

DIOLAS

Photon

Compact Diode Laser

Company Profile

Limmer Laser GmbH is a German company, specialising in the design, manufacture and sale of medical lasers and accessories. Our products cover all the major disciplines of human, dental and veterinary medicine. For each discipline a broad range of high quality accessories is available, such as the VACULAS smoke evacuator. The product range includes CO₂ Lasers, Diode Lasers and Specialty Lasers.

Instead of simply focusing on separate devices, our philosophy is to create multipurpose, integrated and highly functional work stations. Working with our many loyal customers all over the world, and our established network of suppliers and distributors, we will continue to provide innovative solutions for modern medicine far into the future.

We have a strong emphasis on research and development, production, service and training. Working in conjunction with hospitals and physicians is just as important as good communication. Product quality is our No. 1 priority: Our company is certified to the stringent European Quality Standard EN ISO 13485:2003+AC:2009.



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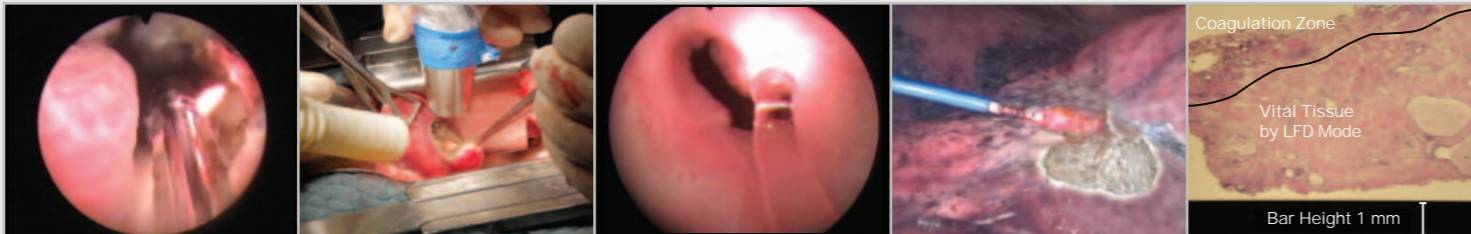
The Latest Laser Generation
Compact, Powerful and Interdisciplinary



DIOLAS Photon

One device for many applications

- **World's first compact laser with LFD (Levelled Field Density) Mode¹** for clearly reduced collateral damage during treatment
- **Large 10,4" True Color Touch Panel** for easy and intuitive use
- **Compact, lightweight and easy to carry** for high mobility
- **Multi-user system** for infinite storage of individual user programs
- **Interactive assistant program** for easy selection of treatment parameters
- **Enhanced fibers and handpieces** for more control during laser treatments

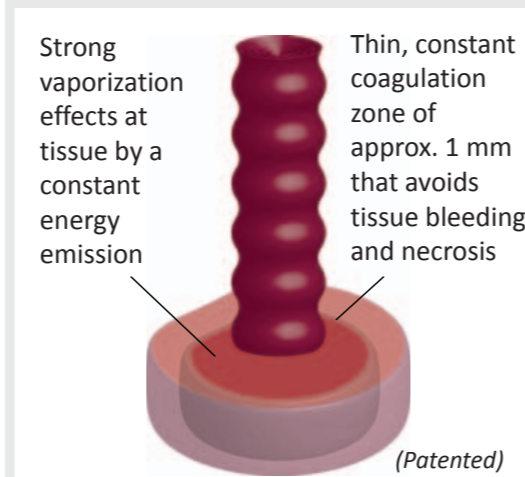


DIOLAS Photon One Cost-effective entry-level model	DIOLAS Photon Pro High-power advanced model	DIOLAS Photon Duo Powerful dual-wavelength model
Available with:	Available with:	Available with a combination of:
<ul style="list-style-type: none"> • 15 Watt @ 980 nm • 20 Watt @ 980 nm • 20 Watt @ 1.500 nm (LFD Mode) 	<ul style="list-style-type: none"> • 30 Watt @ 980 nm • 50 Watt @ 980 nm • 30 Watt @ 1.500 nm (LFD Mode) • 50 Watt @ 1.500 nm (LFD Mode) 	<ul style="list-style-type: none"> • 30 Watt @ 980 nm • 20 Watt @ 1.500 nm (LFD Mode)

Superior handling by design

- **As versatile as no other laser**
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 linked to accessories such as the VACULAS smoke evacuator
- **Low disposable and maintenance costs**
Fibers provide quality management for a consistently good treatment
- **Long lifetime by highest product quality**
Made in Germany according to the highest quality standards (DIN EN 13485:2003+AC:2009) for a long lifetime

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



DIOLAS Photon uses powerful state-of-the-art laser technology

- **ENT**
Tonsillectomy & tonsillotomy, epistaxis, septum deviation, LAUP, hyperplasia of nasal concha, nasal polyps, paranasal sinus surgery, etc.
- **Thoracic Surgery & Pneumology**
Open and minimally invasive surgery of lung parenchyma, e.g. metastases removal
- **Dermatology**
Varicose veins, telangiectasia, haemangioma, condylomata, spider naevi, pigment lesions, etc.
- **Proctology**
Hemorrhoids, anal fistula, pilonidal cysts, etc.
- **Gynaecology**
Laparoscopic surgery, laser coagulation of the placenta, condylomata, endometrium ablation, etc.
- **Urology**
Partial nephrectomy, tumor ablation, incisions of the prostate, strictures, stenosis, condylomata, etc.
- **General Surgery**
Coagulation, cutting or ablation of tissue
- **Neurosurgery**
Spinal tumors, cephalic surgery, etc.
- **Dentistry**
Implantology, parodontology, bleaching, etc.

The laser device is fully controlled by its large touch screen. An integrated, smart user assistant allows the quick & easy selection of the right treatment parameters for every medical discipline.

Further device features:
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.**