

PIEON

S1 1470nm

EVLT

DIODE LASER SYSTEM





Quality and Safety

S1 is exquisite and compact in appearance, which stands out from the medical laser design industry. Thanks to its elegant metallic body, super-fast cooling system and highly integrated modular design, S1 can deliver up to 12W stable and continuous laser energy. **Technology makes it possible.**

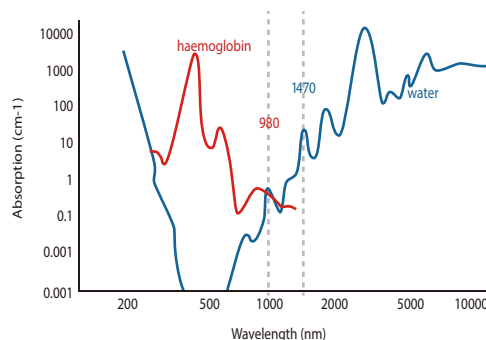
Sustainable Value

- ✓ As original manufacturer of medical lasers and laser accessories, the price will be expected.
- ✓ Longest warranty policy: 5 years for laser module, 3 years for main device.
- ✓ OEM cooperation is possible.

Optimal Clinical Configuration

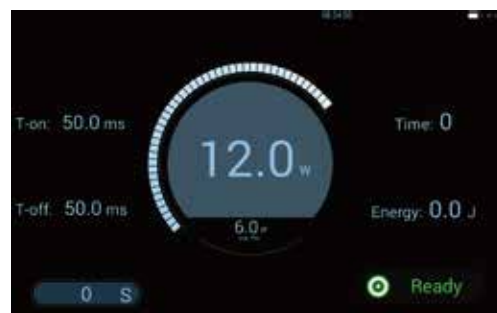
Superior cellular water absorption, gives 1470nm wavelength advanced vein ablation results at relatively low power settings, thus reducing thermal damage to surrounding tissues. Significant reduction of postoperative pain and side effects help to reach higher patient satisfaction that promote 1470nm lasers as the universal alternative to conventional 810/980nm lasers. Additionally, it has a very good effect on blood (no risk of bleeding).

Confirmed by clinical statistics, 1470nm's recommended power ranges from 5 to 10 watts. At settings of less than 12Watts, tissue necrosis and damage can be controlled, therefore **1470nm 12Watts is a safer and cheaper configuration.**



Rapid and Easy Set-up

Equipped with the ultra-fast response touch screen, S1 allows surgeons to select very efficiently, intuitively and effortlessly with a wide field of vision. Individual treatment data can be stored, the surgeon preset is ready, which contributes to quick and easy selection of treatment parameters. We want surgeons to focus on every treatment without being interrupted by complicated software.



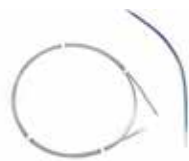
A complete set of Accessories



Bare Fiber



Safety Goggles



EVLA Kit



Radial Fiber



Fiber Stripper



Fiber Cutter

* International standard connector of S1, allows the connection of all mainstream accessories
*Standard one-year warranty service for all accessories

TECHNICAL SPECIFICATIONS

Wavelength	1470nm \pm 10nm
Power	12W Best balanced configuration
Display	7-inch RETINA touch display HDR feature PPI>340
Aiming Beam	650nm<2mW, adjustable density
Fiber Connection	SMA905 Direct connect of medical fiber: \geq 400 μ m Multi-purpose handpieces
Operating Modes	Continuous (CW) / Pulse / Single Pulse
Power Supply	24VDC 7.5A Dedicated adapter + Optional power cord
Weight(without case)	\leq 2KG NW Aluminum-magnesium alloy case
Dimensions(L*W*H)	213mm*174mm*153mm
Cooling	Double fans + Electronic cooling Multi-channel copper tube
Laser Module	Micro-optical integrated laser diodes 20,000h durability

The laser complies with the following standards

IEC 60601-1:2005 +A1:2012

IEC 60601-1-2:2014

IEC 60601-2-22:2012

IEC 60825-1:2014



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