

IPL HAIR REMOVAL SYSTEM

User Manual



In order to ensure your safety in use,
please read the user instructions carefully,
before using the device.

User Manual

ENGLISH

PLEASE READ THE INSTRUCTIONS BEFORE USE

Thank you for purchasing IPL hair removal system LATYS-3. The device is always based on the comfort and safe use for customers. Before using the device, please read the user instructions and safety precautions carefully.



Marked attention, here are for your safe and proper use of the device, and avoid bringing damage and doing harm to you and your surrounding people.

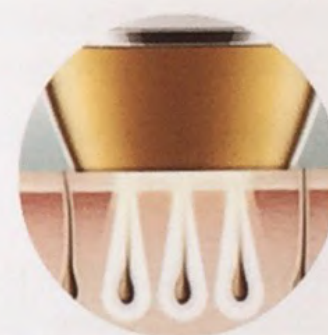
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INTRODUCTION

IPL hair removal system LATYS-3 is a new breakthrough product that uses Intense Pulsed Light ("IPL") to remove unwanted hair at-home. LATYS-3 utilizes the same clinically proven technology that professional dermatologists and salon use, but optimized for personal treatment in the privacy and comfort of your own home. LATYS-3 is safe, painless and effectively permanent solution. to remove unwanted hair in comparison with continual waxing, shaving or plucking.

WORKING PRINCIPLE

LATYS-3 Intense Pulsed Light Hair Removal System is based on thermal damage theory, intense pulsed light penetrates into dermis and is absorbed by melanin in hair follicle, producing photothermal effect, conducting the energy from hair section to hair root, rising the temperature of melanin rapidly and decomposing it. Thus hair re-growth is stopped permanently.



1-4 weeks
Hypnotic hair follicle

Heat is absorbed by the melanin in the hair follicle.



4-8 weeks
Hair fall off

With the cycle of hair, naturally fall off.



8-12 weeks
Inhibiting regeneration

Regular use can inhibit hair regeneration.

CONTRAINDICATIONS



The device is intended for man or woman who wants to remove unwanted hair at home. But if you have following conditions, please **DO NOT USE** the device before use.

- If you are under 16 years old.
- If you are pregnant women and nurturer.
- If you are continuously to use steroid, etc.
- If your skin has been artificially or naturally tanned, or is burned from sun overexposure during the past 4 weeks.
- If you have tattoo and permanent make up parts, etc.
- If you have melanin adherent parts, dark brown or black spots such as birthmarks, moles or warts in the area you wish to treat.
- If you have a history of skin cancer or pre-cancerous lesions (e.g. nevi or a large number of moles).
- If you have any skin condition in the treatment area, including psoriasis, vitiligo, eczema, acne, herpes simplex or active infections or wounds.
- If you have light hypersensitivity or diseases that are related with light.
- If you are patients with epilepsy.
- If you are with electronic medical machine implants into body, such as pacemaker, etc. Or electronic medical machine maintains lives, such as artificial heart-lung, etc.
- If you take in radioactive ray's treatment and chemotherapeutics within 3 months.
- If you use medicine and astringent that is easy to cause light hypersensitivity within 1 month, is easy to cause accident and problems.
- If you have any other condition that would make you unsafe if you treated. In case of doubt, please consult with your physician.

TREATMENT PRECAUTIONS



IMPORTANT SAFETY INFORMATION



DO NOT use the device on the skin sensitive parts: such as the nipple, genitals or around the anus. These areas may have a darker skin color and /or greater hair density. Use the device in these may cause discomfort /pain or injure your skin.



DO NOT use the device on pigmentation skin, such as birthmarks, dark brown or black spots, freckles and warts. And **DO NOT** use the device on tattoo or permanent in the treatment area. If these are present on the area you want to treat, you can use an opaque white makeup pencil to cover them.



DO NOT use the device on dark brown or black skin. Since dark skin absorbs more light energy, treating very dark skin may cause discomfort/pain and adverse effects (e.g., burns, blisters, discoloration or scarring) and injure your skin. By the way, please **DO NOT** use the device on red, very blonde, grey or white hair, the device is not effective on these hair colors. See **SKIN TONE CHART** and **HAIR COLOR CHART** before use.

SKIN TONE CHART



HAIR COLOR CHART

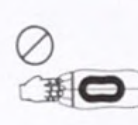


Note: If your skin has been artificially or naturally tanned, or is burned from sun overexposure during the past 4 weeks. Please **DO NOT** use the device.

