

AcuLight-Pro

Diode Laser Hair Removal System





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808nm Diode Laser Hair Removal System

■ Technology (Wavelength Options)



808nm (Standard)

Frequently-used and economic.

The classic wavelength in laser hair removal, the 808nm wavelength, offers deep penetration of the hair follicle with high average power, a high repetition rate for fast treatment.

Tri-wavelength(Optional)

For the widest range of skin types and hair color.

Tri-wavelength combines 755nm 808nm 1064nm together, suitable for all 6 skin types and all colors hair. At the same time, each wavelength targets different structures of hair follicle.



1064nm (Optional)

Specialized for darker skin types.

The yag 1064nm wavelength is characterized by low melanin absorption, making it a focused solution for darker skin types. 1064nm offers the deepest penetration of the hair follicle.



755nm (Optional)

Specialized for Light Skin Light Hair.

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.



▪ Changeable Spot Size (Optional)

System with the proven efficacy of changeable spot sizes diode laser technology and a real-time cooling system, provides the optimal balance between high energy absorption of melanin chromophores and deep penetration into the skin, making it safe and effective for all skin types, including tanned skin.

Changeable Spot Sizes



- Three changeable spot sizes, large at 12x18mm, medium at 12x12mm, and mini at 9x9mm, provide various hair removal solution for whole body.
- Each tip fits seamlessly onto the handpiece, changing tips instead of handpieces for spot size flexibility, user cost saved a lot.
- Spot Size Auto Identification and FCA (Fluence Calibration Automatically) technology ensure the same energy density.
- Ergonomic lightweight handpiece is designed for long hours usage, greatly reducing operator fatigue.



■ Proven Clinical Results

Diode laser hair removal technology transports average energy deep into the dermis where the hair follicle grows. Diode laser with TEC assisted in handle provides safe and effective loss of unwanted hair for all skin types and hair styles.



