

NEW GENERATION SUPER DIODE LASER HAIR REMOVAL MACHINE

ISO CE FDA APPROVED



Treatment features

Comfortable

The handle is equipped with a special temperature sensor system. Through software control and relying on the powerful cooling system of the machine, the handle temperature can reach as low as -30 degrees Celsius. The skin contact surface is made of sapphire material, which has excellent cold conduction effect, and the treatment is comfortable and completely painless.

Effective

2000W high-power handpiece, strong energy, ensuring the therapeutic effect.

Fast Speed

20hz sliding treatment and high-energy short-pulse output mode greatly shorten the treatment time.

Safe

ISO 13485 and CE Approved





Machine advantages

1. 2000W head-changing handle
2. New Android operating system
3. Reasonable internal structure - reduce failures, easy maintenance, safe and stable
4. Super cooling system - comfortable treatment, continuous work
5. High-power power supply - ensure efficacy and stability
6. Double filter - protect laser and extend service life
7. Multiple sensors - protect the machine, easy to find and solve problems
8. Detail control - high-quality machine comes from the pursuit of excellence in every detail

Reasonable internal structure--Reduce failures, facilitate maintenance, safe and stable

Product internal structure advantages

1. Modular design ensures that each component is reasonably located and firmly installed, and will not shift or be damaged during transportation.
2. Modular design ensures that each component can be disassembled and assembled separately, which is convenient for the maintenance of the equipment in the later stage.
3. Separation of water and electricity structure to prevent circuit damage caused by aging of water channels after many years



Internal structure of cheaper peer products

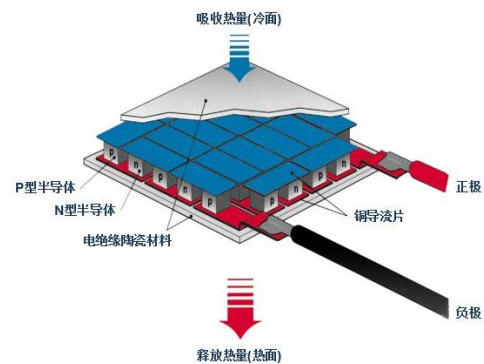
1. Each layer has only one shelf, and the components are locked at the bottom of the shelf by screws, which is very easy to move during transportation and cause damage.
2. The filter is built-in, which has a great risk of water leakage. It is not easy to replace, and water is very easy to leak into the circuit when replacing it.



Refrigeration system

Handle 360 degree cooling
plate (Peltier or TEC)

制冷片原理图



Refrigeration system composition

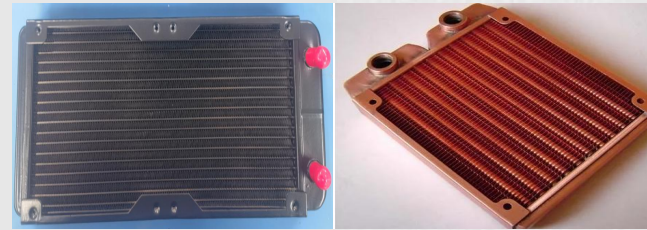
Cooler

Main Function: Cooling down the machine water

Temperature

Cooler Type:

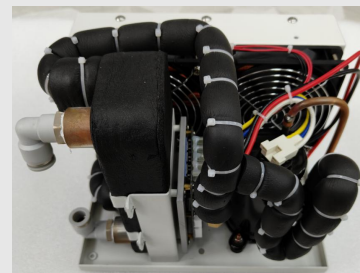
Condenser (aluminum, copper)



Electronic Refrigeration



compressor



Waterway

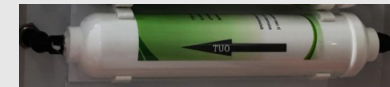
Main Function: The water flow takes
away the heat generated by the handle
cooling plate, cooling the cooling plate

Components:

Water Pump



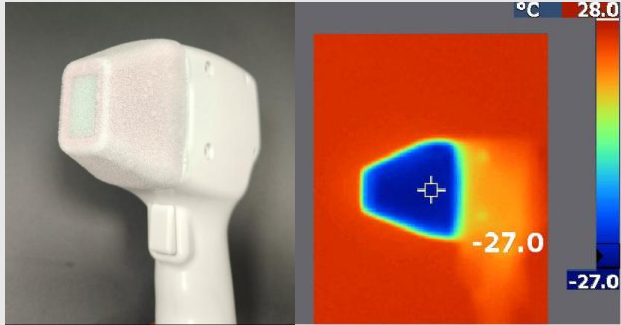
Water Filters



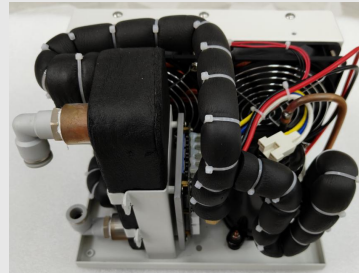
Water Tank



Our super cooling system



15V, 9A, 135W ultra-high power ring cooling plate, thermal conductive silicone grease imported from Japan, efficient heat conduction, ensuring that the handle surface temperature can reach -30°C



400W ultra-high power compressor refrigeration module, not affected by the room temperature, can ensure that the water temperature is always kept at a low temperature when the machine is working continuously, and the laser bar will not be burned due to excessive water temperature.

The modular design is convenient for later maintenance and replacement.



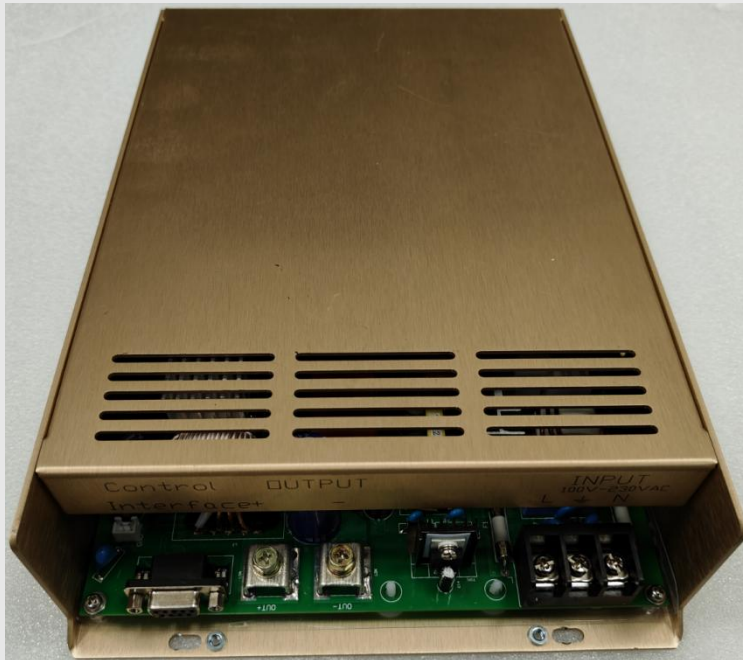
The water pump motor is a 24V high-power brushless water pump imported from Italy, with low noise, large flow and long life.



Roto-molded water tank, the water tank is one-piece, with thick walls, firm, reliable, and free of impurities. A temperature sensor is installed in the water tank to detect the water temperature in real time

High power supply Guarantee of results

42V 100A high-power main power supply
Can drive up to 4200W laser bar



Laser + power supply is the guarantee of the machine's efficacy.

The power supply is a device that supplies power to the handle's energy output. If you use a high-power laser, you must have a high-power power supply that can provide it with continuous power.

Details control

Pursuing excellence in every detail

Detail 1 plug-in

Rotating plug-in, easy to install, with an indicator light to remind you when installation is complete.



High-power pins ensure high-power output of the handle. Equipped with a distance sensor to remind you if the handle is loose, to prevent the handle from loosening and leaking due to dragging



Detail 2 Dual filter

The double filter can filter impurities and ions at the same time, providing double protection; and the plug-in structure makes it easy to replace.



Detail 3 Water flow sensor

Ensure that the waterway is unobstructed and the flow rate is normal



Detail 4 High quality switching power supply

All switching power supplies are Mingwei switching power supplies, all have CE certificates, reliable and quality guaranteed.



Detail 5 handle button switch

Taiwan Xinju Zippy micro switch, waterproof and dustproof level IP67. Service life up to 1 million times



Detail 6 Water pipe selection

Use transparent antibacterial hard water pipes to prevent water blockage caused by pipe bending



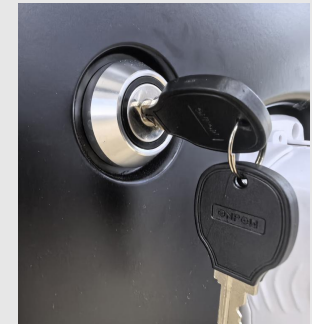
Detail 8 Specially customized casters

Specially customized casters in different colors. Shallow casters are all for medical use, smooth and sturdy.



