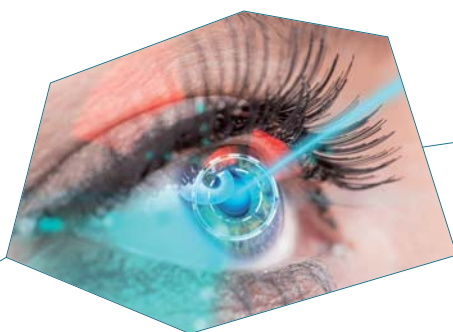


# Light for Life: Laser Power for Medical Technology

Fully equipped diode lasers | Functional design | Secure operation



Beam Shaping Excellence

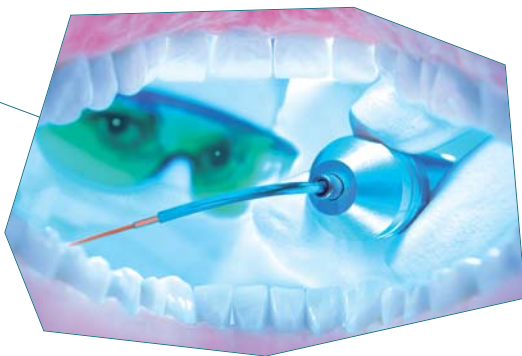
# Lasers in action: Cutting-edge technology for demanding applications

Today, laser technology is part of everyday medical practice. LIMO's fully equipped diode laser modules are the perfect answer to the needs of a wide range of laser applications. Our high-quality and extremely reliable products can deliver all wavelength / power combinations commonly used for dental, dermal, surgical and urology treatments.

## Performance requirements

Functional design, safety and superior reliability are some of the most important attributes when it comes to medical products. LIMO uses innovative technology to meet these market demands and, in doing so, provides excellent cost-efficiency for equipment manufacturers, as well as optimal results for users and their patients.

<b>Functional design</b>	<b>Hygiene and safety</b>	<b>Service life</b>	<b>Operational performance</b>
Small housing footprint	Hermetically sealed housing	Guaranteed diode lifetime	Visual beam guidance
Lightweight	Potential-free housing	No maintenance necessary	Real-time power control
Portable	Intrinsic safety during operation	"Fiber fuse" protection	Wall-plug efficiency
			<u>Low energy consumption</u>





Monitor diode



Replaceable protective window



Service life  
> 20,000 hours



Fiber detection sensor



Pilot laser



Plug and play

## Top-class quality and performance thanks to optimal device configuration

With over 20 years of experience in the medical industry, LIMO is well-versed in building compact and efficient high-performance diode lasers. Replaceable protective windows, monitor diodes for tracking optical output power, a fiber detection sensor to ensure high safety standards, and a pilot laser for reliable beam guidance are all part of the LIMO standard equipment package. The numerous benefits offered by LIMO diode lasers have been proven to lower the cost of developing, producing and maintaining medical devices.

### Your benefits with LIMO

- Low integration cost and quick commissioning
- Long service life with no maintenance requirements
- Compact design that comes fully equipped
- Quick and hassle-free adaptation to meet customer-specific needs



# LIMO

A Focuslight Company

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