

LD2



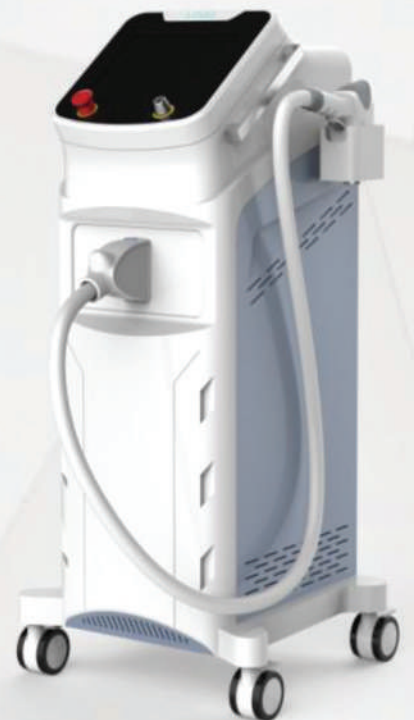
WORLDGATE
Medical & Lab. Supplies

Diode Laser Machine



LD2

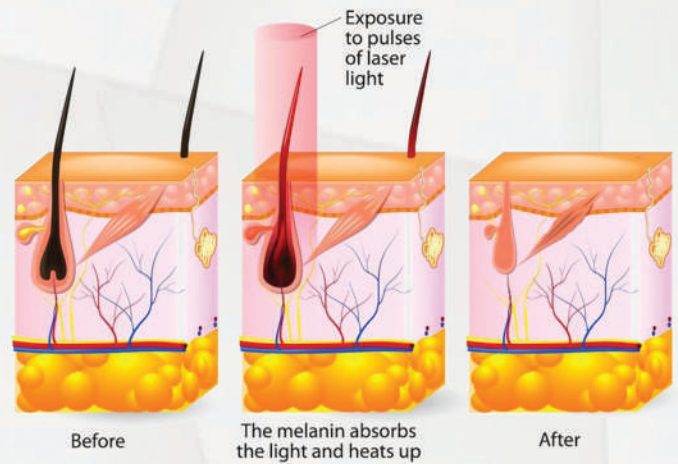
Diode Laser 808nm / 808+755+1064nm



Working Principle

- It uses a technology based on selective dynamics of light and heat.
- The laser light is absorbed by the melanin in hair follicles and converted into heat increasing the hair follicle temperature which raises high enough to irreversibly damage the hair follicle structure.
- The hair will disappear after a natural follicles physiological process and achieve the purpose of permanent hair removal.
- The laser energy is selectively absorbed by the hair follicle, so the surrounding tissue will not be overheated and no lasting damage.

LASER HAIR REMOVAL



Highlights

01

Patent handpiece. Superb cooling

02

US Coherent laser bar. Super power 600W

03

808+755+1064nm also available

01

Patent handpiece, superb cooling



- Big spot size 15*15mm
- Extra cooling head 25*25mm
- Cooling system: air + water + TEC + Sapphire
- Super good cooling effect, truly painless

CIA™ Technology- Cooling In Advance

It uses 25mm * 25mm TEC cooling tips to cool the skin before, during and after treatments. It can protect the epidermis from hurt, reduce the pain during hair removal, and increase the comfort for patients.

ICE™ Technology - Simultaneous contact cooling

It is an advanced technology that cools the skin continuously during treatments. It minimizes the risk of burns on the epidermis while maintaining heat to penetrate dermis where hair follicles are.



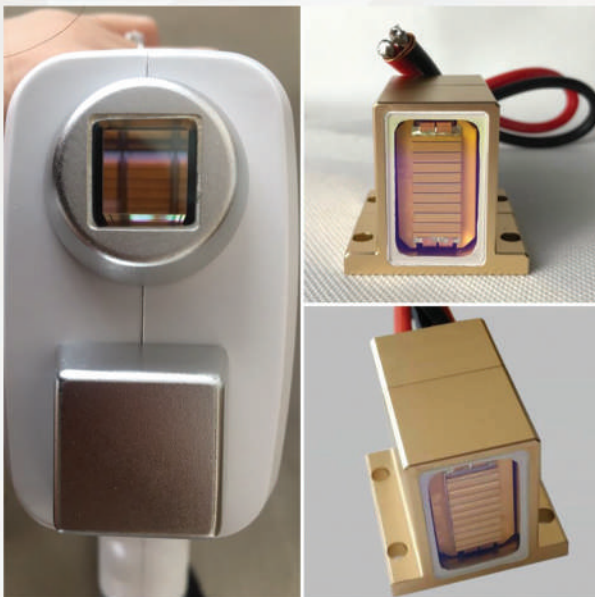
- Oxygenized alloy metal covers for tips
- Lowest temperature can reach -20° C
- Germany high quality horse
- US plug & play connectors
- Japanese TEC cooling tips
- 20,000,000 shots lifespan



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02

Super power 600W, better effect



- 10 laser bars, super power of 600W
- Pure AuSn bars from US Coherent, same company with German Dilas
- 20 million shots

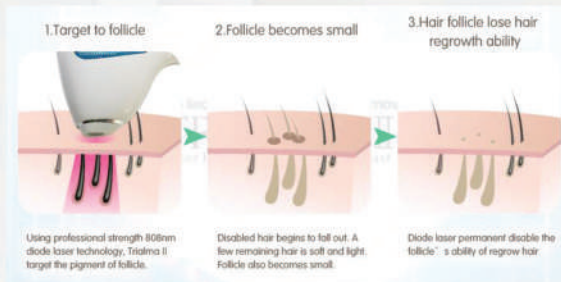


Check www.dilas.com for more information

What's difference of 808nm and triple wavelength?

