

A sleek, dark-colored laser device with a handle and a control panel. The device is shown from a front-facing perspective, highlighting its ergonomic design and the laser window at the top.

# HIDL-2000-MIX

755nm、808nm、1064nm

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HIGH INTENSITY DIODE LASER HAIR REMOVAL SYSTEM

**2000W**

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SUPER HIGH POWER

**10-100MS**

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SUPER SHORT PULSE DURATION

**No limitation within 2 years**

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SUPER LONG LIFE SPAN



01. Introduction
02. Treatment head advantage
03. UI interface
04. Specifications
05. Technology advantage
06. Operation
07. Before & After

# Introduction

- ① Storage platform Size : 270mm\*190mm \*13mm
- ② 2000W Treatment head
- ③ 10.4 inch multi color touch screen
- ④ ABS Material case
- ⑤ 360-degree silent wheel



# Advantage of Treatment head

Fluence : 10-80J/cm<sup>2</sup> ◆

Treatment head ◆  
temperature: Max -16 °C



Spot size : 12mm\*23mm ◆

Silicone safe button ◆



Output power:

2000W (100W/ bar)

Bars:

USA imported laser bar

2000W laser-high peak power

No limitation within 2 years



# Advantage of Treatment head



0.91kg

VS



NEW

0.6kg