Detail 10 Medical key switch

CE certified special key switch, the key cannot be pulled out directly after turning on the machine



Detail 7 Special handle box

Prevent the silicone tube of the handle from bending and prevent the treatment head from bumping. The packaging is exquisite, high-end and atmospheric.



Detail 9: Special head storage box

The machine body is designed with a storage box for the treatment head. Convenient storage to prevent falling and damage



Detail 11 Medical emergency stop switch

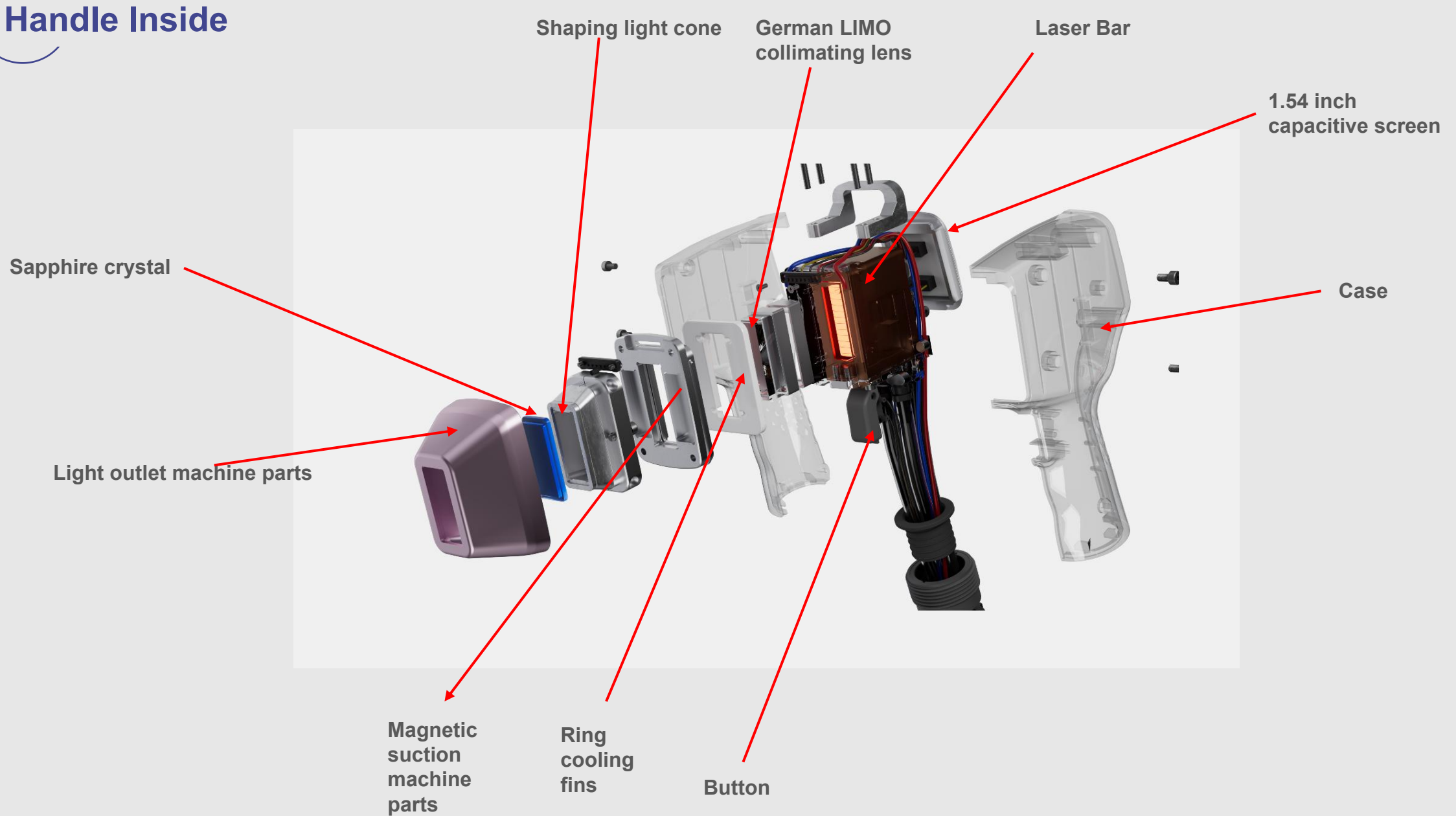
CE certified emergency stop switch, metal material, high-end atmosphere