WARNINGS



IMPORTANT SAFETY INFORMATION

-  **DO NOT** use the device on scalp, eyebrows or anywhere near or around the eyes. Use the device in these areas may hurt your eyes. Never look directly at the light coming from the treatment area.
-  **DO NOT** use the device repeat treat more than twice on the same area. Too much energy penetrates into dermis may damage skin.
-  **DO NOT** use your hand to entirely block the cooling ventilation holes (6) on the back, which may affect the normal use of the device.
-  **DO NOT** replace or pull out the lamp cartridge under operation with electricity. It is danger.
-  **DO NOT** use the device If you feel intense pain during treatment.
-  **DO NOT** use the device in or near water and wet surfaces such as bathtubs, showers, basins or other vessels that may contain water. Electronic shock and malfunction are easy to be caused.
-  **DO NOT** use the device under flammable or explosive environment, or use petroleum-based or flammable cleaning agents (alcohol, acetones etc) on the device as these pose a fire risk.

SAFETY WARNINGS

- **DO NOT** use if the device is cracked (such as cracked housing, cord damage etc).
- **DO NOT** use if the glass filter it is cracked or missing.
- **DO NOT** touch the glass filter during or directly after use since it will get hot.
- **DO NOT** attempt to use the device on the body parts where you want hair.
- **DO NOT** attempt to repair and open the device by yourself.

ILLUSTRATED GUIDE



- | | |
|---------------------------|-------------------------|
| ① Power Switch | ⑦ Power Cable |
| ② Energy Level Adjustment | ⑧ Power Connector |
| ③ LCD Status Display | ⑨ Power Supply 100~220v |
| ④ Flash Button | ⑩ HR Lamp |
| ⑤ Flash Window | ⑪ AC Lamp (optional) |
| ⑥ Ventilation Holes | ⑫ SR Lamp (optional) |
| | ⑬ Power Socket |

Note: (SR) Skin rejuvenation lamp and (AC) acne clearance lamp are for optional purchase. Due to different shooting angle, the color of different lamp filter is a little different. The pictures are only for reference

TECHNICAL SPECIFICATIONS

Product Weight	280g
Product Size	L176 x W74 x H46mm
Power	36 w
Power Supply	AC100V~240V~50/60Hz
Energy Level	5 levels
Area Spot Size	4.5cm ²

ENVIRONMENTAL SPECIFICATIONS

Storage and Transportation

Temperature	14°F-131°F (-10°C-55°C)
Humidity	90% at 131°F (55°C)
Air Pressure	700-1060 hPa

Operating Conditions

Temperature	50°F-122°F (10°C-50°C)
Humidity	Up to 80% at 99°F (37°C)
Altitude	Up to 13000 ft (3900 m)

Do not expose device directly to the sun or other radiation.

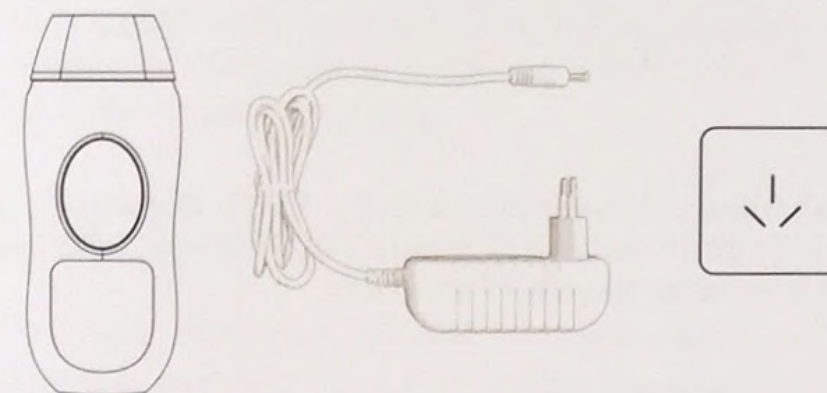
LIFETIME OF LIGHT SOURCE

Status Display	Function	Lamp Life	Wavelength
	Hair Removal (HR)	400,000 Flash	510~1200 nm
	Acne Clearance (AC)	400,000 Flash	430 nm
	Skin Rejuvenation(SR)	400,000 Flash	560 nm

METHOD OF USE

1. Connect the appliance

Insert the Power Connector(8) in the Power Socket(13). Plug in the power.