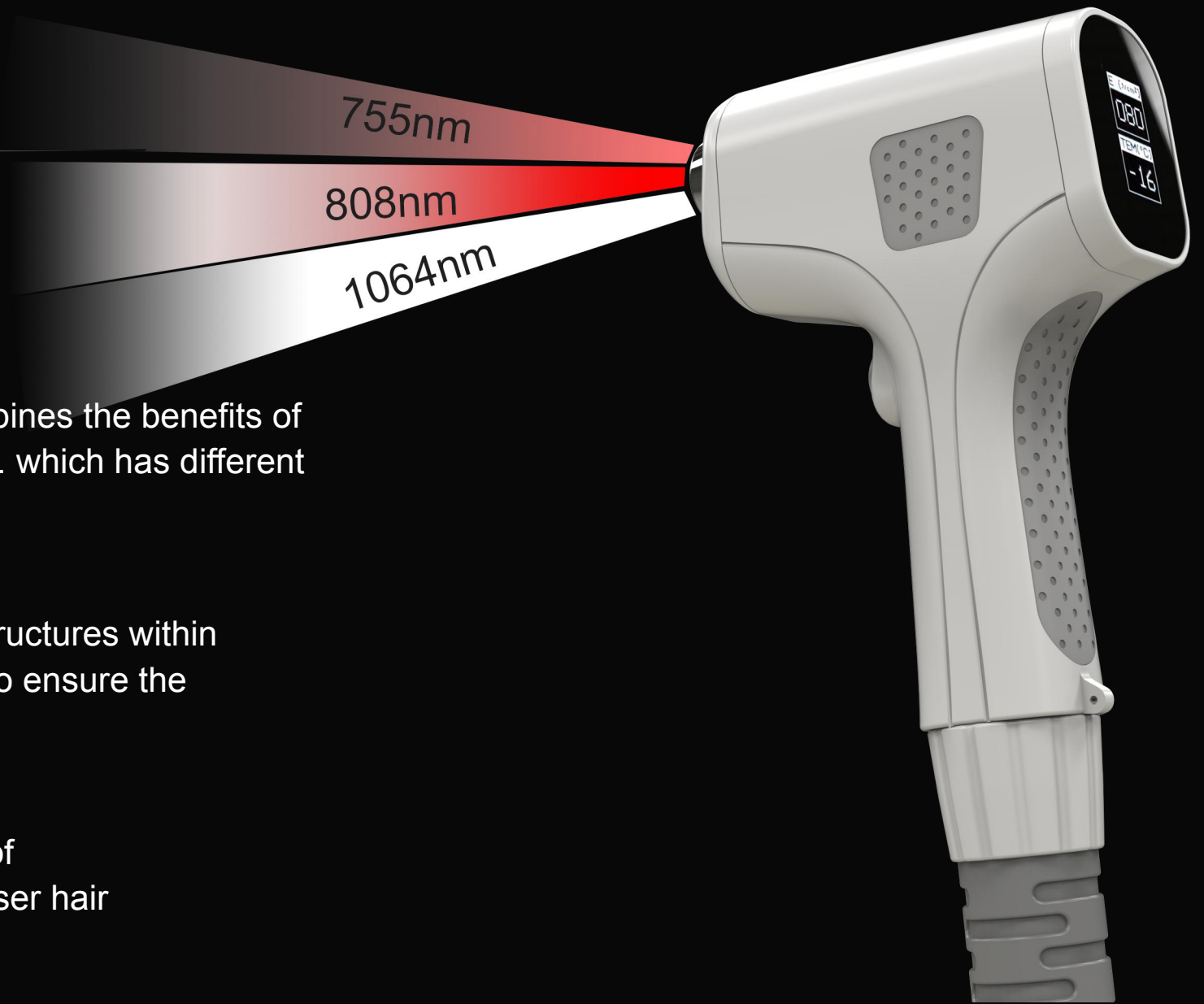




# Advantage of treatment head



# Working principle

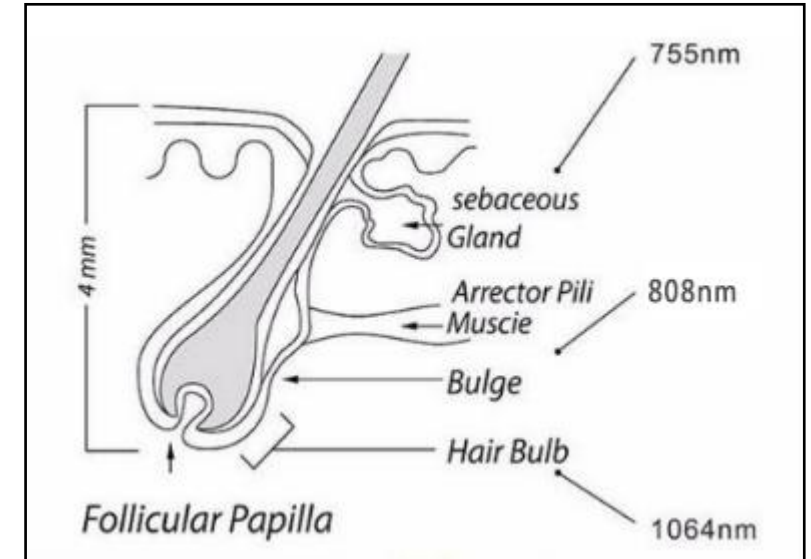


- As an integrated solution, HIDL-2000MIX combines the benefits of all 3 wavelengths: 808nm, 755nm and 1064nm, which have different laser characteristics.
- Targeting different tissue depths as well as structures within the hair follicles. Thus to the greatest extent to ensure the effective result and painless.
- HIDL-2000MIX is operating at a wavelength of 808nm/755nm/1064nm, the gold standard in laser hair removal.

# The wavelength features

## *Alex 755nm Wavelength*

The Alexandrite wavelength offers more powerful energy absorption by the melanin chromophore, making it ideal for the widest range of hair types and color-especially light-colored and thin hair. With more superficial penetration, the 755nm wavelength targets the bulge of hair follicle which is especially effective for superficially embedded hair in areas such as the eyebrows and upper lips.



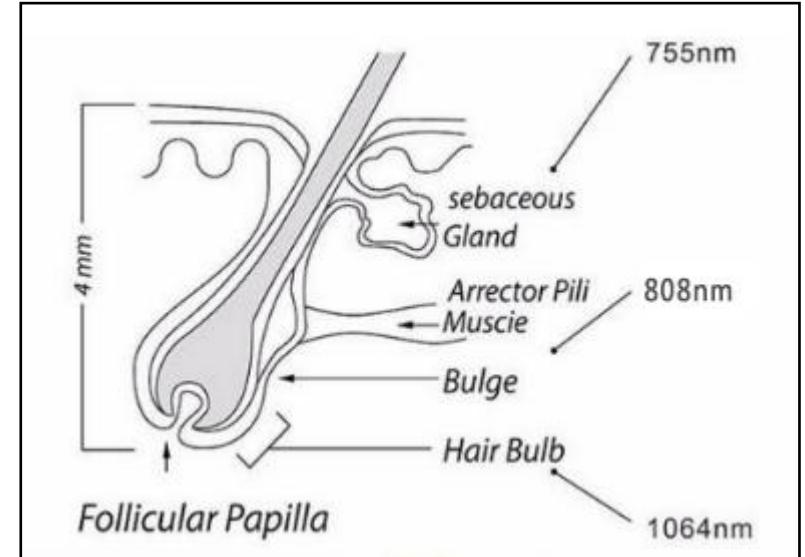


# The wavelength features

## *Diode 808nm Wavelength*

The classic wavelength in laser hair removal treatment, the 808nm wavelength offers deep penetration of hair follicle with high level average power, a high repetition rate and a large 2cm spot size for fast treatment.

