

**OEM is Available**

Our service is designed to meet most customer requirements within permissible limits. We do not limit ourselves to providing standard products, but are flexible enough to change with the needs of our customers.

**Top-notch Service**

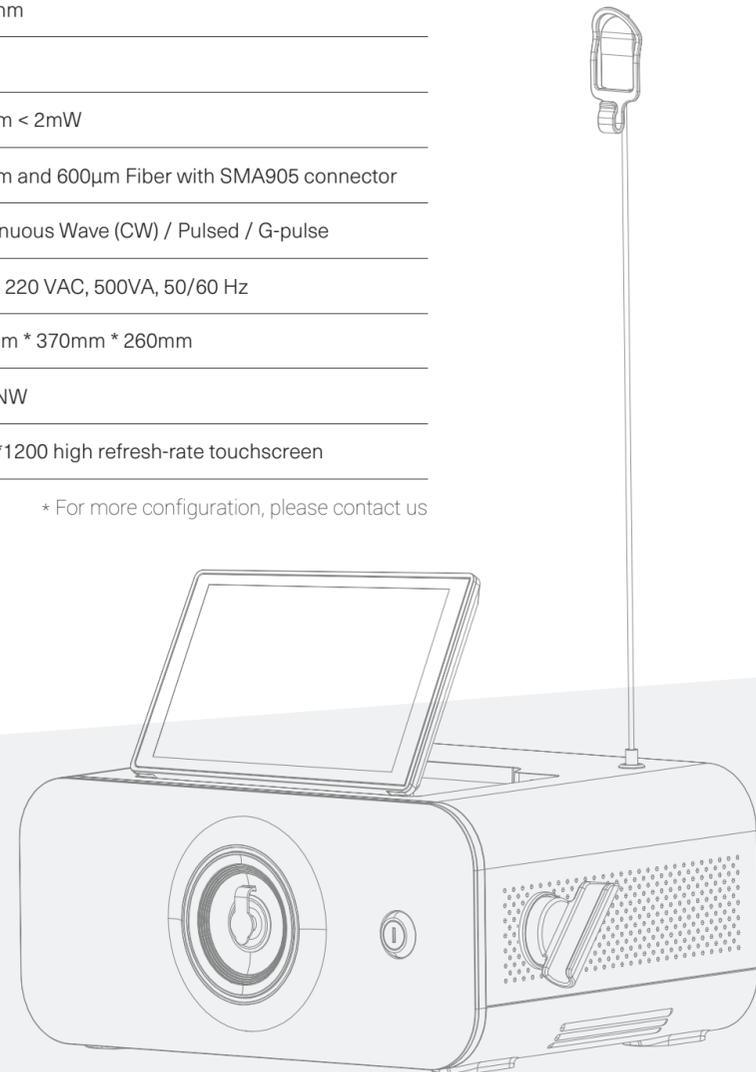
Amazing warranty program that exceeds industry standards. Extremely high quality requirements be as the basis, precise & efficient after-sales team to guarantee.



TECHNICAL SPECIFICATIONS

Wavelength	1940nm
Power	6W
Aiming Beam	650nm < 2mW
Fiber Connection	400µm and 600µm Fiber with SMA905 connector
Operating Modes	Continuous Wave (CW) / Pulsed / G-pulse
Power Supply	100 ~ 220 VAC, 500VA, 50/60 Hz
Dimensions (L*W*H)	400mm * 370mm * 260mm
Weight	7KG NW
Display	1920*1200 high refresh-rate touchscreen

\* For more configuration, please contact us



**1940nm Phlebology Laser System**

—Clinical Superiority



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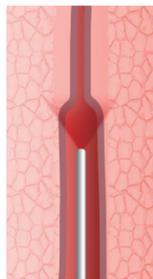
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# 1940nm

## Latest Clinical Results for Phlebology



1940nm

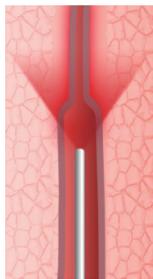
**Direct to the vessel wall with less tissue penetration**

1940nm significantly shows higher water absorption rate while effective tissue penetration impact is only about a quarter, which means it can achieve a much better ablation effect on the vessel wall with smaller dose of energy while producing less thermal damage to the surrounding tissue

Good cellular water absorption, achieve better clinical results. But the prevention of tissue damage is not as good as 1940nm

**Penetration of vessel wall affects normal tissue**

1470nm

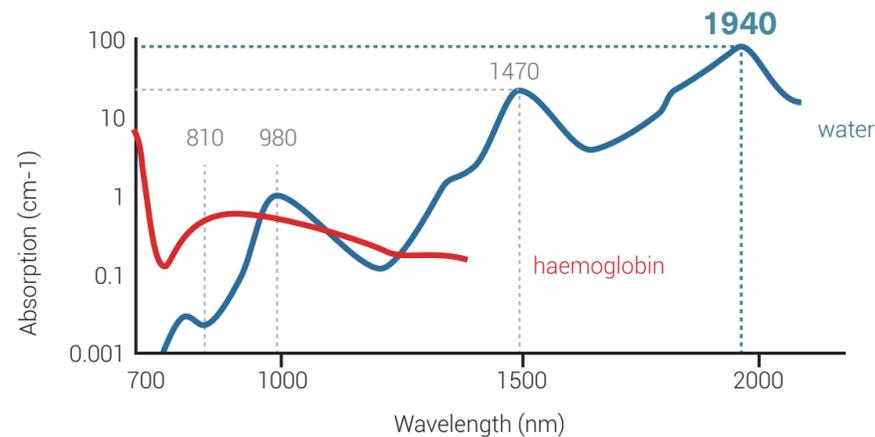


810/980nm

Conventional wavelength, high hemoglobin absorption.

## Optimal Clinical Selection

- ▶ Higher water absorption, lower power required than 6-8w of 1470nm can be taken: **4-6W**
- ▶ LEED (linear endovenous energy density) can be significantly reduced under the setting — less than 50 J/cm
- ▶ Less pain, no risk of burns and associated skin scarring effects guaranteed
- ▶ Balance between the high procedure success rate and low complication rate



### HIGH-GRADE RADIAL FIBER

Specially designed emission port that acts 360° on the vein wall, effectively avoiding waste of laser energy and providing the best vein ablation results.

- Advanced Silicon Fiber Ensures Max Energy transmission
- Original Manufacturer Guarantees **Affordable** Price



## Unique Design for 1940nm

### Reliability from Top-level Technologies

While choosing laser modules from world-class laser diode supplier, Pioon has developed and patented the **Original Advanced Laser Stabilization System** for the 1940nm phlebology system.

Laser diode of 1940nm will generate extremely high amounts of heat when operating. We have adopted high-performance materials and the assembly of patented low volume dual-fan cooling system, which perfectly control the stability during the clinical procedure in the case of high threshold current and high heat generation.

Long-term stable output and hardly need maintenance

Exquisite silence

### Surgeon-friendly Design

- Multiple modes to meet more treatment needs: CW, Repeat Pulse, Group Pulse.
- Easily customize and save familiar treatment protocols by surgeon.
- Intuitive parameter setting to facilitate the operation.
- Compact, ultra high-resolution, easy touch display.

