

Medical Laser Module.

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Lumics GmbH, Berlin, delivers the first modules of a newly developed medical laser. The Med-Laser has wavelengths of 808nm, and 980 nm with a maximum output power of 10W at the fiber end. Higher output power levels are under development and scheduled soon to come to the market. The Med-Laser does have applications in dentistry, dermatology veterinary and wellness.

The Med-laser is equipped with all sensors needed, like thermistor, monitor-photo-diodes, fiber sensors and a red pilot beam as required by governmental law. Even US-FDH requirements are fulfilled. The fiber patch cord itself is exchangeable by the user; the medical doctor.

The compact design and the easy electrical supply including sensor read-out are ideally suited for narrow and space limited systems as well as portable units. The whole design is epoxy-free and due to single emitter diode laser technology Lumics guarantees a lifetime of MTTF >40.000h. The Med-Laser is priced very attractive for OEM quantities and manufactured in Berlin by Lumics.