The 808nm wavelength has a moderate melanin absorption level making it safe for darker skin types. Its deep penetration capabilities target the bulge and bulb of the hair follicle while moderate tissue depth penetration makes it ideal for treating the arms, legs, cheeks and beard.

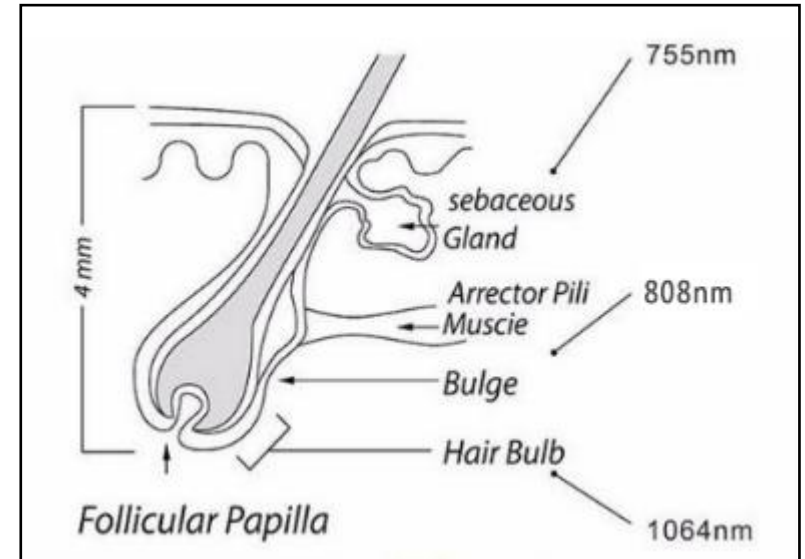


# The wavelength features

## *Yag 1064nm wavelength*

The yag 1064 wavelength is characterized by lower melanin absorption, making it a focused solution for darker skin types. All the same time, the 1064nm offers the deepest penetration of hair follicle, allowing it to target the bulb and papilla, as well as treat deeply embedded hair in areas such as the scalp, arm pits and pubic areas.

With higher water absorption generating higher temperature, the incorporation of the 1064nm wavelength increases the thermal profile of the overfall laser treatment for most effective hair removal.



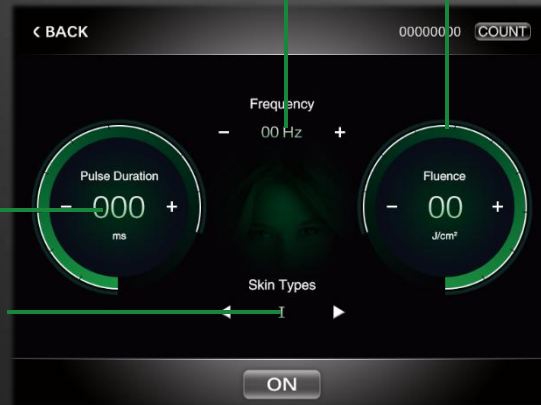
# UI Interface

Pulse Duration : 5-100ms  
adjustable

Frequency : 1-20Hz

Fluence : 10-80J/cm<sup>2</sup>

Skin types : I-VI



**Normal mode**

System features: suitable for all skin types, can be directly operated

Pulse Duration : 5-100ms  
adjustable

Frequency : 1-20Hz

Fluence : 10-80J/cm<sup>2</sup>

Parameter setting : I-V



**Fast mode**

System features: it can save five sets of treatment parameters for important customers, Fast treatment and hair removal

# System advantages

No pigmentation, used for any skin type.

HIDL-2000MIX hair removal system uses penetrate technology and skin absorbs fewer lasers and no pigmentation.

Pure Sapphire contact cooling system can make sure that treatment more safe and no hurt to skin.

Pure Sapphire contact cooling system of HIDL-2000MIX hair removal system. can make sure that doctor use the maximum energy and can not hurt skin. This kind of cooling system can make sure that no hurt to skin when patients are given more pressure. As reported, the pressure can increase 30%-40% light.

