

GSD[®]
Global Skin Dermatologist

Premium Light

Square Pulse IPL(SHR)



Brief Introduction

GSD Premium Light adopts square pulse SHR IPL, which emits constant accurate energy to ensure optimum clinical results. Easy and customized interface makes it flexible for individual clinical procedure. It is a safe and efficient system for fast and permanent hair removal, skin rejuvenation, acne treatment, vascular and pigmented lesions.

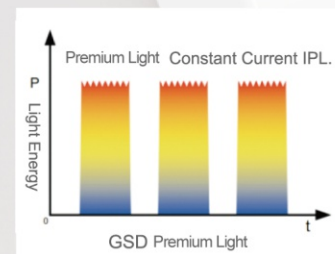
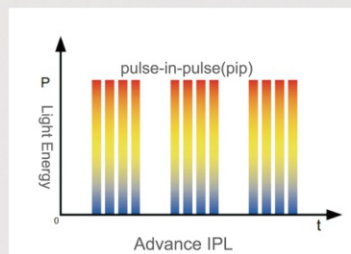
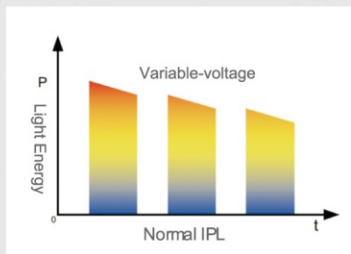
Working Principle

What is Square Pulse IPL?

It adopts square pulse technology to guarantee uniform energy output. Energy could instantaneously achieve peak power which could keep stable during the entire pulse duration. No matter it acts with single pulse mode or multi-pulse mode, Premium Light always presents uniform and accurate energy which could reach presetting energy level without any sudden energy fluctuation.

What's the difference between conventional IPL and Premium Light ?

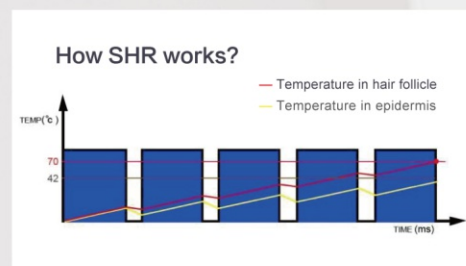
Premium Light makes comfort as the first priority as well as delivering maximum treatment efficiency. Comparing with it, conventional IPL system is unfeasible to produce long-square pulse which should reach the relaxation period to target skin. Moreover, fluctuations of output energy will easily lead to ineffective treatment result and increase risk of side effect.



Advantages

SHR mode, up to 8HZ for fast & painless depilation

SHR probe is designed to heat hair follicle gradually at high frequency but low energy density. The accumulated temperature rise gradually in dermis to achieve painless depilation. Another MF probe is for multifunctional applications to meet individual needs. SHR probe and MF probe can be recognized automatically by the system.



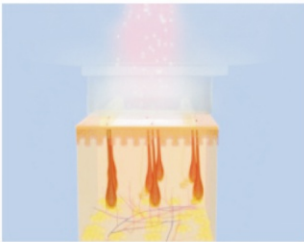
12 hours non-stop flashing

Powerful cooling system and energy control unit enable the operator to provide uninterrupted treatment.

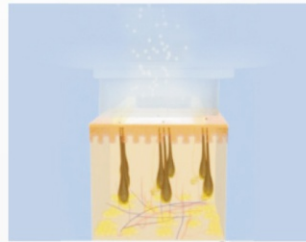


Innovative TEC cooling system

The thermoelectric semiconductor cooling system increases the temperature difference between superficial and subcutaneous tissue, making the therapy more gentle. Adjustable TEC cooling with minimum -4°C protects epidermis while hair follicle is heating. 5 cooling levels can be adjusted.



Premium Light functions on skin



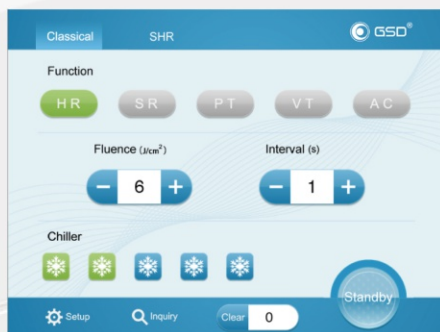
Melanin in follicle absorbs light, and light energy transforms to heat energy



Hair is removed

User friendly interface, portable design

Two operation modes are available. Classical mode provides intuitive operation interface to basic users, while SHR is for fast hair removal treatment.



High ROI, modularized design for easy maintenance

Technical Specification

Premium Light	
Continuous working hour	12 hours
Spot size	50 mm*15 mm (SHR), 50 mm*10 mm (MF optional)
Repetition rate	Up to 8Hz
Cooling	TEC cooling
Wavelength	600~1200nm (SHR) 500~1200nm (MF optional)
Fluence	4~24J/cm ²
Pulse width	2~12ms
Working mode	Classical mode, SHR mode
Dimension	47 CM*46 CM*33 CM
Net weight	25 KG



Shenzhen GSD Tech Co.,Ltd. is a leading professional manufacturer of hi-tech aesthetic and medical equipment, combined with research, production, distribution and service with its own patents. It has been keeping pace with the international standard on technology, introducing innovative concepts continuously from RF to HIFU, from IPL to diode laser, erbium glass fractional laser, eximer light and pico laser. Under strict standards of FDA, Medical CE, ISO13485, ISO9001, GSD products have covered more than 120 countries and regions. Welcome to join us.

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