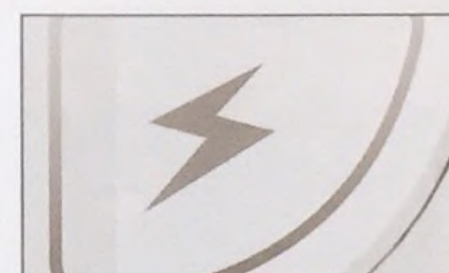


2. Turn on the device

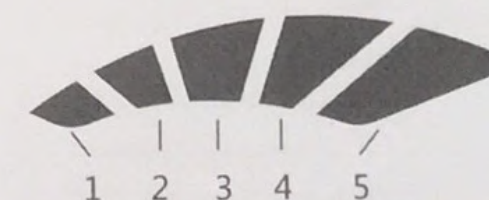
Touch Power Switch Key(1) to power on.

3. Select energy level

The device has 5 energy levels, from 1 (the lowest) to 5 (the highest), designed 5 triangles arranged like a fan on the status display (3). Increase or decrease energy level by touching Energy Level Adjustment Button (2) repeatedly . It is advisable to perform a patch test to examine the appropriate energy level for you (See chapter in PATCH TEST).



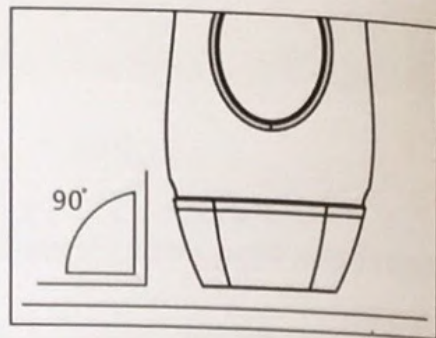
Energy Level +
Energy Level -



Energy Level Icon
on Status Display

4. Treatment

Please place Flash Window (5) vertically (90°) and firmly on your skin where you want to remove unwanted hair. When the status display (3) is flashing, it means the device is ready for the flash. Press Flash Button (4) to send pulses. You can choose two different treatment modes according to your need.



TREATMENT MODES

Flash Mode

Using the single Flash Mode, when you press the Flash Button(4), a flash is emitted every time. Factory setting is single Flash Mode. This mode is for precision areas like underarms, bikini and face.

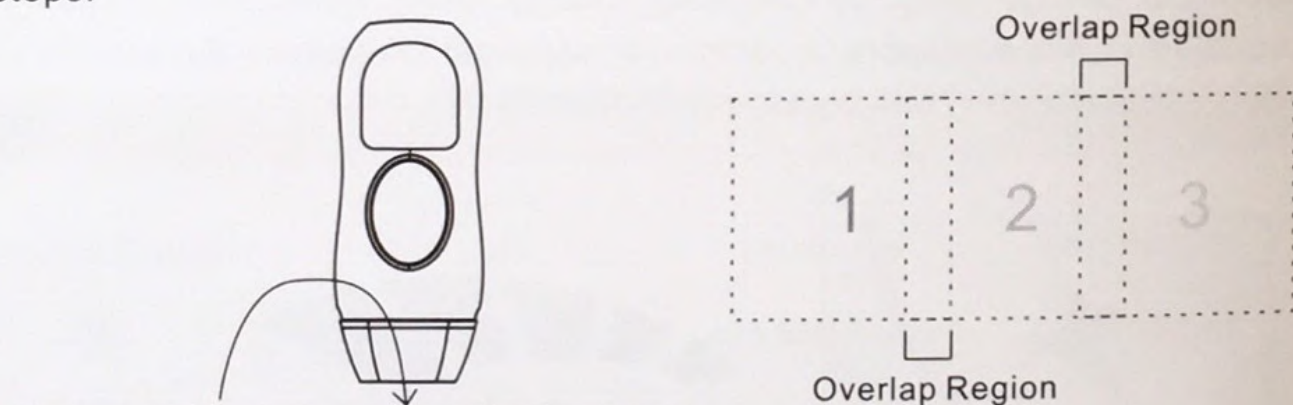
Slide Mode

Press and hold the Flash Button(4) down for 3 seconds, the Slide Mode will be activated. Then you can release it. The device will emit flash repeatedly whenever you place the Flash Window (5) firmly on your skin. Slide Mode is for easy, fast treatments on straightforward areas such as legs and stomach.

To turn off Slide Mode, just press the Flash Button (4) once and the device will switch to single Flash Mode.

5. Move to next treatment area.

When you see status display is flashing, slightly move the device (about 5mm) to the next treatment area. There is a certain overlap between the two treatment areas. Please repeat the treatment according to the above steps.