Handle Advantages

1. 2000W high power laser - high energy, narrow pulse width, good effect and comfortable
2. Optional bands - suitable for a variety of skin colors and hair types
3. American Coherent imported lasers – long life
4. Multiple spot sizes of $\Phi 8$, 12*14mm, 12*40mm (standard), 12*30mm, 12*24mm (optional) - convenient treatment
5. Super strong cooling system - comfortable treatment
6. LIMO shaping light cone - reduce energy loss
7. Small and light - labor-saving
8. Strong magnetic attraction - anti-falling
9. Touch screen - easy to operate

Handle Inside



Laser Bar

Real 2000w



The energy of a single target strip is 100W. The laser has a high current and a low pulse width. High energy and short pulse width provide better treatment effects and greater comfort.

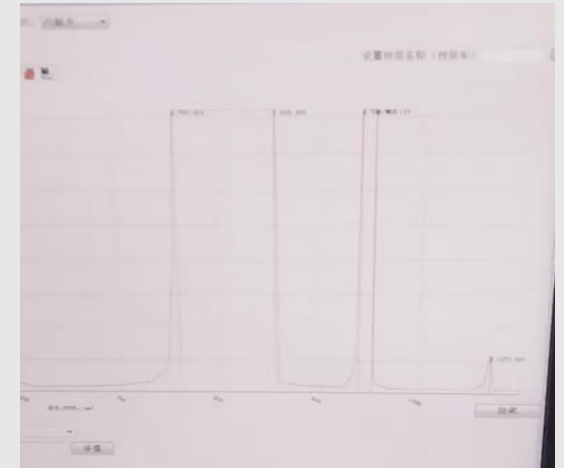
Real Coherent Stuck



Coherent

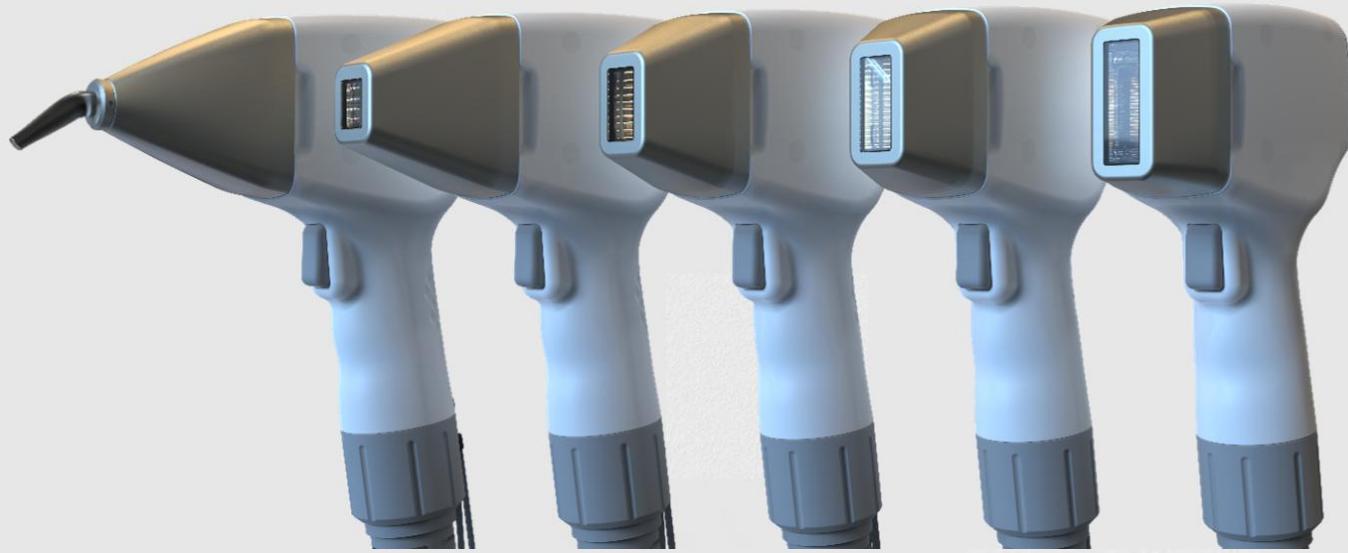
Two-year warranty, 100 million light outputs

