

User Manual

HR-AS22L



Content

Safety Precautions	1
Contraindications	1
Overview	2
Installation Guide	2
Control Panel Introduction	5
Packing List & Technical	13
Use Precautions	15
Maintenance & Cleaning	16
FAQ	17
Ask & Answer	19
Operation Guide	20
Warranty & Support	34

Safety precautions

1. Please read this manual carefully before use and familiarize yourself with the operation of this device and related technology.
2. As a high-precision electronic device, this device should be stored properly. Avoid humid conditions, direct sunlight, and proximity to flammable or explosive materials to prevent damage.
3. Always use the designated accessory provided or recommended by the manufacturer to ensure performance throughout its service life.
4. Do not place the device in high-temperature conditions, as this may negatively impact its service life and performance.
5. Do not apply the device on eyes, thyroid, parathyroid, testicles, pregnant women's abdomen, pacemakers, etc.
6. Patients should consult their doctor before using this device.
7. Power off the device when not in use to ensure its safety.
8. If you are currently taking anti-adiposity drugs, please discontinue their use for 1 - 2 months before using this instrument. Failure to do so may result in an extended course of treatment.
9. To maintain hygiene and extend the device's service life, sterilize it with saline.

Contraindications

Before using this device, it is essential to consult your doctor or seek advice from professionals. Details below:

1. Pregnancy or lactation.
2. Hypertension, heart disease, or with a pacemaker installed.
3. Unhealed wounds or ongoing recovery from recent surgery.
4. Epilepsy, severe diabetes, and hyperthyroidism.
5. Malignant tumors, hemophilia, and hemorrhage.
6. Skin disease or infectious disease.
7. Cesarean section within the last six months, a miscarriage within the last three months, or a natural birth within the last two months.
8. Recent plastic surgery (within three months), or presence of implants or metal objects in the treatment area.

Overview

Combining advanced hair removal and picosecond laser technologies, this beauty device offers exceptional hair removal and facial rejuvenation. It provides an ideal solution for those seeking aesthetic improvements and hair management without injections, drugs, or side effects. This non-invasive device delivers visible results with each use.

Installation Guide



Note: Before starting the machine, it must be filled with water. Running it without water is strictly prohibited. Use only purified or distilled water to meet the machine's water quality requirements.

1. Open the overflow port, insert the funnel into the water injection port, and add approximately 4 liters of purified water until a substantial amount flows out of the overflow port, indicating the machine is full. Tap water is not allowed.
2. Once filled, close the overflow port. The rubber plug for the water injection port does not need to be reinserted, as keeping it open allows air circulation. A closed inlet may trigger an alarm.
3. For frequent use, add water once a week and replace it monthly.
4. To change the water, open the drainage port, fully drain the water, then close it. Refill following steps 1–2.



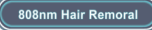
Power Installation: Plug the power cord into the Power Connector at the bottom right of the machine, ensuring a secure connection.

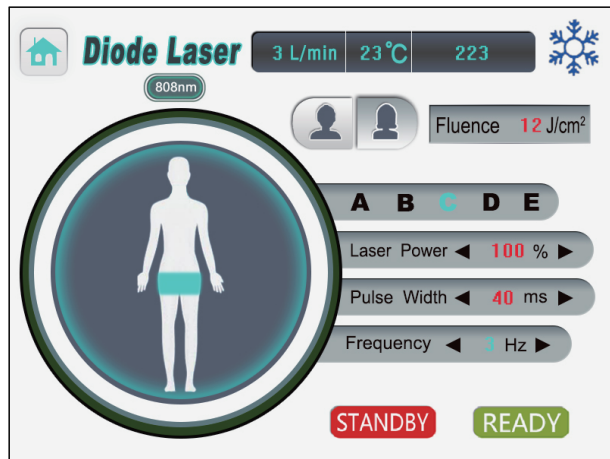
In an emergency, immediately press the red emergency button to cut off power and stop the entire system.

To resume operation, turn the emergency button clockwise to reset it to its original position.

Control Panel Introduction



Press the machine, and it will enter the power-on interface after three seconds. This allows water to fully circulate in the pipes, preventing overheating and ensuring safe operation. Click  to enter the hair removal interface.



Fluence **12 J/cm²**

Energy Density: Automatically synchronizes when adjusting pulse width and frequency, no manual adjustment needed.