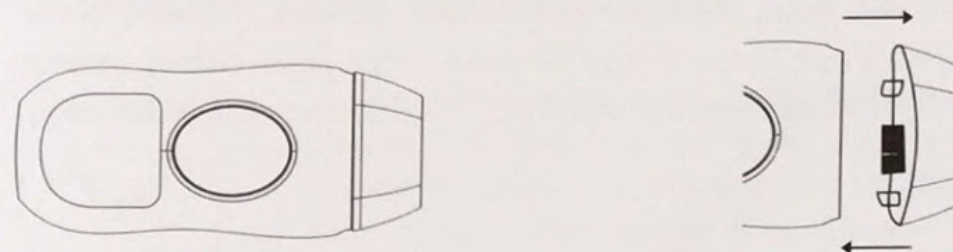
6. Touch and hold Power Switch key (1) down for 3 seconds to turn off the device after treatment.

HAIR REMOVAL TREATMENT CYCLE

For achieving optimum results, it is advisable to radiate once, maximum 2 times on each treated area, proceed with 1 or 2 treatments per week. The hairs will be inhibited to grow after finishing the first 3 months cycle. In case you no longer see hair growing, you do not need to complete the full 12 weekly treatments. You can switch to maintenance treatments when the hairs begin to reappear (such as every 2 or 3 months, depends on individual hair growth rhythm).

REPLACE THE LAMP

When you see flash number on Status Display (3) is "0", it indicates that the life of the lamp cartridge is over and you need to replace a new lamp if you need to resume to use the device.



1. Turn off the device and pull out power connector (8).

2. Pull out the lamp cartridge with grips carefully. And then install a new lamp, please carefully match each element with the corresponding housing on the machine.

3. Please operate 1-2 steps if you need to replace AC lamp (11) or SR lamp (12). After change different functional lamp cartridge, the Status Display (3) will show related different functional icons accordingly as follows:



- ① Hair Removal (HR)
- ② Acne Clearance (AC)
- ③ Skin Rejuvenation (SR)

HR/AC/SR TREATMENT INTERVAL OPERATION

It is important to do one kind of treatment on the same treatment area within one day. If you are doing hair removal treatment (HR), but also want to do acne clearance treatment (AC) or skin rejuvenation treatment (SR) on the same treatment area, please spend at least 2 days between other treatments.

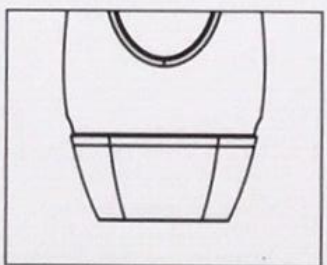
ACNE CLEARANCE TREATMENT

The acne treatment works by IPL light that it is a specific wavelength to kill bacteria that causes acne (*Propionibacterium acnes*). Please wear safety glasses and do not treat areas near the eyes. For your safety, please abide by Chapter on Contraindications, Safety Precautions and Warnings before use the device.

HOW TO OPERATE?



1. Replace acne clearance (AC) lamp (11). After turn on the device, related acne clearance icon  will show on the display.



2. Touch Energy Level Adjustment Button (2) to adjust suitable energy level. When you place the Flash Window(5) vertically and firmly on the treated skin areas. The status display will be flashing, it means the device is ready for the Flash. You can choose Flash Mode or Slide Mode according to your need. It is advisable to radiate once, maximum 2 times on each treated area, proceed with 1 or 2 treatments per week until the desired results are achieved.

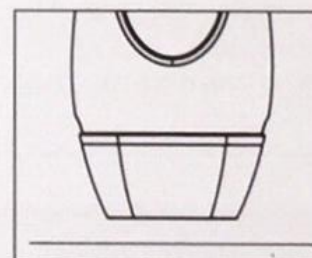
SKIN REJUVENATION TREATMENT

Skin rejuvenation treatment works by IPL light that it is a specific wavelength to stimulate the production of new collagen, which can renew, firm, replenish and brighten the skin. Please wear safety glasses and do not treat areas near the eyes. For your safety, please abide by Chapter on Contraindications, Safety Precautions and Warnings before use the device.

HOW TO OPERATE?



1. Replace skin rejuvenation (SR) lamp (12). After turn on the device, related skin rejuvenation icon  will show on the display.



2. Touch Energy Level Adjustment Button (2) to adjust suitable energy level. When you place the Flash Window(5) vertically and firmly on the treated skin areas. The status display will be flashing, it means the device is ready for the Flash. You can choose Flash Mode or Slide Mode according to your need. It is advisable to radiate once, maximum 2 times on each treated area, proceed with 1 or 2 treatments per week until the desired results are achieved.

