



Warning



When using the machine, it is necessary to wear an anti-static wrist strap.

The functions of the anti-static wristband: Discharge static electricity from the human body, protect sensitive equipment, enhance work safety, and provide real-time monitoring and alerts.

1. Preparation Before Operation

Inspection of Equipment and Consumables

Check whether the main unit, wires and Insulated Needle of the electrolysis hair removal machine are in good condition. Conduct a power-on test to ensure the equipment operates normally and the current output is stable.

Prepare consumables:

Insulated Needle , medical alcohol, iodophor, sterile gauze, disposable gloves, conductive gel, physiological saline, hemostatic cotton swabs, etc.

Communication and Evaluation with Clients

Inquire about the client's health status: check for contraindications such as heart disease, hypertension, diabetes, skin inflammation, scar constitution, pregnancy, or lactation. If any contraindication exists, the operation is not recommended.

Determine the hair removal area (e.g., lip hair, armpits, bikini line, etc.) and observe the skin condition: avoid damaged, red, swollen, or allergic areas. Test the client's tolerance to current (first use a low gear on a small local area).

Skin Disinfection

Wipe the hair removal area with medical alcohol cotton balls 2-3 times to remove oil and dirt. For sensitive skin, disinfect with iodophor and then remove iodine with physiological saline to avoid irritation. The client must remove metal jewelry from the hair removal area to prevent abnormal current conduction.

2. Specific Operating Steps

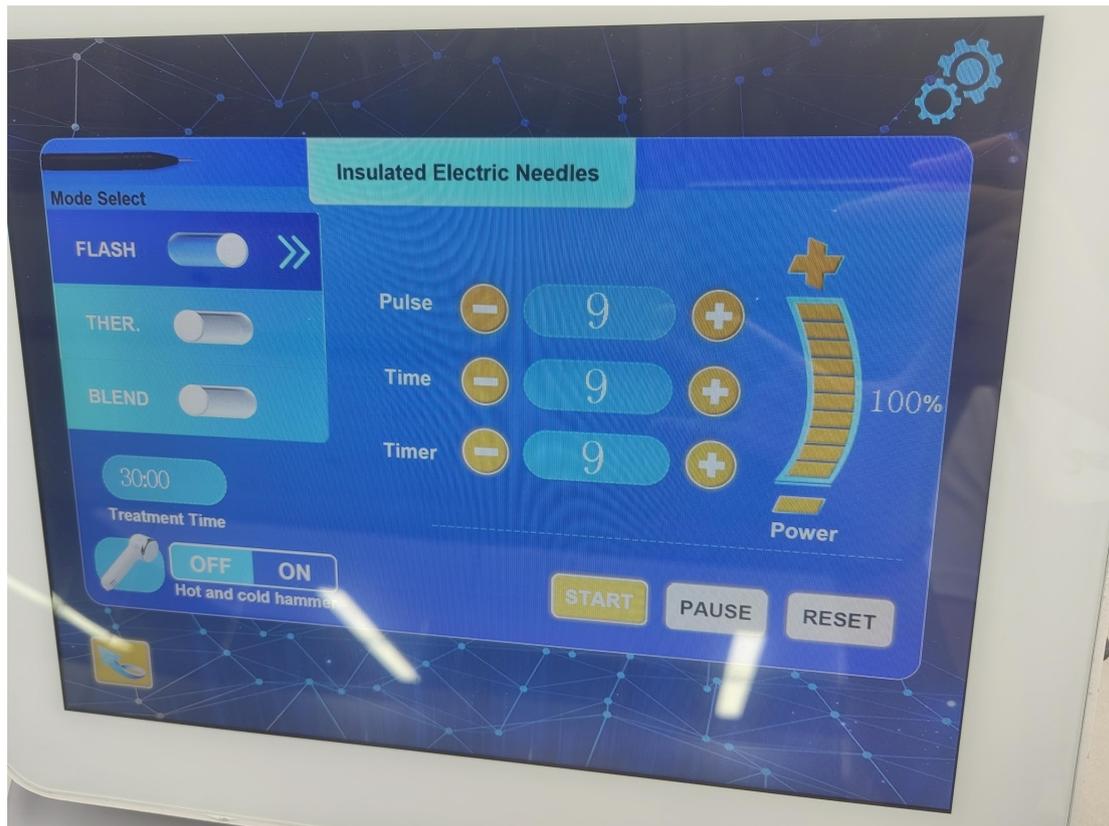




Hair Follicle Positioning and needle Insertion:

