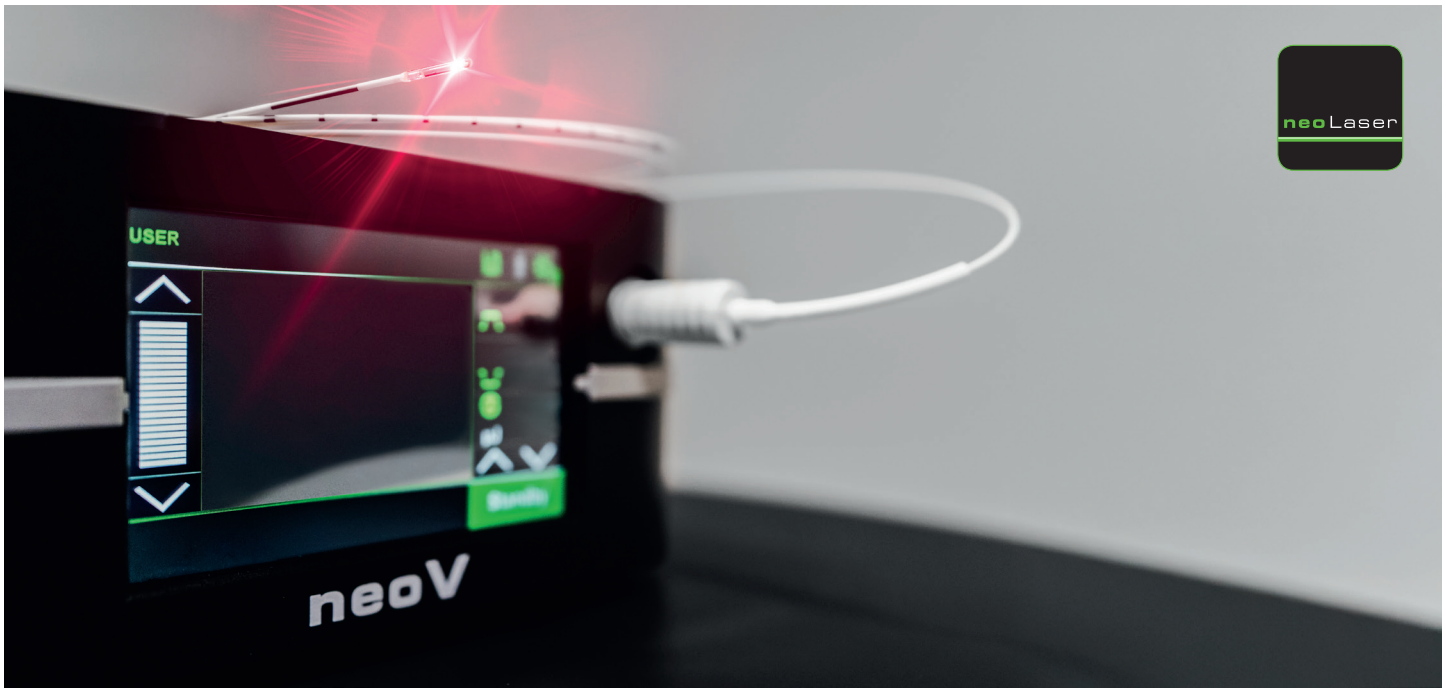

Precision fiber optics for phlebology and proctology

Corona Fistula Probe

Proctology

Specialized optical fibers are essential tools in modern phlebology and proctology, enabling precise and minimally invasive treatments for conditions such as varicose veins and hemorrhoids. These high-performance fibers are designed for accurate energy delivery, supporting advanced laser therapies that promote safe, effective, and targeted care. With superior clarity, flexibility, and reliability, they enhance procedural outcomes by delivering controlled laser energy to delicate areas, improving patient comfort and recovery times. Tailored for demanding medical environments, optical fibers provide healthcare professionals with the precision and durability needed for consistent results in vascular and proctological treatments.

neoLaser | 7 HaEshel Street • Caesarea 3088900 • Israel • info@neo-laser.com • office +972 4 677 9919

Proctology

Corona Fistula Probe

Minimally invasive laser therapy of anal fistulas and pilonidal sinus

The CORONA Fistula Probe™ is specially designed to be inserted into a fistula tract or pilonidal sinus to distribute the laser energy circumferentially, directly to the epithelized tissue and ensures a homogeneous thermal destruction of the fistula tract. The special designed fiber tip and small outer diameter enables the reach of small and curved areas. The dedicated laser marking allows a precise positioning of the probe within the tract.

Technical details

Outerdiameter (tip)	**1.0 mm to 1.8 mm**
Standard length	**2.5 m**
Wavelength	**980 nm or 1470 nm**
Typical transmission	**98 %**
Emission angle	**60° cone angle from fiber axis**
Numerical aperture	**up to 0.37**
Core diameter	**400 µm to 600 µm**

Features

- Short fiber tip for enhanced access into smaller and curved tract
- Efficient use of laser energy for optimized closure
- Precise laser marking for guidance