Mixed Wavelength



Suitable for various skin colors and hair types

Various spot sizes — Meet the needs of different parts of the body



Φ8、12*14mm、12*40mm (Standard) 、12*30mm、12*24mm (Optional)

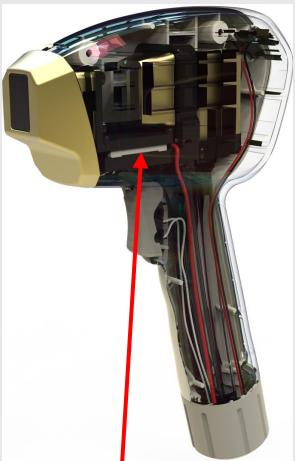
The Φ8 treatment head is mainly suitable for hair removal in small areas (parts), such as the nasal cavity, ear canal, upper lip triangle, between eyebrows, sideburns, etc.

The 12*14 treatment head is mainly suitable for hair removal in small areas with large fluctuations, such as lip hair, chin, hairline, bikini line, armpits, knees, back of fingers, toes, instep, etc.

The 12*40 treatment head is only suitable for hair removal in large areas with gentle fluctuations, such as thighs, calves, chest, abdomen, back, arms, etc.

Super cooling system — — Comfortable and safe treatment

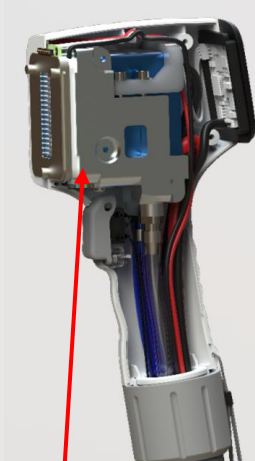
Updated Ring cooling fins



single
cooling
Chip

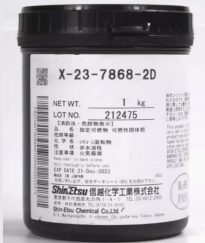


Dual
cooling
chip

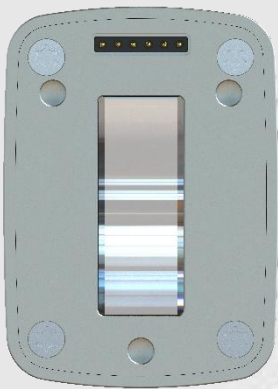


360 degree
ring cooling plate

15V, 9A, 135W ultra-high power ring
cooling sheet + thermal grease
imported from Japan

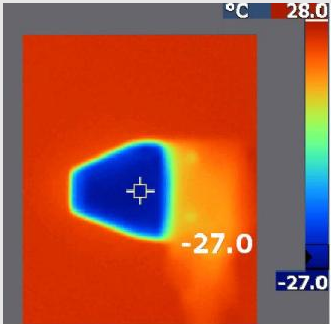


Quartz crystal + sapphire Lens



Thermal conductivity
Sapphire>Quartz>Glass

Minimum -30 degrees°



High cooling power + high
conductivity + short distance
from the light outlet = ultra-low
spot surface temperature

LIMO optical path collimation module——Reduce energy loss and prevent laser damage