Laser Power ◀ **100 %** ▶

Current Intensity: Maintains 100% unchanged.

Pulse Width ◀ **40 ms** ▶

Pulse Width: Adjustable from 1–400ms; recommended range is 40–65ms. Adjust from 40ms to achieve a warm sensation or slight tingling for optimal hair removal.

Frequency ◀ **3 Hz** ▶

Frequency: Adjustable from 1Hz–10Hz; recommended setting is 3Hz–4Hz. Set fast mode to 4, and long-press the joystick button for continuous light emission.

3 L/min

The device's current water consumption

23°C

Displays the current water temperature in the machine.

223

Shows the total number of emitted light pulses.



[Male] and [Female] avatars for selecting the depilation target.

A B C D E

A, B, C, D, E – Depilation site selection.



Cooling: Ensure the snowflake icon at the top of the screen is lit before starting; otherwise, the device will not operate.

READY

Start

STANDBY

Pause

Screen Parameter Settings Reference

755 Hair Removal

Fluence/Jcm2	Treatment part	Laser Power / %	Pulse width(ms)	Frequency (Hz)
Automatic synchronization requires no adjustments	A Improve facial skin roughness and enhance skin elasticity	Keep 100% motionless	35ms-56ms	2-3Hz

Hair Removal

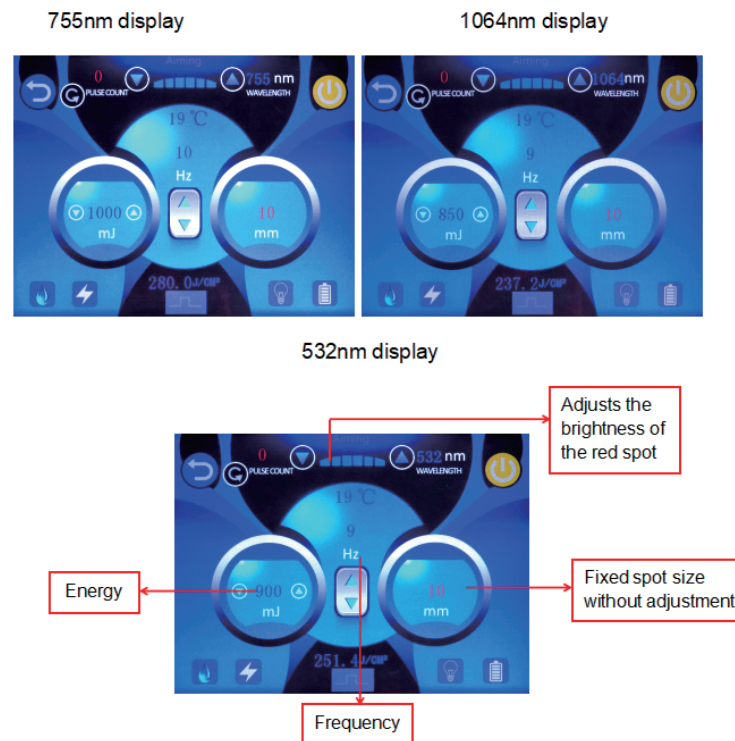
Fluence/Jcm2	Treatment part	Laser Power / %	Pulse width(ms)	Frequency (Hz)
Automatic synchronization requires no adjustments	A Cheeks, hairline lips, beard, neck	Keep 100% motionless	35ms-55ms	3-4Hz
Automatic synchronization requires no adjustments	B Back, chest, waist	Keep 100% motionless	35ms-55ms	3-4Hz
Automatic synchronization requires no adjustments	C Bikini	Keep 100% motionless	35ms-58ms	3-4Hz

Hair Removal				
Fluence/Jcm ²	Treatment part	Laser Power / %	Pulse width(ms)	Frequency (Hz)
Automatic synchronization requires no adjustments	D Legs	Keep 100% motionless	40ms-68ms	3-4Hz
Automatic synchronization requires no adjustments	E Underarm, Hand, Arm	Keep 100% motionless	35ms-75ms	3-4Hz

Pulse Width and Frequency – High & Low Energy Parameters:

