FiberLase S

Laser for surgery and EVLT

Application

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

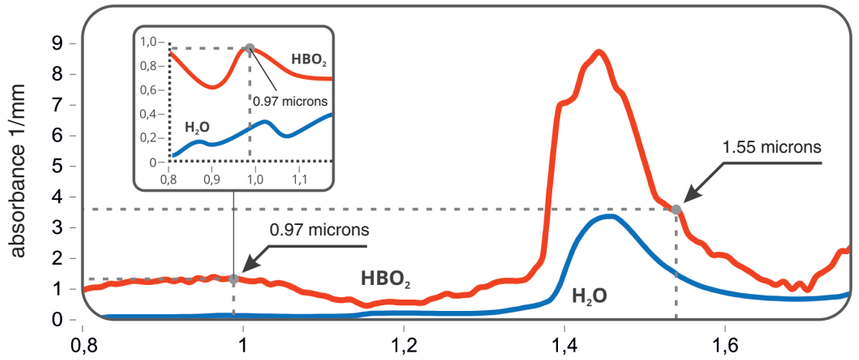
Features

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

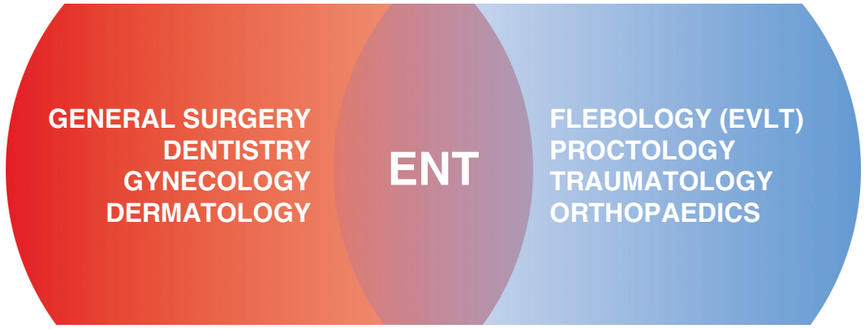
It is designed for open, minimally invasive, endoscopic and puncture surgery procedures deploying laser radiation delivered through a flexible fiber.

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

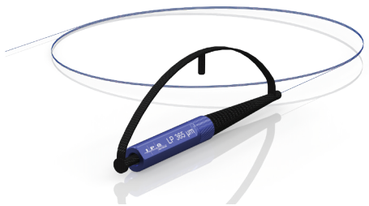
WAVELENGTHS OF 0.97 AND 1.55 µm



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.



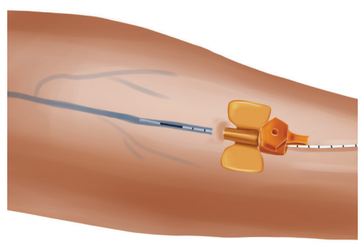
IPG Surgical Fiber LP and IPG Surgical Fiber LP Radial are used with FiberLase S



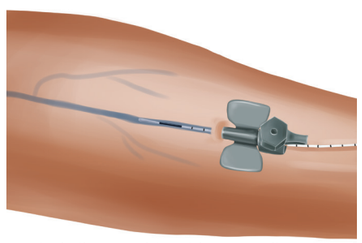
IPG Surgical Fiber LP is used for tissue dissection, vaporization and coagulation

IPG Surgical Fiber LP Radial is used to EVLT

IPG SURGICAL FIBER LP RADIAL IS AVAILABLE IN TWO VERSIONS:



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

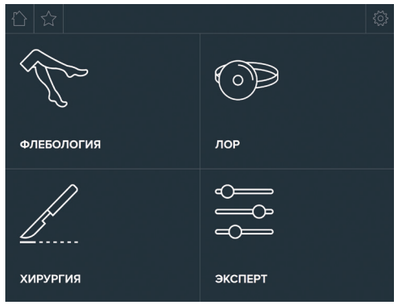


IPG Surgical Fiber LP Thin with a core diameter of 365 µm, used with a 16 G catheter

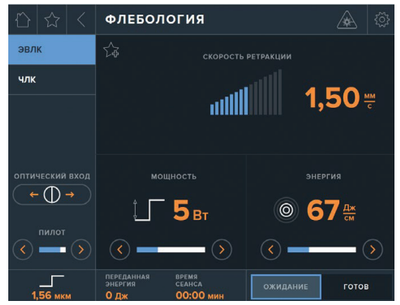
INTUITIVE INTERFACE

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.

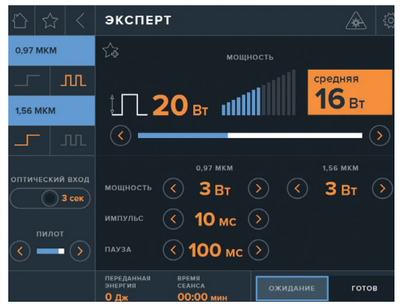


Main Menu



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

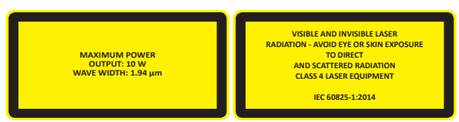
In the "ENT" mode the wavelength of the laser radiation is set automatically when the soft tissue exposure mode is selected



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	



IRE-POLUS

WORLD LEADER
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IRE-Polus is one of the leaders in the field of fiber lasers and amplifiers, as well as devices and systems based on them. Fiber lasers have the highest performance, reliability, and practicality at a lower cost of ownership than other types of lasers.

Relying on professionalism and many years of experience in laser equipment manufacturing, "IRE-Polus" Ltd. sells medical laser devices and surgical fibers for a wide range of applications.

During the development of new medical laser devices, IRE-Polus goes through all stages: not only the device manufacturing, but also creation of methods for its application, conducting both in-vitro researches in its own research laboratories, and clinical research together with the leading clinical centers.

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MEDICAL LASER SYSTEMS SHIPPED TO RUSSIA SINCE 2024