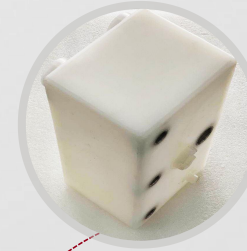
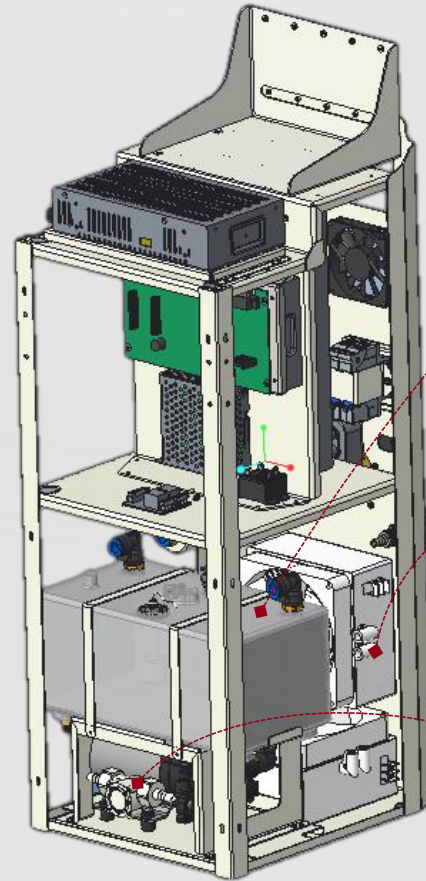
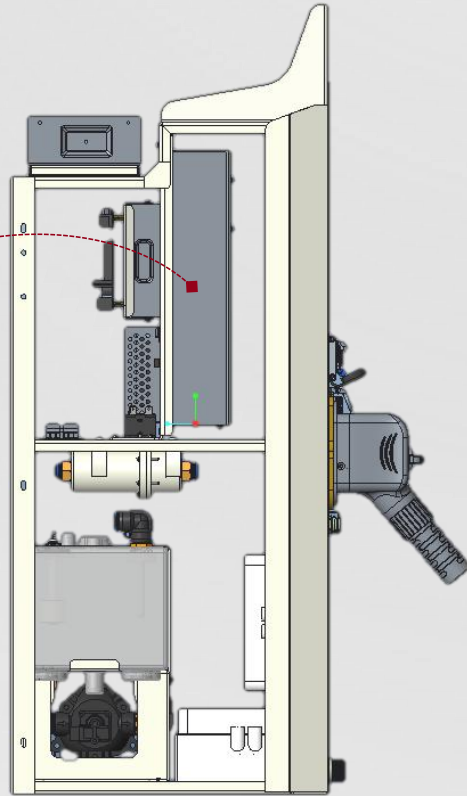


# Internal structure



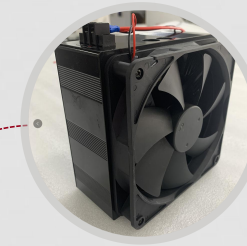
## Power Source

Low output current ripple and high stability ;  
Fixed frequency adjustment, realizing high precision constant current output ;



## Integrated water tank

Volume 5L-water quality is guaranteed  
Fast water circulation, constant temperature and guaranteed water quality, which can ensure the long-term use and operation



## Thermal- electric refrigeration system

Power : 120W  
Advantage : Constant temperature refrigeration module keeps the water temperature around 20-25 degrees, which can ensure the continuous operation



## German imported water pump

Circulating water flow 5L / min-  
fast water circulation

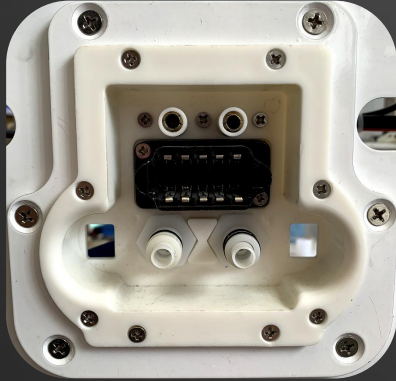


# Back display

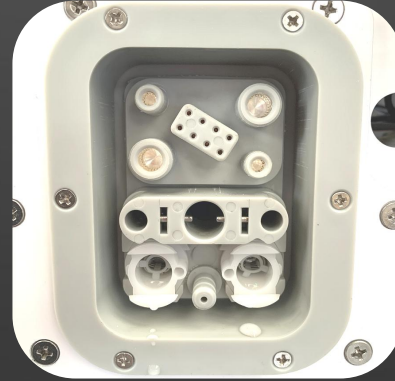


# Update plug socket

Connector Socket



connector socket



connector plug



Booster knob



New  
style

USED

connector plug



Advantages : The old plug is difficult for women to install.  
The new type adopts a screw rod to rotate and install, saving installation and no bad contact.