- 1 Hz → Pulse Width: 10–400 ms
- 2 Hz → Pulse Width: 10–200 ms
- 3 Hz → Pulse Width: 10–135 ms
- 4 Hz → Pulse Width: 10–100 ms
- 5 Hz → Pulse Width: 10–80 ms
- 6 Hz → Pulse Width: 10–65 ms
- 7 Hz → Pulse Width: 10–55 ms
- 8 Hz → Pulse Width: 10–50 ms
- 9 Hz → Pulse Width: 10–45 ms
- 10 Hz → Pulse Width: 10–40 ms

Picosecond Interface



1. Parameter Adjustment:

1. Energy: Adjustable from 50–1000 mJ. Recommended starting point: 200 mJ. Adjust based on pigment depth and material.

2. Frequency: Adjustable from 1–10 Hz. Recommended setting: 1–3 Hz for optimal results.

3. Carbon Peeling: Select the 1064 nm system.

4. The screen parameter adjustment of each wavelength is basically the same.

2. Treatment area

1. 1064 nm Laser Head: Effectively removes dark tattoos, eyebrows, lips, eyeliner, traumatic pigmentation, and freckles.

2. 532 nm Laser Head: Suitable for treating red or tan tattoos, eyebrows, lip lines, and eyeliner. Effectively lightens red or brown birthmarks and various light spots. ctively lighten red or brown birthmarks and various light spots.

3. 755 nm Honeycomb Head: Targets difficult pigmentation spots, including secondary sunburn, freckles, melasma, age spots, dry spots, and dermal pigmentation.

4. 1320 nm Carbon Peeling Head: Used for skin rejuvenation, whitening, and pore tightening.

3. Treatment head



Reference Settings

Treatment	Energy	Frequency	Treatment Head
Black-face Doll Treatment	500-1520	5-8	Black Treatment Head
Picosecond	300-1040	5-8	1320nm
Spot Removal (Deep Skin Layer)	580-1520	1-3	1064nm
Spot Removal (Deep Skin Layer)	580-1520	1-3	532nm
Mole Removal	1040-1520	1-3	1064nm
Eyebrow Tattoo Removal	580-1520	1-3	532nm
Body Tattoo Removal	580-1520	1-3	1064nm、532nm
Skin Whitening	580-1520	1-6	755nm

Note: The above settings are for reference only. Adjust according to the customer's tolerance to prevent skin burns. For pain-sensitive recipients, apply anesthetic 20–30 minutes in advance.

Operation skills for laser tattoo removal system

Items	Times	Interval	Notice
Eyebrow	3-6	30-60days	Remove eyebrow hair and protect eyeballs
Eyelid	3-6	45-60days	Remove eyebrow hair and protect eyeballs
Lips outline	3-6	15-45days	Use 532nm
Body tattoo	3-6	30-60days	Exude blood is effective
Flecks removal	3-6	15-30days	Exude blood is effective

Requirements Before Treatment

- 1.The beautician should record customer details, fully understand their skin condition, and select the appropriate laser head. Communicate openly to ensure the customer feels relaxed.
- 2.Clean the treatment area thoroughly, allow it to dry completely, and sterilize all equipment.
- 3.Energy reference:

Application	Best frequency	Distance
Eyebrow	3HZ	1-2cm
Cover layer	3HZ	2-4cm

Application	Best frequency	Distance
Eyelid	3HZ	2-3cm
Lip outline	3HZ	2-4cm
Body tattoo	3HZ-5HZ	3-4cm
Body tattoo	3HZ	3-4cm

Packing List & Technical Specifications

★ Packing list

Name	Unit	Quantity
Handle 1: Diode laser	pcs	1
Handle 2: Pico Laser	pcs	1
Laser heads	pcs	4 (532nm,1064nm,755nm,1320nm)
Power line	pcs	1
Protective eyewear	pcs	1
Eye patch	pcs	1

Name	Unit	Quantity
Add water funnel	pcs	1
Handle hanger	pcs	2
key	pcs	2
user's manual	pcs	1

★ Technical parameters

Name	808nm Diode+ Pico Laser
Effect	Hair removal, eyebrow washing, tattoo removal, spot removal, skin rejuvenation
screen size	8 inches (Customized language)
Handle 1: Diode Laser	Wavelength: 808nm
	Spot size: 15*15mm ² (6bars)
	Laser Bar: 5bars/6bars/10bars Optional
	Handle shots: 20,000,000 shots
	Energy density:1-120J/cm ²
	Laser Power: 1-100%
	Pulse width: 10~400ms
	Frequency: 1-10HZ