Use a magnifying glass or special lighting equipment to observe the position of hair follicles and determine the direction of hair growth (inserting the needle along the direction of hair growth can reduce pain and damage).

Hold the Insulated needle, align the needle tip with the hair follicle opening, and gently rotate to insert it into the root of the hair follicle (the depth is about 0.5-1mm, adjusted according to hair thickness; avoid inserting too deep to damage the dermis). Ensure the needle tip reaches the hair bulb (the key target of electrolysis).



Insulated Electric Needles

1- **POWER**

Sets the current intensity for Flash and Thermoliz (1 to 9)

2- **START** . When you press this button start work machine and work time

3- **PAUSE** When you press this button wait work machine and work time

4- **RESET** When you press this button reset work time

5- **FLASH** For Flash mode

- ****Pulse****:

Usually adjusted to a value between 1 and 5, with the specific setting tailored to hair thickness (e.g., coarser hair may call for a higher value within this range).

- ****Time****:

1–3 seconds per treatment (to end the session quickly and avoid heat accumulation caused by prolonged contact between the insulated needle and the skin).

for high - frequency continuous triggering, suitable for large - area hair removal (such as legs, back); paired with the hot - and - cold hammer for instant cooling, keeping the skin temperature $\leq 15^{\circ}\text{C}$

- ****Power****:

Generally set to 1–5, with adjustments based on individual skin tolerance and hair characteristics.

6- **THER.** For Thermoliz mode

- ****Power****:

Generally set to 4-9, gently damages hair follicle stem cells, suitable for fine, soft hair or light - colored hair, as well as small areas such as the face and armpits, with relatively little irritation to the skin.

7- **BLEND** For Blend mode.

- ****Power****:

Generally set to 4-9, balancing the requirements of both modes to suit areas with mixed hair types, suitable for coarse, hard and dark-colored hair (such as beard, chest hair), as well as areas with high requirements for long-lasting hair removal, and applicable to cases of stubborn hair.

8 - **PULSE For Flash Mode**

Current number 1 to 9

9 - **TIME For Flash Mode**

Current time for every current number

10 - **TIMER For Thermoliz Mode**

Automatic pedal's time

Current Parameter Setting and Electrolysis Operation

-Set parameters according to the hair removal area and client's tolerance.

If there is obvious pain, pause and adjust the parameters. After completing electrolysis for each hair follicle, turn off the current, gently pull out the needle, and press the hair follicle opening with a hemostatic cotton swab for a few seconds to avoid slight bleeding.

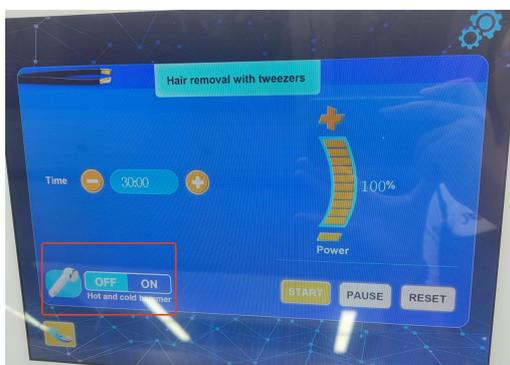
Sequential Operation and Density Control