# Specificaitons

Laser type	Hight Intensity Diode Laser
Laser Handle Output Power	2000W
Total Power	5200W
Wave length	755nm、 808nm、 1064nm
Shots Guarantee	2 years no limited
Fluence	10~80J/cm2
Pulse Duration	5-100ms
Spot size	12mm*23mm
Frequency	1~20Hz
Treatment head temperature	Max -16℃
System Cooling	Constant temperature refrigeration 25
Display	10.4 Inch multi color screen
Dimension	450mm*550mm*1060mm
Weight	49Kg





# TECHNOLOGY ADVANTAGE



- ① USA Imported coherent laser bar is more stable. And 2000W high power output laser energy can achieve the best hair removal.
- ② Low investment and high return. The treatment head is guaranteed for 2 years with No limitation
- ③ The constant temperature refrigeration module keeps the water temperature at about 20-25 degrees, which can ensure the system to work continuously for 48hours without stop.
- ④ Using advanced TEC and sapphire contact cooling technology, the terminal temperature is controlled under 5 ° C, and the skin is properly cooled during the hair removal process, while ensuring the possibility of zero frostbite.
- ⑤ The frequency reaches 20hz, the treatment is more fast.

# TECHNOLOGY ADVANTAGE



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- ⑥ 3 wavelength laser targeted the destruction of hair follicle pigments.
  - ⑦ 5-100ms short pulse duration to ensure painless destruction of hair follicles
  - ⑧ The diode laser permanently destroys the hair follicles, and the remaining hair will be very small without affecting the appearance
  - ⑨ The beautiful and elegant treatment head display screen displays the cooling temperature in real time, making the operation more convenient.
  - ⑩ Super-light handle to reduce the difficulty of the operator's work and increase the experience value
  - ⑪ Normal mode and fast mode are optional, fast hair removal can also save 5 commonly used parameters, convenient and fast



# Indications:



✓ 755nm:  
specific  
effective for  
Blonde hair,  
Fine hair



✓ 808nm:  
golden  
standard  
wavelength for  
all hear types



✓ 1064nm:  
specific  
effective for  
dark, tanned  
skin



**Permanent hair removal  
for all skin types**

# Indications



From black hair to light hair  
**Remove all color hair**



From black to white skin  
**Treat all skin type**



No pain , short course  
**comfortable process**



Effective, safe permanent hair removal  
**Safe and effective**



# Operation



1 Shave the hair on the treatment area (retain 1-2mm)



2 Clean skin



3 Apply gels



4 Operator wear glasses



5 client wear eyeshade



6 Adjust situable parameters



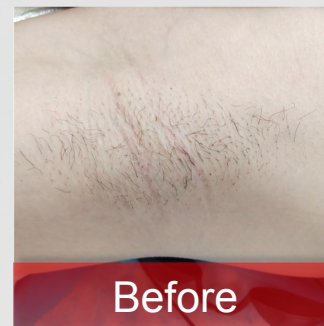
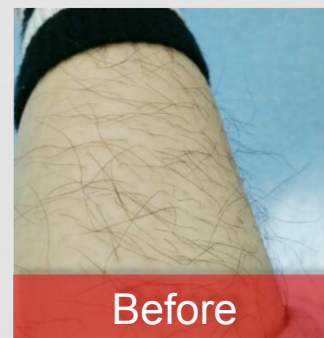
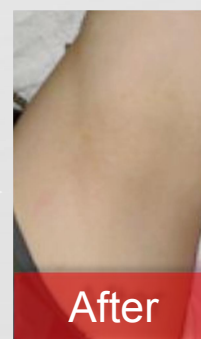
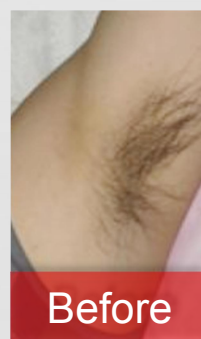
7 After treatment, disinfect the treatment area to avoid folliculitis



8 Clean and disinfect the treatment handle



# Before-After



# THANKS

**Welcome to consult more!**

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