Handle 2: Pico Laser	Wavelength: 532nm/755nm/1064nm /1320nm
	Energy: 50-1000mJ
	Operating Frequency:1-10HZ
	Handle shots:500,000 shots
Output Power	1000W
Cooling	Water + Air + Semiconductor cooling system
Voltage	220VAC/50Hz or 110VAC/60Hz
Package size	61*46*51cm
Gross Weight	29KG
Packing	Air box

Use Precautions

- 1.Strictly follow the instructions in the manual to use the device and train operator.
- 2.Before using the device, use a plug with a grounding pin and ensure the power socket is grounded.
- 3.Make sure the voltage of the device is adapted. If the local power supply voltage is unstable, we recommend adding a power-matched regulated power supply between the mains and the device.
- 4.If you have a recent sunburn or plan to be exposed to the sun, wait for at least 15 days before using the device.
- 5.After use, wipe the device and handle with the saline solution using a tissue to extend the service life (avoid alcohol).

- 6.Fill the water tank before turning on the device to prevent damage.
- 7.Wear protective goggles during facial treatments to prevent eye injury from the laser.
- 8.Maintain a 3–4 cm distance between the treatment head and the face during operation.
- 9.Do not wash the treated area with water for 3–5 days after tattoo removal, eyebrow tattoo removal, mole removal, or spot removal.
- 10.For pain-sensitive recipients, apply anesthetic 20–30 minutes in advance.
- 11.Keep the foot switch pressed during operation.
- 12.Keep reflective objects (e.g., watches, mirrors, jewelry) outside the treatment area or in a drawer.
- 13.During the black-face doll treatment, apply carbon liquid and allow it to dry before starting.
- 14.Do not look directly at the laser. The operator should also wear protective goggles.
- 15.When using the 1064nm or 532nm treatment head, avoid applying to non-pigmented skin to prevent burns.
- 16.Stop operation if the spots have been completely removed or destroyed to avoid skin damage.
- 17.Store the treatment head properly to prevent dust from damaging the lens.

Maintenance & Cleaning

- 1.Disconnect the power cord when not in use and store the device in a dry, cool, and well-ventilated place.
- 2.Clean and sanitize the device with a damp cloth or saline, and then dry it thoroughly with a dry towel to ensure it remains dry.
- 3.After cleaning the device, cover it with a dustcloth or plastic wrap. Before use, ensure to sanitize the handle again for hygienic reasons.

- 4.Disassembling the device and attempting to clean the inside is strictly prohibited. This task should only be performed by professionals.

FAQ

1.Can I achieve permanent hair removal with a single laser treatment?

A: No. A full course of treatment is necessary to achieve satisfactory results. Hair grows in three cycles: anagen, resting, and regression. Laser hair removal is most effective during the anagen phase, but since hair follicles cycle at different rates, multiple sessions are required. Treatments are typically scheduled every 3 to 6 weeks, depending on the area being treated and individual hair growth patterns. A personalized treatment plan ensures optimal and lasting results.

2.Is hair removal harmful to the skin?

A: No, it is safe. The treatment is based on the principle of selective photothermolysis, meaning the specific wavelength targets only the melanin in the hair follicle without affecting surrounding skin tissue. Since the surrounding skin contains little to no melanin at that wavelength, it remains unharmed, ensuring a safe and effective procedure.

3.Will laser hair removal make the hair on the treated area darker?

A: No, quite the opposite. Laser hair removal often results in thinner and lighter regrowth of hair on the treated area. Traditional hair removal methods like shaving, epilation, depilatory creams, or waxing can lead to thicker and darker hair regrowth.

4.Is there a preferable season for laser hair removal?

A: Laser hair removal is a year-round option without specific seasonal preferences. It's a non-invasive procedure with no downtime, allowing flexibility for treatment at any time. However, starting the treatment earlier allows you to complete the multiple sessions sooner, giving you smoother skin.

5.Can I tan right after a laser hair removal treatment?

A: No, tanning should be postponed. After laser treatment, both hair follicles and the skin's cuticle shed together, temporarily reducing the skin's protective barrier. To prevent irritation and potential damage, it is essential to avoid sun exposure during this period.

6.Can visible results be achieved with a single Black-Face Doll treatment?

