DIOLAS
Newton

Diode Laser

High power in small format

LIMMER
LASER

Made
in
Germany

One device with many advantages

- Intuitive use by large 9.7" True Color Touch Panel
- Up to 50 W of output power as compact tabletop device
- Storage for own treatment parameters
- Integrated treatment assistants

One device for many applications

- **ENT**
  Tonsillectomy & tonsillotomy, epistaxis, LAUP, septum deviation, hyperplasia of nasal concha, nasal polyps, paranasal sinus surgery, etc.
- **Dermatology**
  Vein treatments (e.g. varices, telangiectasia), haemangioma, condylomata, spider naevi, etc.
- **Proctology**
  Hemorrhoids, anal fistula, pilonidal cysts, etc.

- **Urology**
  Tumor ablation, enucleation, incisions (e.g. of bladder neck), strictures, stenosis, condylomata, etc.
- **Neurosurgery**
  PLDD (disc decompression), spinal tumors, etc.
- **Gynaecology**
  Laparoscopic surgery, placenta coagulation, etc.
- **General Surgery & Dentistry**
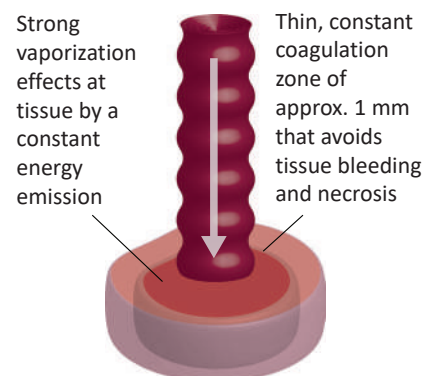 Coagulation, cutting and ablation of tissue

DIOLAS Newton One Entry-level model with 15 W	DIOLAS Newton Pro More output power 30 and 50 W	DIOLAS Newton Duo Dual-wavelength system
810 nm, 980 nm, 1470 nm	810 nm, 980 nm, 1064 nm or 1470 nm	980 nm / 1470 nm Combines all applications in one unit

Smart user interface with storage of individual user name and operating parameters. Operating modes Continuous Wave (CW), Pulsed and special LFD Mode (depending on device configuration). **Audio output.** USB Port for treatment protocol export. **Ready for use with various flexible fiber probes & handpieces.**

Easy handling by design

- **Many applications with one device**
  Offers a smart design for maximum performance and best patient outcome
- **Large True Color Touch Panel**
  All functions and accessories are controlled directly by the laser's display
- **Broad variety of accessories and (combined) wavelengths**
  Can be used with accessories such as VACULAS smoke evacuator
- **Low disposable and maintenance costs**
  Fibers provide quality management for a consistently good patient outcome
- **Long lifetime by high quality components "Made in Germany"**
  Design and manufacturing in Germany, certified by quality standard DIN EN 13485:2016

LFD (Levelled Field Density) modified laser light reduces the coagulation zone of typical 9 - 11 mm (Continuous Wave) to about 1 mm

Strong vaporization effects at tissue by a constant energy emission

Thin, constant coagulation zone of approx. 1 mm that avoids tissue bleeding and necrosis