AFTER TREATMENT

- After treatment, it is advisable to use sunscreen SPF15 whenever treated areas may be exposed to the sun and/or tanning lights, such as tanning booths or solariums.
- Any activity or skin product may irritate your skin for 24 hours after treatment should be avoided, including using hot tubs or saunas, wearing tight-fitting clothing, using bleaching and creams, perfumed products or peeling products. The above may cause irritate treated areas, such as itching and redness.

POSSIBLE SIDE EFFECT

Some people may feel slight discomfort (such as redness of the skin) when using the device--this is normal. If you feel heat and tingling when activating the flash, followed by redness in the skin. This type of reaction usually will disappear within 24 hours. Adverse reactions are usually immediate or appear within 24 hours. In rare cases, they may take up to 72 hours to appear. If you feel abnormal skin reactions please contact your physician.

Possible Side Effect	How to Assess and React?
Warm or tingling feeling during treatment that typically disappear after a few seconds to a minute, and decrease with continued use.	It is expected and normal for all IPL treatments. You can follow the instructions to continue using the device.
Discomfort or intense pain during treatment or persists after a treatment.	Stop to use the device and consult your physician before using it again.
Skin redness during or after treatment which disappears within minutes to several hours.	It is expected and normal for all IPL treatments. You can follow the instructions to continue using the device once skin redness has disappeared.
Skin redness does not disappear within 24-48 hours after treatment.	Stop to use the device and consult your physician before using it again.

In Very Rare Cases:

Swelling and redness around the hair follicle disappears within two or three days.	You can follow the instructions to continue using the device once swelling and redness around the hair follicle has disappeared.
Swelling and redness around the hair follicle does not disappear within two or three days.	Stop to use the device and consult your physician before using it again.
Temporary changes in skin color (lightening or darkening).	If your skin color changes, stop using the device and consult your physician.
Increase in hair growth in areas of treatment (more likely to be seen with subjects of Mediterranean descent).	If this increase persists over several treatments, stop using the device and consult your physician.

PATCH TEST

Before your first treatment, we recommend you test your skin for reaction to use the device on a small area of skin parts where you want to treat.

HOW TO PERFORM A PATCH TEST

- Shave small area to be treated.
- Wear safety glasses.
- Choose the lowest energy (level 1), and then apply the device to the area and emit the first pulse. If you do not feel any kind of discomfort, you can increase the appropriate energy and move to next small skin area to perform a patch test. (See chapter **METHOD OF USE** to operate the device.)
- Wait 24 hours to examine the test area.
If the skin appears normal, begin your first treatment.
If you feel discomfort and appear skin reactions, stop to use the device and consult your physician. Do not treat the patch tested area for at least one week hours after the test.

MAINTENANCE

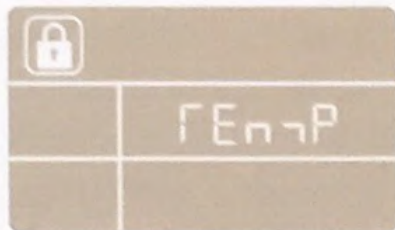
MAINTENANCE AND STORAGE

After treatment, it is recommended to clean the device and then keep maintenance.

- Turn off the device by touching and holding the Power Switch Button (1) down for 3 seconds and disconnect the Power plug(9).
- Gently wipe the Flash Window (5) with a clean dry, lint-free cloth.
- **DO NOT** store the device in a humid environment. Make use store it in a cool, dry place.
- **DO NOT** rinse or immerse the device in water or any other liquid.

PROTECTION LOCK

The device has protective system. If the device's working temperature is too high during long-time treatment, the protection lock icon (as shown) will show on the LCD Status Display(3). The device will stop working to protect itself. It will work again until it cooled after a few minutes.



TROUBLE SHOOTING

PROBLEM	CONTROL/SOLUTION
The device does not start.	Make sure the device is connected well with the power connector and power supply is connected to electrical socket.
The skin contact sensor does not detect the skin.	Replace a new lamp.
The device does not send pulses.	Check if the display is blinking when you place Flash Window vertically and firmly on the skin.
	Press Flash Button when the display is flashing to emit pulses.
Power cut-off during treatment	Check if the power connector or power plug is loose

 DO NOT attempt to open or repair your IPL HAIR REMOVAL MACHINE LATYS-3, only authorized repair centers are permitted to perform repairs.



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