A: Yes, Black-Face Doll combines skin-softening laser technology with radio frequency and medical skincare methods. One treatment will lead to noticeable skin improvements, such as smoother, fairer skin with reduced fine lines, pigmentation, and smaller pores. The results become more pronounced with additional sessions.

7.When can I expect to see results with Picosecond treatment?

A: Picosecond treatment is designed to improve pigmented skin by rapidly breaking down melanin with powerful energy. This process is metabolized by the skin and excreted from the body. Simultaneously, it stimulates skin repair, promotes collagen renewal, and enhances skin texture. Visible results are typically noticeable within about a week.

8.Can one Pico Laser treatment completely remove spots?

A: While a single Picosecond spot removal treatment notably reduces spot size, complete removal typically necessitates 1-2 courses, each comprising 3-4 sessions. The timeline for optimal results varies based on individual conditions.

9.What distinguishes Black-Face Doll treatment from traditional methods?

A: Laser skin rejuvenation, incorporating laser technology and carbon gel, offers comprehensive skin enhancements such as pore reduction, brightening sallow skin, and tightening. It surpasses traditional methods in effectiveness and comprehensiveness.

Ask & Answer

Issue	Solution
The unit does not power on when the key is turned	Ensure the emergency switch is released.
Alarm triggered on first use	Check if the water inlet is open to allow proper internal airflow.
The machine powers on but does not	Verify that the power supply and voltage are correct. Inspect the power cable for any damage.
Function	

Issue	Solution
Apparatus components overheating	Check the operating duration. Disconnect the power and allow the machine to cool before resuming use.
Water flow failure triggers an alarm after extended use	Regularly drain and replace the internal water to maintain proper flow.
Frequent water replacement leads to handle blockage	Remove the handle and use a high-pressure air gun to clear the insertion and extraction ports.
The machine has no power	Check if the fuse is blown. If so, replace it.
Extended operation causes high water tank temperature	Turn off the machine and allow it to cool for 20–30 minutes before changing the water.

Operation Guide

Armpit/Arm/Leg/Bikini Hair Removal

1.Effect

Remove unwanted hair from the target area.

2.Operation Steps

Preparation: Razor, disposable towel, paper towel, gel, mask stick

- 1.Shave the treatment area with the razor.
- 2.Clear away the shaved hair.
- 3.Apply a generous layer of gel to the treatment area.
- 4.Provide goggles for the recipient.
- 5.The operator must wear goggles as well.
- 6.Settings:
Select 1064nm Hair Removal on the Screen
Treatment Area: Choose from A/B/C/D according to the treatment part.
Laser Power: 100%
Pulse Width: 50ms
Frequency: 4Hz
- 7.Using a stamping technique, treat the entire area horizontally and then vertically.
- 8.Scrape off the gel using the scraper and wipe away any residue with tissues.

3.Care after treatment

- 1.Follow a healthy daily routine post-operation and balance work with rest.
- 2.Avoid steam sauna, hot springs, swimming, and sun exposure for the next 7 days.

Lip Hair/Hairline Management

1.Effect

Remove unwanted hair from the target area.

2.Operation Steps

Preparation: Wash basin, disposable bag, disposable washcloth, mask scraper, razor, make-up remover, cleanser, toner, essence, gel, facial mask, lotion/cream, sunscreen

- 1.Remove makeup and cleanse the skin.
- 2.Shave the treatment area with the razor.
- 3.Clear away the shaved hair.
- 4.Reapply the gel uniformly with a thickness of approximately 0.5 cm.
- 5.Provide goggles for the recipient.
- 6.The operator must wear goggles as well.
- 7.Settings:
Select 808nm Hair Removal on the Screen
Treatment Area: A
Laser Power: 100%
Pulse Width: 40ms
Frequency: 3Hz
- 8.The operator must wear goggles as well.
- 9.Start at the chine area, utilize a stamping technique to cover the entire area, starting horizontally and then moving vertically (5-8 times).
- 10.Scrape off the gel using the scraper and wipe away any residue.

