

Technical specifications

Basic Operation

Laser type	Diode Laser
Laser Bars Power	1600W (160w x 10pcs)
Wavelength	755nm+808nm+1064nm

Technical characteristics

Display	15" Color Touch LCD Display
Spot Size	12x 20 mm
Pulse width	2-150ms adjustable

Output power	1600W
Energy	2-100 j / cm2 adjustable
Frequency	1-10 Hz
Voltage	AC 220V/50Hz

Cooling mode	Close- Cycle water cooling
Cooling	Water+air+semiconductor
Temperature of Probe	0~30 C

Dimension of Machine	50*45*110cm
Dimension of package	67*63*123cm
Net Weight	57 kgs
Gross weight	81 kgs
Packing	Aluminum alloy case



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WAVELENGTH

PRO-X

DIODE LASER HAIR REMOVAL SYSTEM

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INTRODUCTION

Diode laser hair removal machine is a laser that produces a larger beam of highly concentrated light. The laser beam is well absorbed by the pigment located in the hair follicles. During the procedure, the laser pulses for a fraction of a second, allowing the hair to absorb the energy and heat up. As it heats up, the hair shaft and bulb are damaged which significantly impedes its ability to re-grow. And with the large spot size, the process treats numerous hair follicles simultaneously, making the treatment much faster than traditional IPL and other hair removal alternatives.

EXCEPTIONALLY ADEQUATE SPOT SIZE

Wavelength Pro-X features 3 wave 12x12mm². A unique and efficient new applicator with an especially spot size of 12x12mm², Capable of working on a grid of 600cm square. This breakthrough applicator makes treatments much faster and pain free, significantly cutting treatment times and ensuring a more comfortable Experience for patients.

CONTINUOUS CONTACT COOLING

3C is an advanced technology that continuously cools skin and facilitates range-controlled temperature throughout the entire treatment. The 3C cold sapphire tip minimizes epidermal risks while maintaining heat within the dermis where hair follicles are treated. Temperature remains controlled and constant which contributes to the diode's efficiency.

15" TFT TOUCH SCREEN

Friendly and Functional

Equipped with a new large sized 15" TFT touch screen, with preset parameters, practitioners can enjoy a more intuitive, user friendly work experience.

3 WAVE - THREE IN ONE

This applicator enables the delivery of three highly effective wavelengths in one. Covering a spot size of 12x12mm², it simultaneously targets different tissue depths and anatomical structures within the hair follicle, increasing treatment efficiency.

DIODE LASER ALEX 755

Powerful absorption, combined with continuous cooling, treatment coverage, comfort and low maintenance, enables the treatment of a wide range of hair types and colors, especially light-colored and thin hair.

FACIAL TIP - IMPROVED REACH

Easily treat areas that are normally hard to reach, including the ears, nostrils and flagellate



Three in one
3wave

SPEED 808 - UP TO SPEED

Complete more treatment sessions in less time with this large spot size applicator. Treat larger areas faster, while offering patients a safe and highly effective hair removal procedure.

808 - LIGHT AND LEAN

With its ergonomic, light weight design, this applicator makes treatments much more comfortable for practitioners and enjoyable for patients.

3 Combined Wavelengths Larger Spot Size



808nm

Suitable For Yellow skin or light skin.



755nm

Suitable for People with fair skin, good effect on eyebrow and upper lip.



1064nm

Suitable for dark skin.

3 Wave Technology

Featuring its exclusive 3 wave technology, wavelength pro-x combines the three most effective laser wavelengths into a single applicator, simultaneously targeting different tissue depths and anatomical structures within the hair follicle. By combining the absorption and penetration levels of different wavelengths, along with extended treatment coverage, increased comfort and low maintenance requirements, wavelength pro-x is the safest and most efficient hair removal treatment available today. 3 Dimension technology for one superior hair removal solution.

755 nm Alexandrite Laser

Powerful absorption, combined with continuous cooling, treatment coverage, comfort, and low maintenance, enables the treatment of a wide range of hair types and colors, especially light-colored and thin hair.

808 nm Diode Laser

Complete more treatment sessions in less time with this large spot size applicator. Treat larger areas faster, while offering patients a safe and highly effective hair removal procedure.

1064 nm Diode-Yag Laser

The YAG 1064 uses a diode laser based on an Nd: YAG wavelength, allowing for moderate energy absorption by the melanin chromosphere, and is optimally suited for patients with darker skin tones.

755 nm

808 nm

1064 nm