808nm:

Most professional and fast hair removal wavelength. Widely apply to the most of the skin color and hair color.



Triple wavelength of 755+808+1064nm:

Alex 755nm:

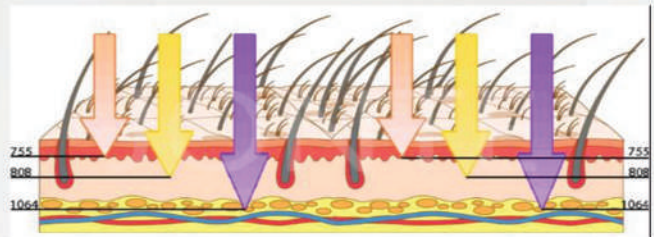
Also called Alexandrite wavelength. For the widest range of hair types and color, especially light-colored and thin hair.

Speed 808nm:

The classic wavelength in laser hair removal. Shorter the treatment time.

Yag 1064nm:

Characterized by lower melanin absorption, so especially focusing on darker skin types.



* Notice : If your customers are mostly fair skin, 808nm will be enough; if you have many dark skin customers triple wavelength will be better choice for you.

Interface

- 10.4" true color touch screen.
- Easy operate interface.
- Can save 4000 customer treatment records, very convenient for salon.
- 10 languages available
- Impeccable alarming system.
- Free interface OEM service.
- Can add your Logo

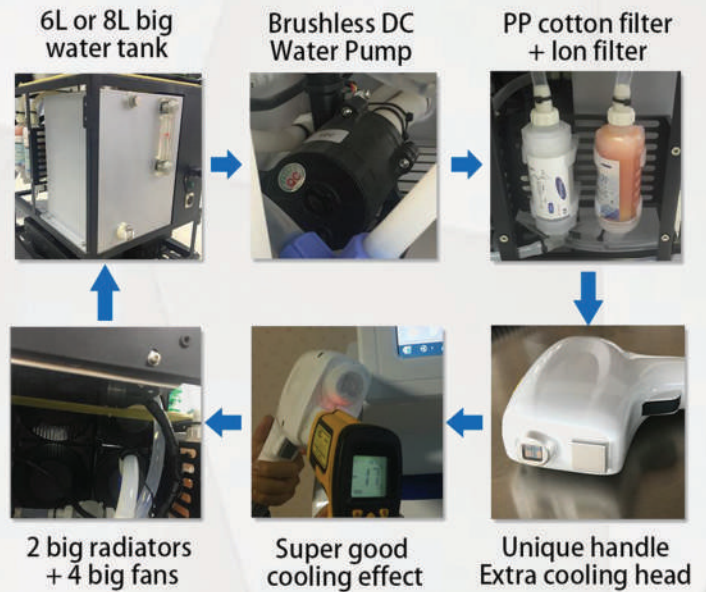


Excellent Heat Dissipation

Air + Water + TEC + Sapphire

- Big water tank (6L for portable, 8L for vertical)
- 4*24V big fans from Japan
- 2 thickest (50mm) radiators
- Latest DC brushless water pump from Italy
- TEC cooling tips
- Sapphire crystal

The good heat dissipation can not only ensure 12 hours working, can also protect laser bars.



Inner Structure & Parts Details


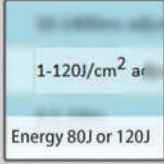




- 2 Korea imported water filters
- Schneider brand switch
- 4 Japan imported big fans + 2 big radiators
- Latest brushless DC water pump with lift 15m
- TEC cooling part



Ours V.S. Others

Ours	Others
Handpiece:  Extra cooling head Big spot 15*15mm	 No cooling head Small spot size 12*12mm
Laser bars:  Pure Au-Sn bars	 Overgild laser bar

Ours	Others
Energy density:  166 J/cm² Energy high to 166J	 1-120J/cm² Energy 80J or 120J
Water pump:  Brushless DC pump lift 11-15m, low noise	 Magnetic drive pump lift only 5m, loud noise

Specification

Specifications	Diode laser
Lifespan	20 million shots
Power	600W
Spot Size	15*15mm (+25*25mm extra cooling head)
Wavelength	808nm / 755+1064+808nm 3 in 1
Energy Density	1-166J/cm²
Pulse Frequency	1-10Hz
Pulse Duration	10-400ms
Laser bar	10 laser bars from US Coherent, same company with German Dilas
Cooling Level	Sapphire Crystal + Air + Closed Water Circulation + Semiconductor +TEC
Display	10.4 inch True Color LCD touchable Screen
Stand-by Working	Continuous stand-by working for 10-12hours
Electrical	100/110V, 50~60Hz, /230V~260V,50~60Hz
Net Weight	53KG
Packing Dimension	50*50*120cm (W*D*H)