

The neoV 980 and neoV1470

Surgical power
was never so small



Good things come in small packages and the neoV laser is no exception. This small, portable, superbly designed unit delivers a powerful laser beam for your surgical applications in ENT, GYN, GI, Pulmonary or Orthopedics.

The neoV 980 and neoV 1470 delivering up to 20 Watts – World class design, performance and value.



KEY FEATURES

980nm or 1470nm Wavelength
Up to 20W at 980nm and up to 10W at 1470nm from laser head
300 μ m to 600 μ m fibers available

APPLICATIONS

ENT, GYN, ORTHO, GI, IP
Coagulation, excision, ablation
Endoscopic, robotic, laparoscopic

DESIGN

World-class design
22 cm x 22 cm x 10 cm
Only 3.5 kg of weight
Stable output power

EASE OF USE

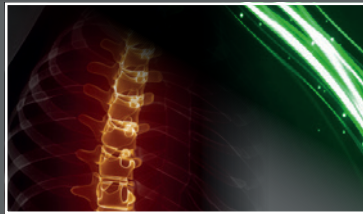
Large high brightness color touch-screen
Easy fiber connection
99 Surgeon presets
Portability

The neoV Laser The World's Smallest 20 Watt Laser

The neoV stands apart in terms of design and craftsmanship. Leveraging proprietary cooling technology the laser is a fraction of the size and weight of other surgical lasers, providing unparalleled flexibility. The unit is controlled by a state of the art color touch screen. Individual presets plus patented plug-and-play fibers will save precious time.

All-in-one surgical tool for your practice

The neoV980, with absorption in both water and hemoglobin, offers a balanced, powerful, and effective tool for cutting and coagulation. The neoV1470, with a peak of water absorption, offers a precision microsurgical tool for soft tissue.



Orthopedics

In Orthopedic treatment of lumbar disk herniation, the neoV laser enables Percutaneous Laser Disk Decompression (PLDD) procedures. Laser energy is delivered by a fiber through a hollow needle to evaporate water and tissue content thereby reducing pressure and as a result, relieving back pain.

GI

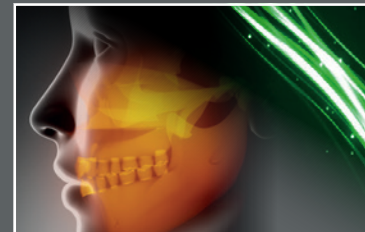
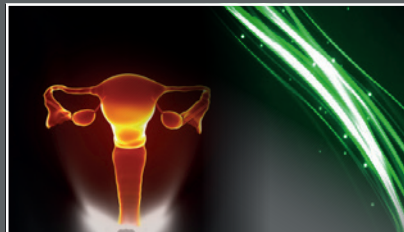
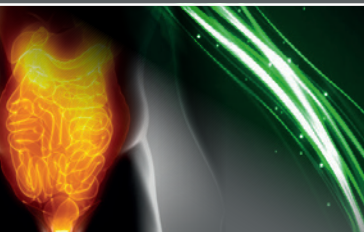
The use of laser energy through flexible endoscopes in the field of Gastroenterology can assist in a wide variety of conditions. The strong coagulative power of the energy can be exploited to treat GI bleeders, to ablate and destroy lesions, including treatment of abnormal mucosa, or strictures.

Pulmonary

Whether it is Central Airway Obstruction (CAO) or lesions deeper in the bronchi, the 980nm wavelength, the neoV laser, having strong ablation and coagulation power, can assist in debulking, coagulating and removing obstructing tumors. With use of gas cooled fibers through flexible endoscopy, surgical reach can be expanded and improved.

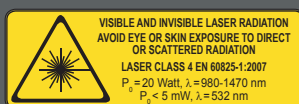
ENT

In ENT the laser is ideal for nasal surgery including polyps, cysts, and septum treatment. Oral application for tonsillectomy, glossectomy, oral lesions, and uvulopalatoplasty is recommended, as well as laryngeal, subglottic lesions, including office-based treatments. A special kit is offered for treatment of Dacryocystorhinostomy (DCR).



GYN

The neoV laser provides a robust surgical tool for GYN procedures, including trans-vaginal procedures, laparoscopy or robotic applications. Conditions applicable include cysts, myomas, condylomas, endometriosis removal, as well as lysis of adhesions, including hysteroscopic treatment under fluid.



Laser Specification	
Laser Wavelength	980 nm 1470 nm
Display / Control	Color Touch-Screen
Output Power (Laser)	20W 10W
Aiming Beam	532nm, adjustable
Fiber Connection	Proprietary
Operating Modes	CW, Pulsed
Power Requirements	19 VDC, 4.7 A
Dimensions (HxWxD)	10 x 22 x 22 (cm)
Weight (without case)	3.5 Kg

Fiber & Kits	
Bare Fiber	2.6m, 300/400/600 μm
Otology Probes	2.6m, 300 μm, long/short probes
CORONA AT	Attraumatic tip, 400 μm, 1.0 mm tip
CORONA GC	Gas cooled, 600 μm, 1.8 mm OD, 3m
CORONA 360	Radial emission, 600 μm, 1.8 mm OD, 3m
DCR Kit	Hand piece with 2 cannulas, sterilization tray
PLDD Kit	Bare fiber, Y connector, 20G and 18G needles
Slim Bare Fiber	2.6m, 300/400/600 μm with polyimide coating
Hand Pieces	Stainless Steel, various sizes