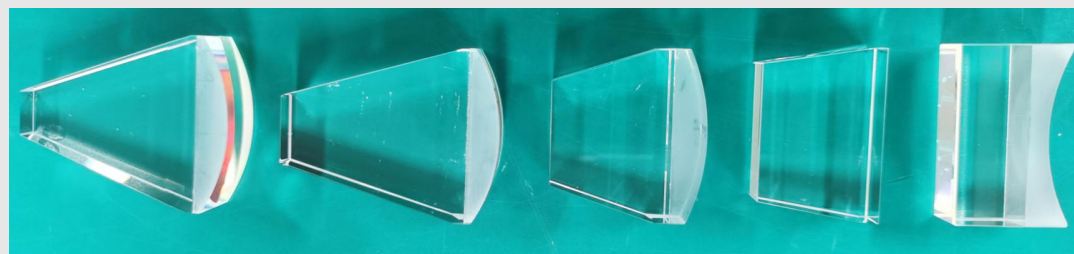
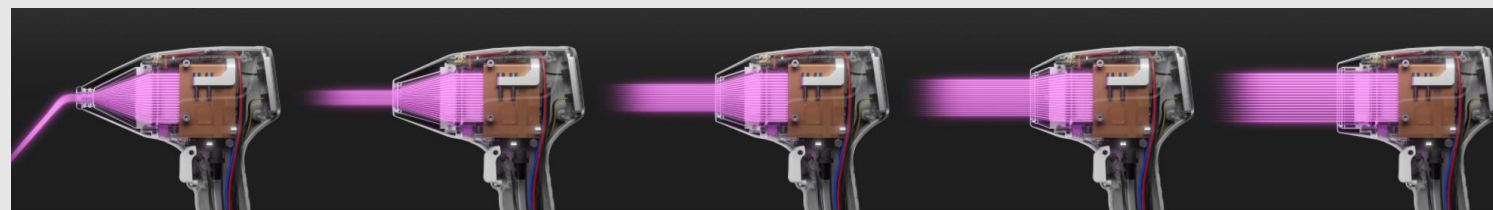
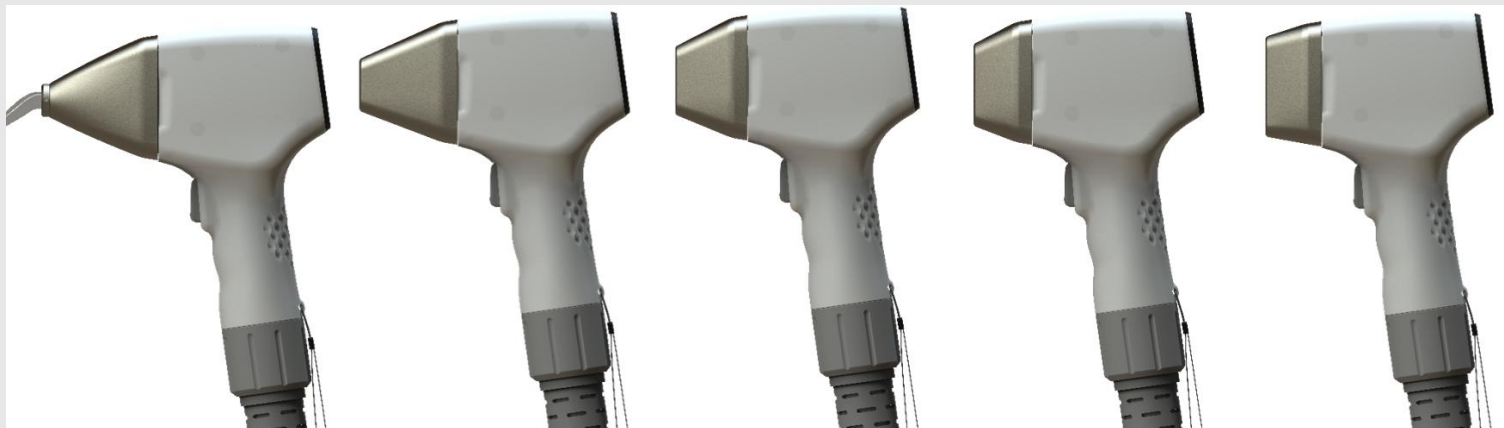
Optical path alignment module

Located on the surface of the laser, it ensures parallel output of the laser rather than divergent output, reduces energy loss and improves treatment effect



Optical path shaping module

According to the spot size of the treatment head, the laser light path is simulated, and the bevel angle and curvature of the shaped light cone are designed to ensure that the energy loss is within 3% and there is no laser reflection back to the laser..



Detail Control

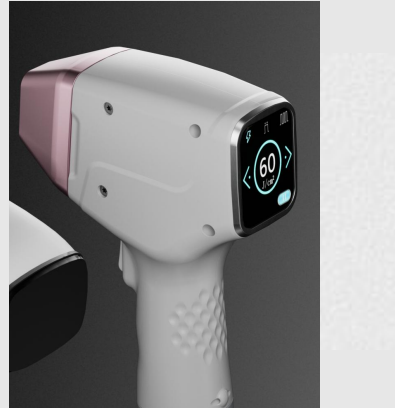
Lightweight and labor-saving

The handle is compact and lightweight, only 750g



High-definition touch screen

1.54-inch OLED capacitive screen, the handle can communicate with the host, and the energy, pulse width and frequency can be adjusted on the handle. The operation is convenient and simple.