Before & Post 5 Treatments in 4 months

Before & Post 5 Treatments in 4 months

Before and Post 4 treatments in 4 months



Before & Post 5 Treatments in 4 months

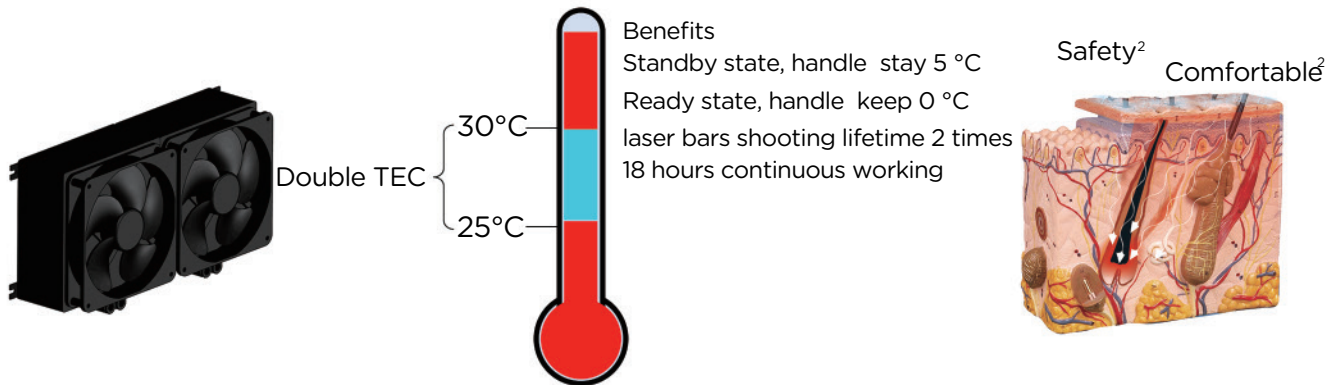
Before & Post 4 Treatments in 3 months

Before & Post 6 Treatments in 5 months

Advantages

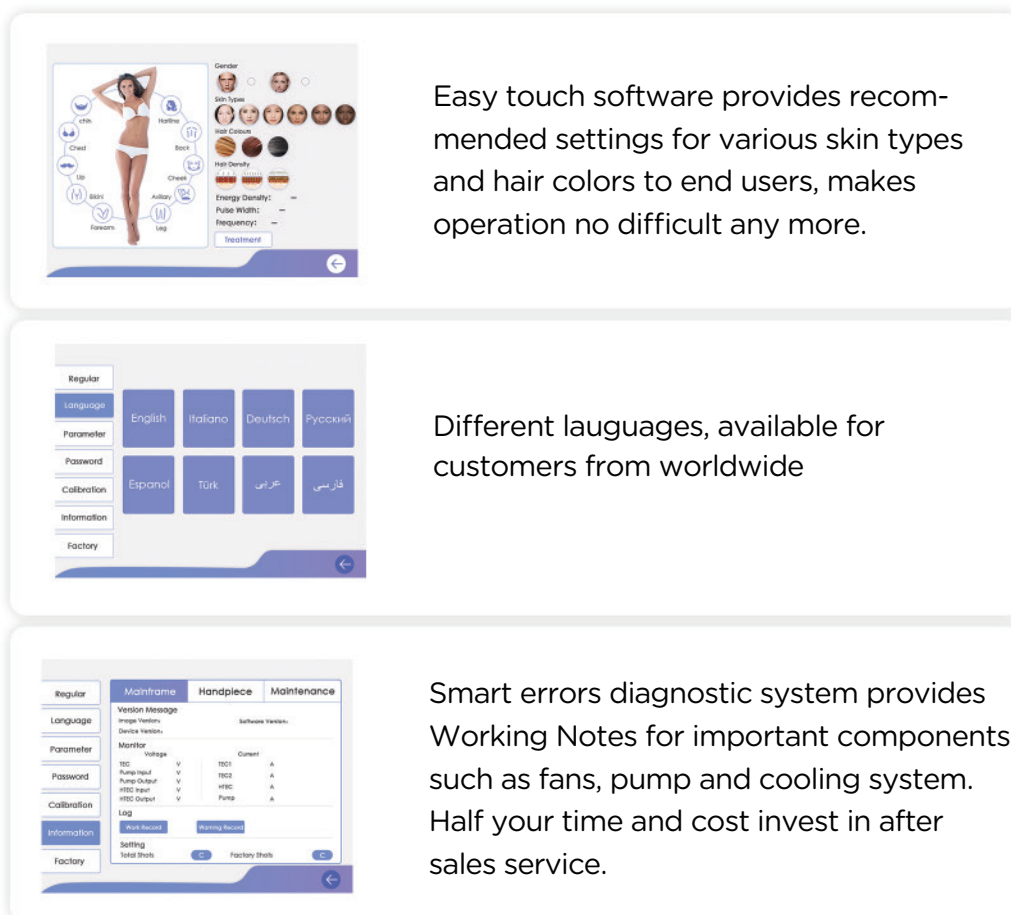
Safe and Comfortable, Double Benefits

Double TEC Active Cooling Modular brings twin cooling effects. Double TEC starts working when water temperature is above 25°C, to make sure water temperature between 25°C and 30°C, and pure sapphire cool enough. In this case, the safest and most comfortable treatment is available. Super long continuous working time will double your business.



The diagram illustrates the 'Double TEC' cooling system. On the left is a black rectangular device with two fans. A bracket labeled 'Double TEC' points to a thermometer. The thermometer shows a red liquid level between the 25°C and 30°C marks. To the right of the thermometer, the text reads: 'Benefits: Standby state, handle stay 5 °C; Ready state, handle keep 0 °C; laser bars shooting lifetime 2 times; 18 hours continuous working'. Further right is a cross-section of human skin with a laser beam and a cooling probe, labeled 'Safety²' and 'Comfortable²'.

Easy Touch and Intelligent Diagnostic System



The first screenshot shows a patient selection screen with a female figure and various body parts (Chest, Back, Arm, Hand, Forearm, Leg). It includes options for Gender, Skin Type, Hair Colour, Hair Density, Energy Density, Pulse Width, and Frequency, along with a 'Treatment' button.

The second screenshot shows a language selection menu with options for English, Italiano, Deutsch, and Русский. Below it are options for Espanol, Türk, عربي, and فارسی. A 'Factory' button is at the bottom.

The third screenshot shows a diagnostic system menu with tabs for Regular, Mainframe, Handpiece, and Maintenance. The 'Mainframe' tab is active, displaying a table of system components and their status:

Mainframe		Handpiece		Maintenance	
Version Message					
Image Version		Software Version			
Service Message					
Monitor					
TEC Voltage	V	TEC2	A		
Pump Input	V	TRC3	A		
Pump Output	V	HR3C	A		
HR3C Input	V				
HR3C Output	V	Pump	A		
Log					
Back Access					
Setting					
Initial State		Factory State			

Easy touch software provides recommended settings for various skin types and hair colors to end users, makes operation no difficult any more.

Different languages, available for customers from worldwide

Smart errors diagnostic system provides Working Notes for important components such as fans, pump and cooling system. Half your time and cost invest in after sales service.

■ Technique Specification

Laser type	High power diodes
Wavelength	808nm Standard 755nm, 1064nm, Tri-wavelength optional Changeable Spot size 9*9, 12*12, 12*18 optional
Spot size	12*12mm ²
Repetition rate	up to 10HZ
Fluence	10-125J/CM2
Pulse width	10-400ms
Peak power	3000W
Platform specification	100-240VAC 12A MAX/50-60HZ
Net Weight	45KG
Dimension	530X480X1040mm