

neoV 980 and neoV 1470 for ENT

Surgical power
was never so small



The neoV surgical laser platform with your choice of 980nm or 1470nm - The smallest, lightest weight, and most portable laser system of its power class.



The neoV Laser
The World's Smallest 25 Watt Laser

neoLaser, a family owned company, was founded in Israel, both a cradle of innovation and a place with decades of in-depth industry leadership in medical laser technology.

The neoLaser team, with over 20 years of combined medical laser industry experience, and having brought to successful launch pioneering laser technology, is now embarking on a new and exciting path of innovation.

neoLaser is proud to launch the neoV laser

platform, with its groundbreaking design. With the ultimate commitment to innovative design,

detail oriented craftsmanship, and top-notch quality, neoLaser and its products will stand apart from the industry. We are here to serve your surgical needs and to work with you to develop the optimal and best designed laser based surgical solutions for your practice. We welcome your business.

Gil Shapira, Founder President & CEO

Good things come in small packages and the neoV laser is no exception.

This small, portable, superbly designed unit delivers an accurate 1470nm laser beam or a powerful 25W 980nm energy for your surgical applications in ENT.



KEY FEATURES

980 or 1470 wave-length
Up to 28W at 980 or 12W at 1470 from laser head
300 μ m to 600 μ m fibers
Indications in ENT
CORONA ENT/OTO fibers

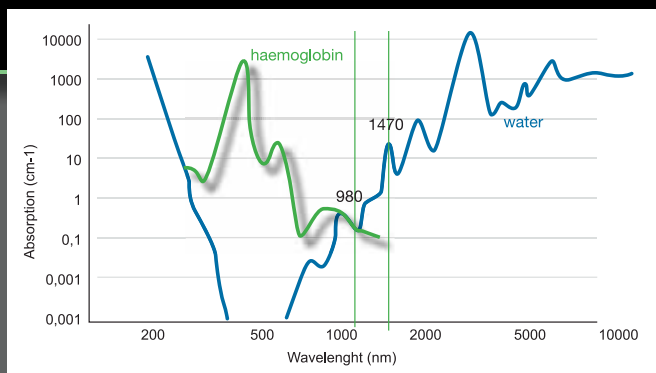
EASE OF USE

Large high-brightness color touch screen
Intuitive user interface
Plug and play fiber connection
Rapid setup with surgeon presets

UNIQUE VALUE

Enhanced safety features
High reliability and low maintenance
Portability
Standard power connection

The interaction/wavelength choice



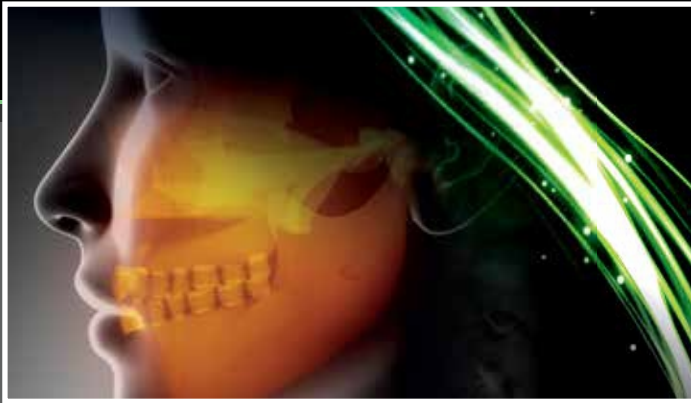
Laser interaction with soft tissue depends on the wavelength of choice. The neoV laser comes in 2 versions – the 980nm and the 1470nm.

The 980nm laser with equal absorption in water and blood, offers a powerful all-purpose surgical tool for incision, excision, coagulation and vaporization, as well as a high power source for rapid surgical work.

The 1470nm laser with significantly higher absorption in water, provides a precision instrument for fine surgical work with reduced collateral damage around critical structures. Whatever your surgical needs, the neoV platform can deliver what you need.

Tissue interaction can be easily manipulated by changing the distance from the tissue, from precise incision when in contact mode, to coagulation and ablation when removed from the tissue.

Wide array of surgical interventions



The neoV laser system enables a wide array of surgical interventions with precision and safety. Choose either a 980nm or 1470nm system depending on the type of applications you seek. The system can be easily used in the OR or in a clinic setting, and enables a range of power levels, from delicate work near critical structures, to rapid removal of tissue.

Potential applications:

- Middle ear surgery, stapedotomy
- Laryngeal cancer and cordectomy
- Oropharyngeal lesions, tumor vaporization
- Tonsillectomy
- Glossectomy
- Nasal septum, polyps, cysts, mucocoeles
- Subglottic stenosis and lesions
- Tracheal stenosis and lesions
- Laser assisted Uvulopalatoplasty

Otology – Precision and Safety



The neoV laser offers a delicate and high precision modality for inner ear treatments. By use of a special design small core fiber disposable kit, fine ablation and tissue removal can be achieved. The use of a hand-held fiber delivery system with a clearly visible aiming beam ensures safe application and high precision control of energy application.

neoLaser offers a flexible reusable hand piece system consisting of a rigid ergonomic handpiece and various termination cannulas, or a fully disposable sterile handpiece with an integrated high precision fiber.



Fiber Delivery and Accessories



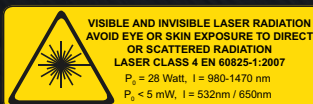
neoLaser offers a wide and comprehensive set of surgical accessories for multiple specialties. neoLaser's modular surgical hand piece system allows you to pick and choose the size and shape of cannula matching the treated anatomy. Simply plug your cannula of choice on the ergonomic hand piece for easy access. Custom tubes can be designed upon request.

Additional specialty hand pieces are also available, such as the laryngeal hand pieces and the suction hand piece.

Safety accessories are also available.



DESIGNED FOR SURGERY



Laser Specification		
Laser Wavelength	980 nm	1470 nm
Display / Control	Color Touch-Screen	
Output Power (Laser)	28 W	12 W
Aiming Beam	532/650nm, 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	