

# 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.

neoLaser

DESIGNED FOR SURGERY



## 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  $\mu$ m to 600  $\mu$ m fibers
- Indications in ENT
- CORONA ENT/OTO fibers

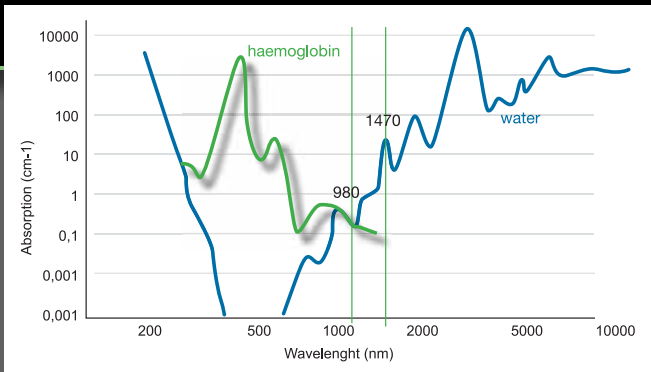
EASE OF USE

- 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



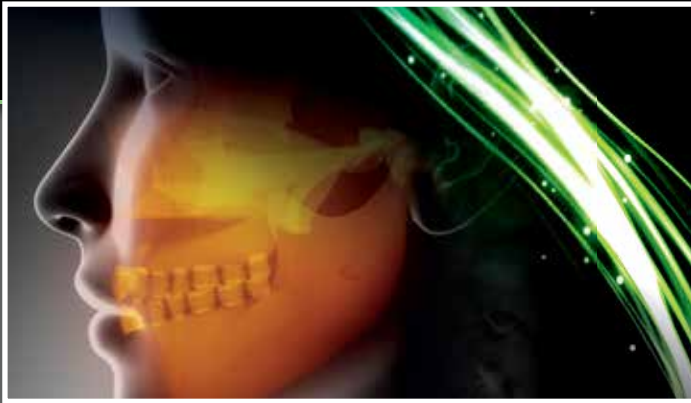
Laser interaction with soft tissue depends on the wavelength of choice. The neoV laser comes in 2 versions – the 980nm and the 1470nm.

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, mucoceles
- Subglottic stenosis and lesions
- Tracheal stenosis and lesions
- Laser assisted Uvulopalatoplasty

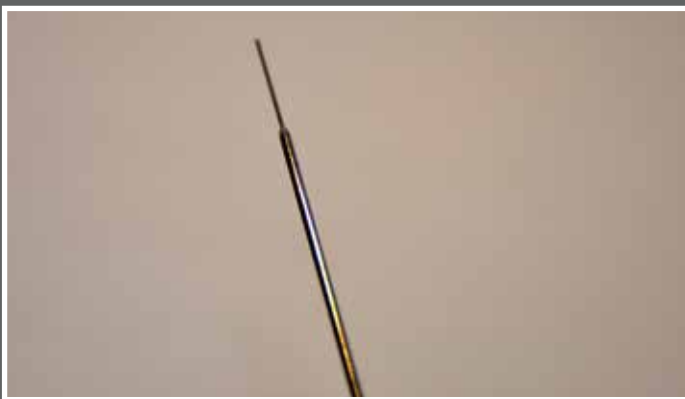


## Otology – Precision and Safety



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



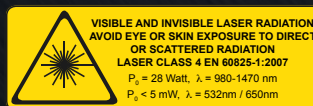
neoLaser offers a wide and comprehensive set of surgical accessories for multiple specialties. neoLaser's modular surgical hand piece system allows you to pick and choose the size and shape of cannula matching the treated anatomy. Simply plug your cannula of choice on the ergonomic hand piece for easy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



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| 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                |         |