

neoV1940

The New and Optimal Tool for Endovenous Treatment

The Only 1940nm System with Proven 2 Year Follow Up Clinical Data**

The neoV1940 diode laser offers a new wavelength with superior absorption when compared to 1470 systems. The 1940 nm wavelength has absorption which is 3 times higher than 1470 in blood and the vein wall*. As a result, heat is much more localized, thermal penetration is lower, and according to published data on the neoV system with 2 year follow up, vein closure can be achieved with up to 100% efficacy for dosages above 35J/cm**. These unique features may potentially allow more precise application with less total dosage, especially in vicinity of critical structures.

*Initial outcomes of endovenous laser ablation with 1940 nm diode laser in the treatment of inco petent saphenous veins, Park, Vascular 0(0) 1-6, 2018

**Endovenous laser ablation (EVLA) for vein insufficiency: two-year results of a multicenter experience with 1940-nm laser diode and a novel optical fiber, Palombi et al., Lasers in Medical Science (2024) 39:61



1940 nm	6 Watts	99	3.5 kg
wavelength	power from laser head	surgeon presets	weight



FOOT CONTROL

SAFETY GLASSES

INTRODUCTION KITS

LASER NEOV1940

Aiming Beam **635 nm up to 5m Watts**

Fiber Connection **Proprietary**

Operating Modes **CW, Pulsed**

Power Requirements **19 VDC, 4.7 A**

Dimensions **10x22x22 cm**

Weight (without case) **3.5 kg**

Design

The neoV1940 truly stands apart from the industry in terms of design and craftsmanship. Through use of unique materials and cooling technology, neoLaser has launched the smallest and most portable 1940 system of its class, a fraction of the size and weight of similar system.

Ease of Use

The neoV1940 is controlled by a high resolution, high brightness, and color touch screen with wide viewing angles, to allow easy operation irrespective of location within the OR. Surgeon and application presets are available for quick setup. The unit provides pull-back synchronization through audio feedback for precise dosage application.

Quality & Safety

For us quality and safety come first. The unit offers extremely precise power output and is provided with a 2 year warranty. You should be confident that the neoV1940 laser presents the most advanced technology on the market today for your EVLA practice.

Infinite Ring Fiber Technology

The new 1940 nm is compatible with the full line of fiber delivery options of the neoV platform. This includes the CORONA Infinite Ring Fiber, which allows more uniform transmission along the vein axis, a critical feature when combined with the high absorption coefficient of the 1940 nm system, and the new TOTAL EVLA Infinite Ring Fiber, the most versatile and optimal tool for GSV/SSV/Perforator vein treatment through thin needles. This fiber is unique to the neoV platform.





TYPES OF FIBER

CORONA Infinite Ring Fiber	Cylindrical Emission over a ~4 mm section, 2.5 m 600 or 400 um, 1.3 mm, 1.6 mm or 1.8 mm tips, marked
TOTAL EVLA Infinite Ring Fiber	Cylindrical Emission, 2.5 m, 500 um, 1.2 mm tip, marked

May depend on geography consult your neoLaser dealer.

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