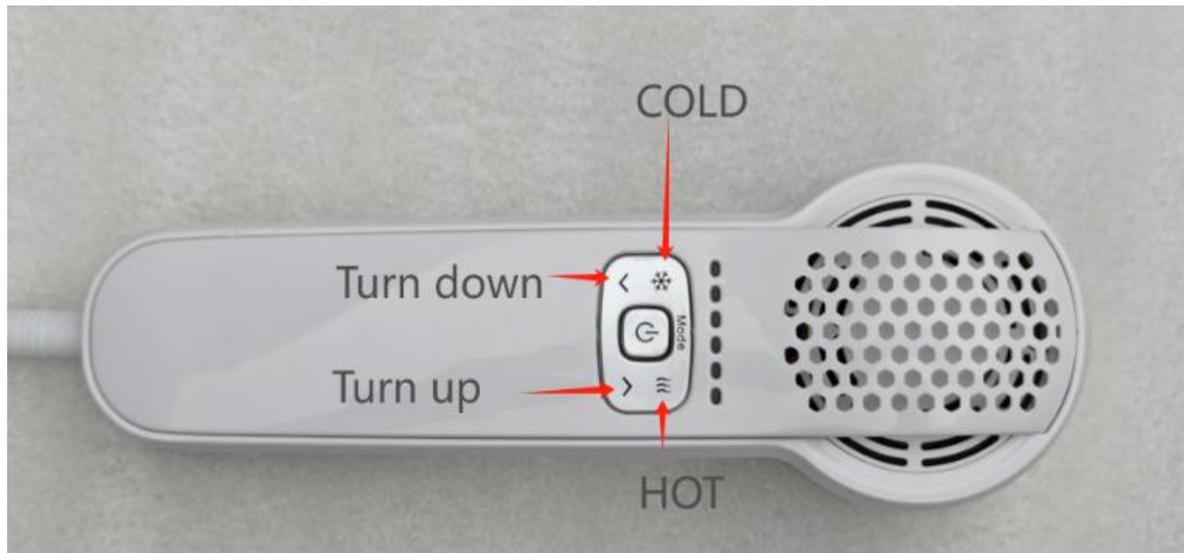
Operate in the order of "from top to bottom, left to right" to avoid omissions. The interval between adjacent hair follicles in the same area should be about 1-2mm to prevent excessive skin irritation. For areas with dense hair, operate in batches. Each operation should not exceed 20 minutes to avoid skin redness and swelling caused by long-term current stimulation.



Hot and cold hammer

After completing hair removal, use an ice hammer to cool down the hair removal area.





Hot hammer effect:

Promotes blood circulation in the skin, causing the skin blood vessels to dilate, allowing nutrients to be better absorbed by the skin. When used after hair removal, it can help the skin recover and repair more quickly. At the same time, it can also relax muscles, alleviate muscle tension caused by hair removal operations, reduce discomfort, and help improve skin edema, making the skin look firmer and shinier.

Cold hammer effect:

It has the function of calming and soothing. It can cause the skin to contract, alleviate the discomfort symptoms such as redness, heat, and stinging that may occur on the skin after hair removal, reduce the skin's sensitivity, and is particularly important for sensitive skin or thin-skinned areas. In addition, the cold hammer can also constrict pores, making the skin surface smoother and more delicate, reducing the chance of external pollutants entering the pores, and lowering the risk of follicular infection



