

THE MULTIDISCIPLINARY SURGICAL LASER



Diode Laser Technology for advanced medical procedures

RAPIDO MED is a multidisciplinary medical laser, an ideal alternative to conventional surgical methods, which provides less contact with soft tissues and fast post-operative healing.

Thanks to the peak interaction with hemoglobin, water and pigmented proteins (chromophores), RAPIDO MED offers rapid and precise ablation with immediate coagulation and reduction of bacteria in the site, avoiding unwanted side effects. Reliable and high-quality diode laser devices in terms of efficiency, precision and safety for multiple medical fields.

- ✓ **PORTABLE UNIT WITH WIRELESS PEDAL**
- ✓ **INTUITIVE SOFTWARE**
- ✓ **SELECTIVE ACTION ON TISSUE**
- ✓ **LESS THERMAL EFFECT**
- ✓ **AUTOCLAVABLE CANNULAS**
- ✓ **FLEXIBLE AND THIN OPTICAL FIBER**

Medency is constantly up-to-date on the latest clinical findings and focused on developing breakthrough laser technology to increase the reliability of the clinic and patients' experience.

**Designed, Engineered and Manufactured in Italy.
With passion and commitment.**



Phlebology



Gynaecology



Proctology



MORE VALUE FOR YOUR PROFESSION

A COMPLETELY NEW PRACTICE EXPERIENCE

Medency's design concept is based on extreme functionality while maintaining the modern and ergonomic lines of the objects.

IT'S YOUR BUSINESS, MAKE THE RIGHT CHOICE.

- Great value for your job and your practice.
- Portable unit working with battery and wireless pedal
- Great view large icons and wide buttons
- Extremely intuitive software
- Master Mode modality for expert users
- Settings adaptable to all types of tissue
- Direct Power Control from the main screen
- More than 25 built-in preset protocols
- Ergonomic and attractive design
- