

# The neoV1940 for EVLA

The Only System with CORONA Infinite Ring Fiber Technology



The neoV1940 is the newest addition to the neoV family! The 1940nm wavelength is an exciting new option for your endovascular practice due to extra high water absorption, higher than 1470nm. The system enables work with CORONA 360 fibers as well as with the newly launched CORONA Infinite Ring fiber, giving you access to the safest and most advanced EVLA technology in the world today.

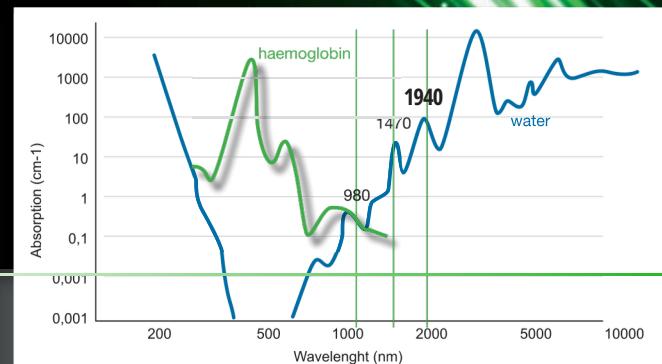
The neoV1940 with neoLaser's new fibers, position the neoV as the benchmark of clinical excellence for EVLA.



neoV 1940	ADVANTAGE	DESIGN	EASE OF USE
<ul style="list-style-type: none"><li>1940nm wavelength</li><li>6 Watts of power from laser head</li><li>Radial or sectional radial emission</li><li>Regular or slim fibers</li><li>Full introduction kits</li></ul>	<ul style="list-style-type: none"><li>The highest water absorption</li><li>Less thermal damage than other wavelengths</li><li>Safe and effective</li><li>Superb in vicinity of critical structures</li></ul>	<ul style="list-style-type: none"><li>World-class design</li><li>22cm X 22cm X 10cm</li><li>Only 3.5Kg in portable suitcase</li><li>Affordable cost</li></ul>	<ul style="list-style-type: none"><li>Large high brightness color touch-screen</li><li>Easy and patented fiber connection</li><li>99 Surgeon presets</li><li>Full portability</li><li>Fiber pullback synchronization</li></ul>

## The neoV1940 Laser

### The New and Optimal Tool for Endovenous Treatment



#### The Optimal Energy – 1940nm

The neoV1940 diode laser offers a new wavelength with superior absorption when compared to 1470 systems. The 1940nm 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, vein closure can be achieved efficiently for dosages above 30J/ cm\*\*. These unique features may potentially allow more precise application with less total dosage, especially in vicinity of critical structures.

#### Optimal Fibers

The new 1940nm is compatible with the full line of fiber delivery options of the neoV platform. This includes the CORONA 360 with radial emission, and in addition, the newly launched 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 1940nm system. This combination is unique to the neoV platform.

#### 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 systems.

#### Ease of Use

The neoV1940 is controlled by a high resolution, high brightness, and color touch screen with wide viewing angles, to allow operation irrespective of location within the OR. Unit footprint is extremely small, leaving precious OR space for other equipment.



Surgeon and application presets are available for quick setup. The unit provides pullback synchronization through audio feedback for precise dosage application.

#### Superb Quality and Safety

Quality and safety come first. The unit offers extremely precise power output and is provided with a 1 year warranty. You should be confident that the neoV1940 laser presents the most advanced technology on the market today for your EVLA practice.

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

\*\* Medium and long-term outcomes of endovenous treatment of varicose veins with a 1940nm diode laser: critical analysis and technical considerations, Viarengo et al., J Vasc Bras. 2017 Jan.-Mar.; 16(1):23-30

neoV1940 Specification		
Laser	Wavelength	1.940nm
Display / Control	Color Touch-Screen	
Output Power (Laser)	6 W	
Aiming Beam	Fiber	635-650nm
Connection	Operating	Proprietary
Modes	Power	CW, Pulsed
Requirements		19 VDC, 4.7 A
Dimensions (HxWxD)		10 x 22 x 22 (cm)
Weight (without case)		3.5 Kg

Fibers & Kits	
CORONA Infinite Ring Fiber	Circular Emission over a ~4mm section, 2.5m, 600μm, marked
CORONA 360	Circular Emission, 2.5m, 600μm, marked
CORONA 360 Slim	Circular Emission, 2.5m, 400μm, marked
Introducer CORONA 360	Guide wire 45cm, 18G needle, 6FR introducer