3.Before and After Treatment

- 1.If you have used topical A-acid ointment or blemish-removing products before the operation, it is recommended to discontinue the medication for 1 week before hair removal.
- 2.Refrain from the laser, dermabrasion, or fruit acid skin resurfacing beauty treatments one week before and after the operation.
- 3.Follow a healthy daily routine post-operation and balance work with rest.
- 4.Apply at least one hydrating mask every day for one week after treatment and avoid using skincare products and cosmetics containing irritants such as fruit acids, salicylic acid, and alcohol.
- 5.Avoid steam sauna, hot springs, swimming, and sun exposure within 7 days.
- 6.Enhance sun protection by using physical sunscreen outdoors, such as carrying an umbrella.

Photorejuvenation

1.Effect

- 1.Reduce skin imperfections and minimize pores.
- 2.Address dull skin tone and pigmentation issues.
- 3.Boost skin elasticity to combat aging.
- 4.Efficiently rejuvenate the skin, addressing wrinkles and spots.
- 5.Improve capillary dilatation and reduce redness.

2.Operation Steps

Preparation: Wash basin, disposable bag, disposable washcloth, make-up remover, cleanser, toner, gel, serum, facial mask, facial cream, sunscreen

1. Use makeup remover to cleanse the face of dirt, oil, and makeup.
2. Cleanse the face using a facial cleanser, and then evenly apply toner.

3. Settings:

Treatment Head: 755nm Hair Removal

Treatment Area: A

Laser Power: 100%

Pulse Width: 40ms

Frequency: 3Hz

4. Apply a 0.5 cm layer of gel evenly across the face.
5. Cover the recipient's eyes with washcloths, then place the black goggles on.
6. The operator must also wear goggles.
7. Press the treatment head against the skin, and with each operation, press the handle button
8. while applying a horizontal stamping technique across the entire face.
9. Remove the goggles and washcloths.
10. Scrape off the remaining gel.
11. Cleanse face with a cleansing wipe.
12. Apply a facial mask.
13. Remove the mask and cleanse the face.
14. Apply toner, serum, cream and SPF.

3. Before and After Treatment

1. If you have used topical A-acid ointment or blemish-removing products before the operation, it is recommended to discontinue the medication for 1 week before taking Photorejuvenation treatment.
2. Refrain from the laser, dermabrasion, or fruit acid skin resurfacing beauty treatments one week before and after the operation.
3. Follow a healthy daily routine post-operation and balance work with rest.
4. Apply at least one hydrating mask every day for one week after treatment and avoid using skincare products and cosmetics containing irritants such as fruit acids, salicylic acid, and alcohol.
5. Avoid steam sauna, hot springs, swimming, and sun exposure within 7 days.
6. Enhance sun protection by using physical sunscreen outdoors, such as carrying an umbrella.

Black-Face Doll Treatment

1. Effect

1. Deep cleansing and pore purification.
2. Skin Whitening.
3. Oil control and pore refinement.
4. Skin texture enhancement.

2. Operation Steps

Preparation: Wash basin, disposable bag, disposable washcloth, carbon cream, protective goggles, make-up remover, cleanser, toner, serum, facial cream, sunscreen

1. Use makeup remover to cleanse the face of dirt, oil, and makeup.
2. Cleanse the face using a facial cleanser, and then evenly apply toner.
3. Apply carbon cream evenly across the face,
4. and allow it to dry.
5. Cover the recipient's eyes with cotton pads, then place the black goggles on.
6. The operator must also wear goggles.
7. Attach the black treatment head to the handle.
8. Settings:
Energy: 700MJ
Frequency: 5Hz
9. Position the treatment head 3–5 cm away from the face, and smoothly move the handle from the chin across the face until the carbon cream is completely removed.
10. Remove the goggles and cotton pads.
11. Cleanse face with a cleansing wipe.
12. Apply a facial mask.
13. Remove the mask and cleanse the face.
14. Apply toner, serum, cream and SPF.

3. Before and After Treatment

1. Avoid laser treatments, dermabrasion, or chemical peels for at least one week prior.
2. Refrain from excessive sun exposure, tanning, or spa treatments for one month before the procedure.

3. Maintain a balanced lifestyle, ensuring proper rest and work balance.
4. Apply a moisturizing mask daily for one week to enhance hydration.
5. Avoid saunas, hot springs, and swimming for seven days.
6. Strengthen sun protection by using sunscreen with SPF 30–50 or higher and adopting physical sun protection, such as carrying an umbrella.
7. Avoid harsh skincare products and cosmetics for one week, including those containing fruit acids, salicylic acid, or alcohol.