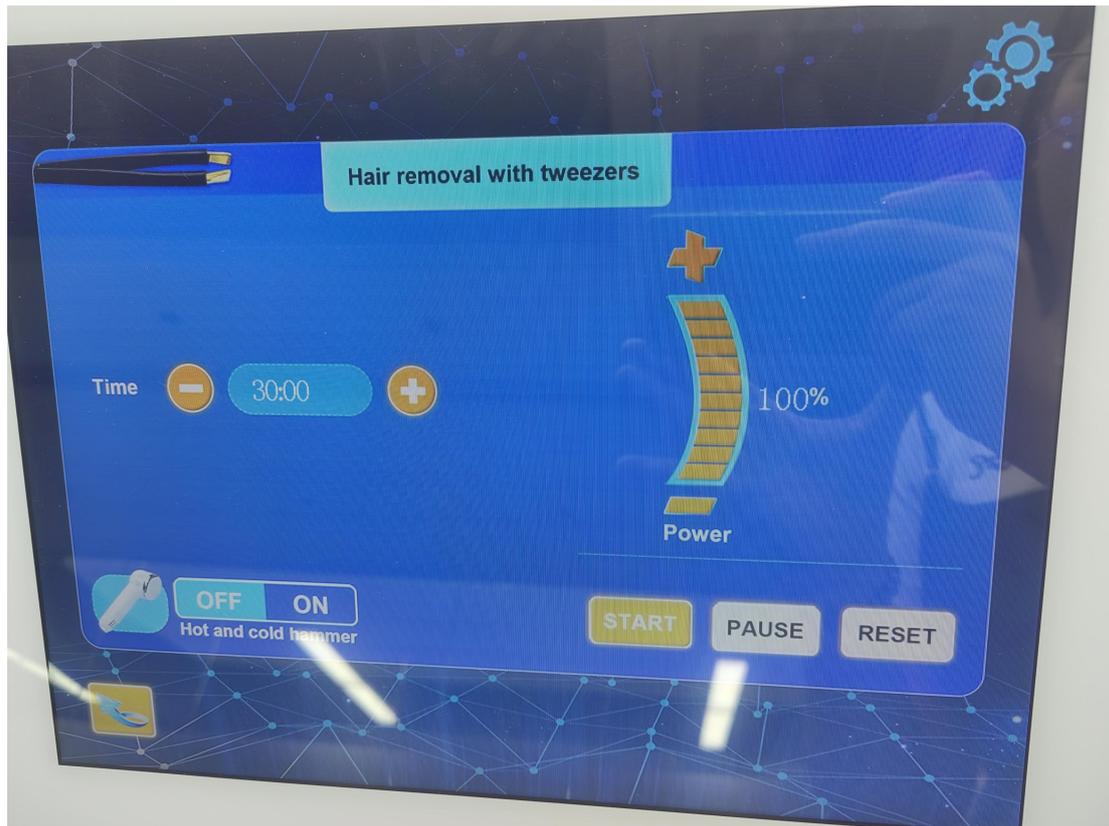
Tweezers

Principle

With specially designed tweezers, only a part of the current is conducted. During the hair removal process, the conductive tweezers penetrate the areas beneath the epidermis, effectively removing the hair without damaging the epidermis

Steps

1. install the tweezers in the instrument sockets, turn on the instrument switch.
2. adjust the current gear according to the needs.
3. after adjusting properly, press the start button



1- **POWER**

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5- **Time**

-How to Use?

First, connect the epilator clamp to the epilator clamp socket and switch on the power supply.

Allow the device to warm up for approximately 5 minutes before commencing the hair removal procedure. Then, use the epilator clamp to grip the hair that is to be removed.

-Operational Precautions

1. Prior to conducting hair removal, please preheat the area to be depilated using steam or a warmer to open the pores. This, on one hand, helps to relax the skin, alleviate tension, reduce pain, and facilitate the hair removal process. The area for each hair removal should not be overly large; that is, excessive hair removal in the same area should be avoided to prevent redness, swelling, pain, and numbness in sensitive skin areas.

2. After treatment with the epilator, hair tends to regrow in the same pore. Generally, after the initial hair removal, it is necessary to undergo 2 - 3 hair removal sessions within about three months for the hair to stop growing. If hair regrows in the pores after hair removal treatment, the possible reasons are as follows:

Improper treatment time;

The hair is broken, meaning the hair follicle is not extracted.

3. The hair removal method must involve pulling out the hair in the direction of hair growth. Only during the treatment can the hair be dragged, pulled, or twisted in the direction opposite to skin growth to force the pores open and make hair removal easier. However, the force applied should not be excessive; a gentle pull is sufficient.

