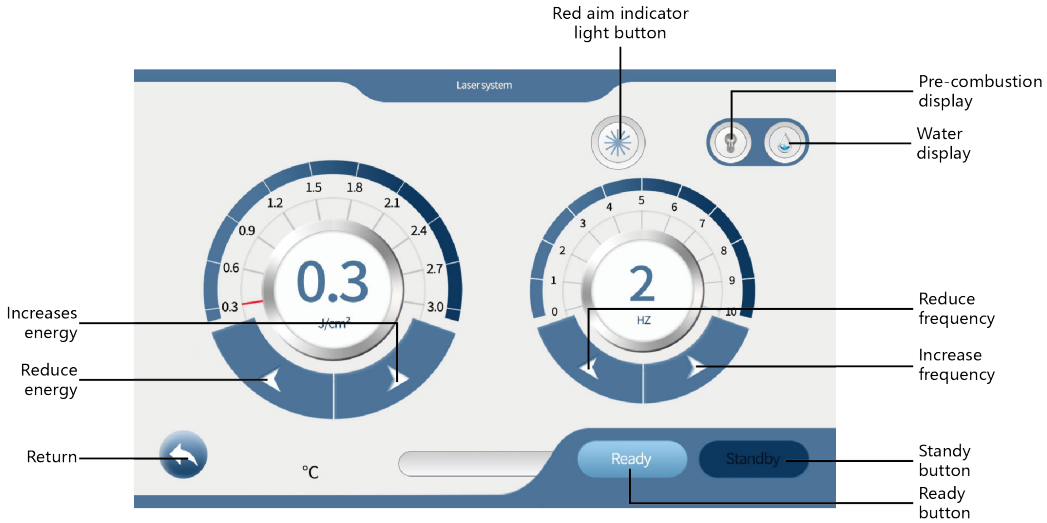
Instructions for

Interface Introduction



(2-1)

In image (1-1), select YAG mode, proceed to image (2-1), choose the treatment wave length, and click " " to move to the next page.



(2-2)

Enter image (2-2), adjust energy, frequency (refer to the "Parameter Settings Table"), turn on the red aiming beam, and click the "Ready" button to start the treatment.

Instructions for

Parameter Settings Table

Diode Laser Handpiece Parameter Settings

Skin Tone	Hair Color	Pulse Width	Frequency	Energy	Time
Medium	Brown	10~15	3~6	from 20	10~15min
Light	Blone	10~15	3~6	from 25	10~15min
Dark	Black	10~15	3~6	from 15	10~15min

Pico Laser Handpiece Parameter Settings

(As per the actual treatment conditions, adjust as reflected by the patient during the treatment)

Type	EnergyJ J/cm^2	Wavelength/nm	Notes
Whitening	0.9-1.2	1064/785	until slight redness
Epidermal spot	1.0-1.2	1064/785	until the spots turn white and bleed slightly
Dermal spot	0.9-1.2	1064	until slight redness or light petechiae
Melasma	0.7-1.0	1064	until spots turn white and slight redness
Mole	1.0-1.3	1064	until bleed slightly or moles turn white
Eyebrows Tattoos Eyeliner Lip Line	1.3-1.5	1064	for new-school shallower black and blue tattoos, until tattoos turn white
	0.9-1.0	1064	for old-school deeper black and blue tattoos, until tattoos turn white
	0.9-1.0	532	for colored tattoos, until tattoos turn white
Blackhead	1.1-1.3	1064	until the blackheads are removed

Instructions for

Contraindications

1.Pregnant women, individuals with hypertension, heart disease, ordiabetes;
2. Those who are sensitive or allergic to light are prohibited;
3. Individuals with open wounds;
4. Those who cannot abstain from sexual activity in the recent period;
5. Prohibition during menstruation.

Precautions

Precautions after Pico Treatment

1. Cold Compress: Typically, the skin may experience mild redness post_x0002_treatment, similar to the feeling after sun exposure. Apply an ice pack to the treated area for 15-30 minutes.

2. Intensify Moisturization: Within the first week post-procedure, the skin may develop flakes or scabs. Enhance moisturization and repair, practice sun protection, refrain from using makeup, and the scabs will gradually fall off within 3-5 days.

3. In cases where fluorescent powder is detected, it is advisable to undergo a repair session before picosecond treatment. Direct treatment may lead to the reactivation of melanin, as the previous pigments have been forcibly suppressed and isolated by harmful substances.
4. Energy Settings: Adjust the energy settings based on local weather conditions and UV levels, as energy requirements may vary.

5. If taking Chinese medicine, wait for one week before undergoing the procedure. Within the first week post-procedure, refrain from consuming photosensitive foods (such as celery, spinach, parsley, lemon, etc.) and photosensitive drugs (such as tetracycline).

Instructions for

Precautions after Hair Removal Treatment

1. Avoid using soap or shower gel and refrain from applying makeup to the treated area within the first 6 hours of hair removal. Do not wash the treated area during this time, and on the same day, avoid using cosmetics and resist rubbing the treated area vigorously.
2. Use only mild skincare formulas after freezing-point hair removal.
3. Maintain dryness by wearing loose-fitting clothes following freezing-point hair removal.
4. Steer clear of sun exposure, sauna, and swimming after freezing-point hairremoval.
5. Post freezing-point hair removal, abstain from using exfoliants, alcohol, and antiperspirants. During bathing, use lukewarm water and avoid hot water on the treated area.
6. Within one week, avoid consuming photosensitive foods (such as celery, spinach, parsley, lemon, etc.) and photosensitive drugs (such as tetracycline). Also, steer clear of spicy and irritating foods.

Accessories List

Name	Quantity
Pico Handle	1
Diode Laser Handle	1
Pedal	1
Power Core	1
Carbon Gel	1
Goggles	1

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