Super strong magnetic attraction

12 specially customized high-strength neodymium magnets, easy to disassemble and assemble, stable and anti-falling



Android system advantages

1. 13.1-inch ultra-clear Android screen (later upgraded to 15.6) - smooth sliding operation
2. Mobile phone remote control - adjust parameters, set handle rental points, remote lock/unlock, create files/view
3. Intelligent operating system - parameter presets, fool-proof operation
4. Multi-language operating system - switch directly like a mobile phone
5. Cloud data storage - large storage space, data security is guaranteed
6. Lifetime free upgrade and maintenance - enjoy the latest software system for life, free remote repair of system bugs
7. One administrator account can manage multiple machines at the same time - convenient for multi-store management and agents to understand the machine

Mobile phone remote control

Need to connect to WiFi, can also develop sim card function



Remotely set rental points



Remotely lock or unlock the machine



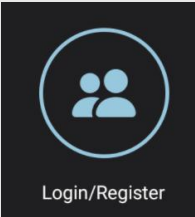
Remote adjustment parameter setting



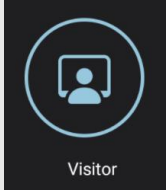
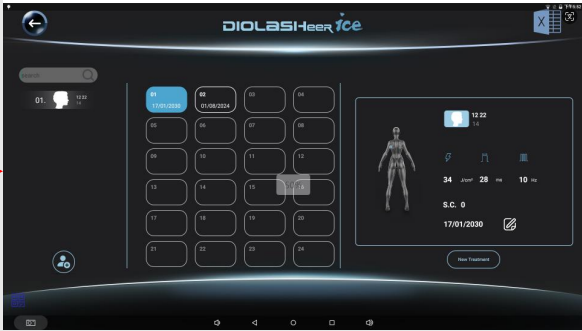
Remotely create files and view user information

User Interface

Membershi
p Model



User Profile

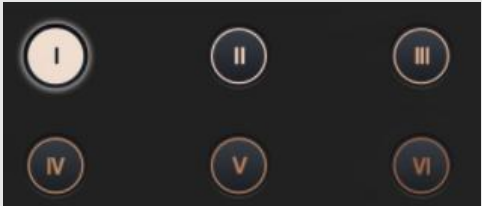
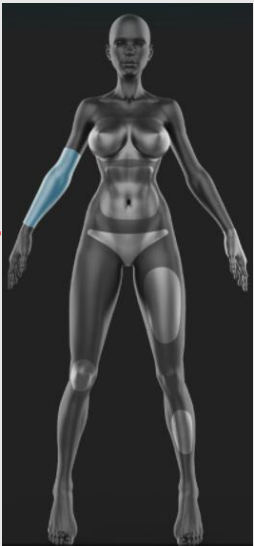
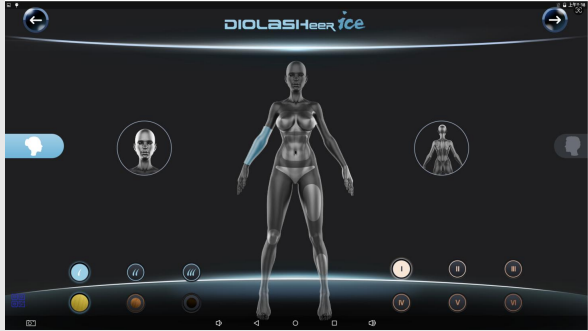


Guest Mode

Treatment head
selection



Smart Selection Interface



Technical Parameters

Working voltage:	220V/110V
Power of the whole machine:	3000W
Output power:	2000W
Hair detection head:	200w pixel
Wavelength:	755nm 808nm 940nm 1064nm optional
Output mode:	pulse output
Control mode:	touch control
Screen size:	13-inch Android screen
Screen resolution:	1920*1080
Energy range:	10-60J
Pulse width range:	1-300ms
Spot size:	8*8MM, 12*14mm, 12*40mm (standard) 12*24mm, 12*30mm (optional)
Frequency:	1-20HZ
Spot surface temperature:	-30°C
Cooling system:	compressor refrigeration
Machine size:	46*45.5*113cm
Packing size:	58*71*122cm