4. When performing hair removal, the hair to be removed must first be cut short to 0.5 cm to facilitate the operation. If there is curly hair, trim its length to approximately 10 cm first before conducting hair removal; otherwise, the treatment time will be longer.



Ionic mole-removing pen



1- **POWER**

Sets the current intensity (100%)

2- **START** . When you press this button start work machine and work time

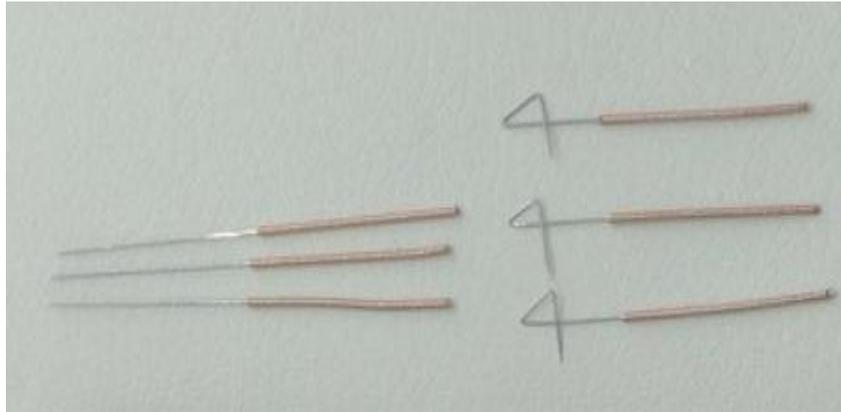
3- **PAUSE** When you press this button wait work machine and work time

4- **RESET** When you press this button reset work time

5- **Timer** the duration of a single pulse

6- **Frequency** The frequency of the pulse

7- **Time**



equipped with with 6 needles (3 straight, 3 curved)

Functions:

Remove mole, freckles and spots on the skin, Skin aging, Skin disease, Folliculitis.

Steps

1. select the needle according to the requirements.
 - Straight needles:tattooing and skin blemish removal
 - curved needles : removing moles.
2. install the needle on the pen and tighten the interface.
3. connect the power cord, install the tweezers and the pen in the instrument sockets, turn on the instrument switch,
- 4.adjust the current gear according to the needs.
5. after adjusting properly, press the start button.



Pedal

-Insulated Electric Needles

The thickness of hair and the depth of hair follicles vary across different body parts, so the required electrolysis duration also differs. Operators can accurately control the current output time by stepping on the foot pedal according to actual conditions, ensuring that the output energy is sufficient to destroy the hair follicles while avoiding damage to the surrounding skin due to prolonged energy application.

-Ionic mole-removing pen

For spots with different shades of color and varying sizes, operators can adjust the output time of laser and other energies as needed (e.g., by using a foot pedal). This ensures effective action on the spot tissue while minimizing impact on normal skin, thereby achieving the best treatment effect

3.Post-Operation Care and Precautions

Immediate Care

After the operation, clean the hair removal area with physiological saline to remove residual conductive gel and blood stains. Apply medical repair gel (e.g., containing growth factors) to soothe the skin.

Inform the client: avoid getting the area wet, applying makeup, or rubbing the hair removal area within 24 hours after the operation; avoid sun exposure, saunas, and strenuous exercise to prevent skin infection or aggravated redness and swelling.

Follow-Up Care Guidance

Slight redness, swelling, or scabbing may occur within 1-3 days, which is a normal phenomenon. Do not pick or scratch with hands; let the scab fall off naturally.

It is recommended to perform the next operation at an interval of 4-6 weeks (according to the hair growth cycle). Usually, 6-12 courses of treatment are required to achieve permanent hair removal effect.

Equipment Cleaning and Maintenance

After the operation, turn off the equipment power, wipe the surface of the main unit and wires with alcohol. Disposable needles should be disposed of as medical waste and must not be reused.