Skin Whitening & Rejuvenation

1. Effect

1. Enhances skin tone and radiance.
2. Reduces fine lines and wrinkles.
3. Refines texture and firms the skin.

2. Operation Steps

Preparation: Wash basin, disposable bag, disposable washcloth, protective goggles, make-up remover, cleanser, toner, serum, facial lotion/cream, sunscreen

1. Use makeup remover to cleanse the face of dirt, oil, and makeup.
2. Cleanse the face using a facial cleanser, and then evenly apply toner.
3. Cover the recipient's eyes with cotton pads, then place the black goggles on.
4. The operator must also wear goggles.
5. Attach the 755nm treatment head to the handle.

6.Settings:

Energy: 700MJ

Frequency: 5Hz

7.Position the treatment head 3–5 cm away from the face, and smoothly move the handle from the chin across the face.

8.Remove the goggles and cotton pads.

9.Apply a facial mask.

10.Remove the mask and cleanse the face.

Apply toner, serum, and cream.

3.Before and After Treatment

1.Avoid laser treatments, dermabrasion, or chemical peels for at least one week prior.

2.Refrain from excessive sun exposure, tanning, or spa treatments for one month before the procedure.

3.Follow a healthy daily routine post-operation and balance work with rest.

4.Apply a moisturizing mask daily for one week to enhance hydration.

5.Avoid saunas, hot springs, and swimming for seven days.

6.Strengthen sun protection by using sunscreen with SPF 30–50 or higher and adopting physical sun protection, such as carrying an umbrella.

7.Avoid harsh skincare products and cosmetics for one week, including those containing fruit acids, salicylic acid, or alcohol.

Mole Removal

1.Effect

Enhance skin texture.

Improve skin appearance.

2.Operation Steps

Preparation: Washcloth, anesthesia, protective goggles, and repairing product.

1.Wipe the treatment area clean.

2.Apply anesthesia to the target area, allow it to sit for 20 minutes, and then cleanse the area.

3.Cover the recipient's eyes with cotton pads, then place the black goggles on.

4.The operator must also wear goggles.

5.Attach the 1064nm treatment head to the handle.

6.Settings:

Energy: 800MJ

Frequency: 3Hz

7.Ensure both the therapist and recipient wear protective goggles.

8.Position the treatment head 3–5 cm away from the mole area and start the procedure.

9.Apply a repairing product to the treated area.

3.Before and After Treatment

1.Refrain from excessive sun exposure, tanning, or spa treatments for one month before the procedure.

2. Maintain a balanced lifestyle, ensuring proper rest and work balance.
3. Avoid saunas, hot springs, and swimming for seven days.
4. Strengthen sun protection by using sunscreen with SPF 30–50 or higher and adopting physical sun protection, such as carrying an umbrella.



Before & After Laser Treatment Care

1. Preparation Before Treatment:

- (1) Ensure the treatment area is free of inflammation.
- (2) Not suitable for pregnant women.
- (3) Apply a warm compress to the treatment area to prevent skin dehydration.
- (4) Remove any remaining cosmetics from the treatment area.
- (5) Take a photo before treatment for comparison after the procedure.

2. Skin Appearance After Treatment:

- (1) Immediate Aftercare: Expect some redness and swelling at the treatment site, which will subside shortly.
- (2) Special Cases: If the voltage is set too high, scabbing may occur, but this will naturally fall off after about 7 days. Do not scratch the scab. Skin will return to normal in about 2 days. Taking vitamins may help lighten surrounding pigmentation. Mild burning or slight bleeding is normal and should not leave a scar.
- (3) Post-Scabbing: Once scabs fall off, the treated area will appear pink. After 2-3 weeks, it may turn coffee-colored, and full recovery is expected in 1-2 months.

