FiberLase S

Laser for surgery and EVLT

Application

- General surgery
- Phlebology
- Proctology
- ENT
- Gynecology
- Traumatology and Orthopedics
- Dentistry
- Dermatology

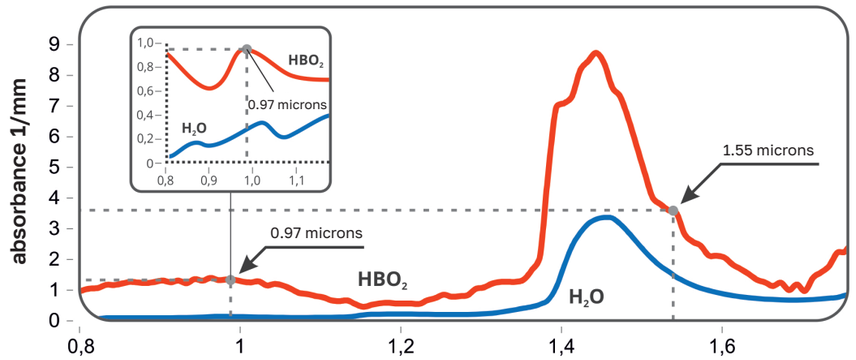
Features

Two wavelengths laser with radiation at wavelengths of 0.97 and 1.55 microns, which is a perfect surgical tool for multidisciplinary medical clinics.

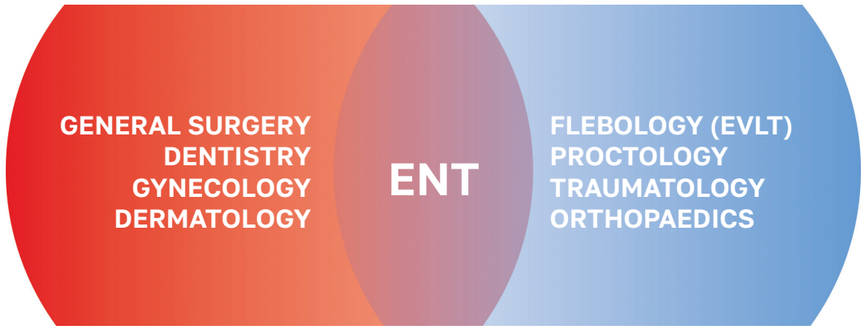
It is designed for open, minimally invasive, endoscopic and puncture surgery procedures deploying laser radiation delivered through a flexible fiber.

It has two independently adjustable wavelengths that allow you to change the impact during the operation.

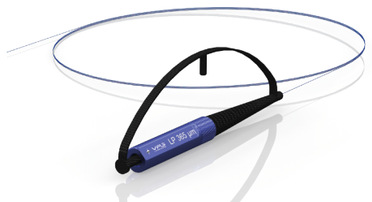
Wavelengths of 0.97 and 1.55 μm



With the right selection of laser radiation parameters, exposure entails minimum tissue oedema, and the intensity of pain and the probability of postoperative complications are reduced.



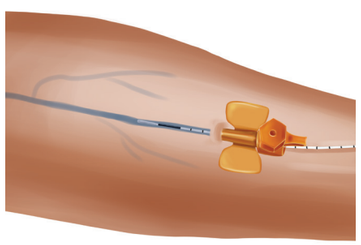
VPG Surgical Fiber LP and IPG Surgical Fiber LP Radial are used with FiberLase S



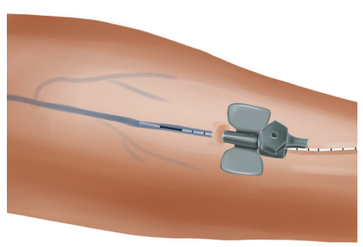
VPG Surgical Fiber LP is used for tissue dissection, vaporization and coagulation

VPG Surgical Fiber LP Radial is used to EVLT

VPG surgical fiber lp radial is available in two versions:



VPG Surgical Fiber LP Standart with a core diameter of 550 μm, used with a catheter 14 G

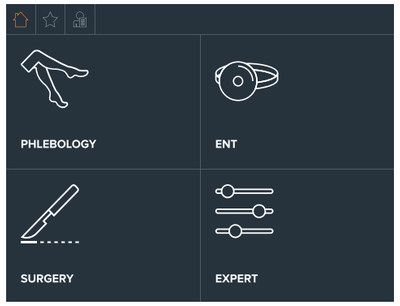


VPG Surgical Fiber LP Thin with a core diameter of 365 μm, used with a 16 G catheter

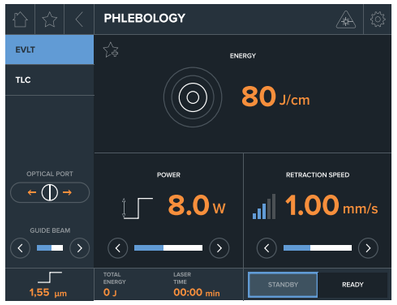
Intuitive interface

The large touch screen display provides a good visualization of the selected radiation parameters and allows to quickly and comfortably change the settings during the surgery procedure.

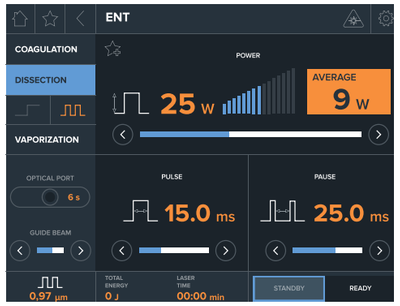
Automatic energy and time meters inform the user about the amount of energy transmitted and the duration of the laser exposure.



Main Menu



In "Phlebology" mode, the energy is automatically calculated based on the selected power and retraction rate parameters

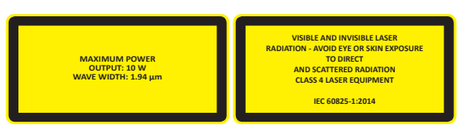


In the "ENT" mode the wavelength of the laser radiation is set automatically when the soft tissue exposure mode is selected

In "Expert" mode FiberLase S allows for controlling two independent radiations (0,97 and 1,55 μm) through one fiber instrument

Technical Specifications

Radiation wavelength, μm	1.55	0.97
Maximum radiation power, W	15	30
Operating mode	Continuous, pulsed	
Pulse duration, msec	2 ... 1,000	
Pause duration, ms	2 ... 1,000	
Pilot laser, μm	0.55	
Fiber tool diameter, μm	365, 550	
Length of the fiber tool, m	3	
Supply voltage, V	220±10%	
Dimensions (H × W × L), mm	253 × 310 × 419	
Weight, kg	10	



WORLD LEADER
IN THE LASER INDUSTRY

VPG LaserOne LLC (formerly IRE-Polus LLC) is a Russian company established by an outstanding Soviet scientist, Valentin Pavlovich Gapontsev, the founder of the international scientific and technical IPG Photonics Corporation.

VPG LaserOne is a globally recognized leader in the field of fiber lasers and amplifiers, as well as devices and systems based on them. Drawing on deep expertise and decades of experience in laser equipment production, VPG LaserOne LLC designs and supplies medical laser devices and surgical fiber for a wide range of applications.

VPG LaserOne develops advanced medical laser devices through a full-cycle process that includes device engineering, development of clinical application protocols, in-vitro research in its proprietary laboratory and clinical trials conducted in collaboration with leading clinical centers.

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DATE OF ESTABLISHMENT
1992

15
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PATIENTS TREATED WITH VPG LASERS IN 2024

>2000
MEDICAL LASER SYSTEMS INSTALLED WORLDWIDE SINCE 2017