3. Post-Treatment Care:

- (1) Gently wash the skin with water or a non-irritating cleanser.
- (2) If slight bleeding occurs due to a high voltage setting, wipe it off and apply an anti-inflammatory ointment (e.g., Ilotycin) until the scab naturally falls off. Avoid cosmetics or other medicines.
- (3) If the treatment area feels uncomfortable or flushed, apply an ice compress.
- (4) Avoid water exposure, scratching, or consuming hot, dark-colored foods (e.g., coffee, cola) before the scabs fall off. Refrain from smoking or drinking alcohol. Let the scabs fall off naturally.
- (5) Avoid heavy exercise to prevent sweat-related infections.
- (6) After scabs shed, there is no need to continue using anti-inflammatory ointment. Apply sunscreen with SPF 15 or higher, even indoors, to protect against UVA/UVB. This should be continued for 3-6 months due to increased sensitivity to sunlight post-treatment. Using suntan lotion or umbrella preventing can improve the effect early.
- (7) Treatment Frequency: The number of treatments varies depending on the treatment area and pigmentation. Typically, 1-2 sessions per area are needed, spaced 20-30 days apart. Schedule a clinic visit every 2-4 weeks for check-ups. If abnormalities occur, seek early treatment.
- (8) Pigmentation Fading: Fading pigmentation is a gradual process, usually taking 1-3 months. For optimal results, treatments should be spaced 1-3 months apart.

Introduction to the operation of various cases:

Washing eyebrows (removing monochrome blue and black eyebrows): Introduction to the operation of various cases:

Washing eyebrows (removing monochrome blue and black eyebrows):

Eyeliner

The light output speed can be set to 1-2Hz, and the light output energy value can be adjusted to the lowest (critical light output point). The distance between the tip of the gun and the affected area is 2-3 fingers, whichever is the bright spot. The operator must use thick medical gauze or eyelid plate to protect the eyeball closely. First wash the eyeliner, ask the subject to close the eyes tightly, and look up at the same time, the operator presses the gauze with the index finger to press the upper eyelid and push up, and the middle finger peels off the lower limit skin to expose the lower limit line. The speed of light is 5Hz for treatment: then After washing the upper limit line, the subject looks down while the eyes are tightly closed. The operator presses the gauze with the middle finger to press the eyelid down, and the index finger pushes the upper eyelid up to expose the upper eyeliner. The speed of light is 5Hz for treatment.

Lip liner

The speed of light can be set to 3HZ, and the appropriate energy value can be found in the table above. The distance between the gun head and the affected area is 3-4 fingers.

When removing black, brown, dark red, and brown, first wash with 1 064nm bald head, and then wash twice with 532nm bald head: to remove light dingy, red, light brown, and light brown, use 532nm bald head.

Note: All lip lines, bleached lips, and dipped lips must be treated after half a year of bleaching, otherwise the operation will fail. The course of treatment is 45-60 days, and the period of treatment is until it is washed.

Tattoo Removal

The speed of light can be set to 3HZ/5HZ, and the appropriate energy value can be found in the table above. The tip of the gun is 3-4 fingers away from the affected area, and the treatment should be performed with high energy close to the focus as much as possible. For the removal of

common blue and black, choose 1064nm bald head treatment, in case of red or brown color, choose 532 nm bald head treatment.

Stain removal

During the treatment process, energy should start at 200 MJ and increase or decrease according to the perceived intensity of each client. The recommended frequency for beginners is 1 Hz. The operator must hold the main part of the laser pistol and form a 180 degree angle as close to the skin as possible to the treatment area. Then, it enters the treatment area and is irradiated one after another. When using laser freckle removal for treatment, Laser should be used first near and then far, and in principle, it should be used before bleaching or light bleeding.



Intraoperative reflection and postoperative recovery:

1.when treating tissues with deep striae, due to the strong absorption of laser energy by melanin, local redness, swelling, blisters, and even the formation of bleeding spots may occur. It belongs to the normal inflammation of the tissue, and the severity of local inflammation varies from person to person. After the inflammation is relieved, the tissue may feel itchy and hard when touched. Generally speaking, all non-electrical sensations will disappear on their own within 3-7 days after harvest, and some individuals will last for a longer period of 1-3 months due to their physical condition.

2.After the operation, the bleeding area should be traced, washed with water, exposed to the sun, and other infectious behaviors, and the patient should follow the doctor's advice to prepare a diet. Do not eat spicy food or drink alcohol within 3-7 days. In case of sensitive customers with more bleeding and severe swelling, we recommend that they take antibiotics (acetylspiramycin) orally after surgery, and apply erythromycin ointment to the affected area during the recovery period (72 hours after surgery) to help heal, or wipe Repair fluid repair.

11.Warranty & Support

We offer a one-year warranty on the main unit and a three-month warranty on components.

Product Name: Multifunctional Integrated Device
Product Model: HR-AS22L
Production Date: _____
Quality Inspection: _____

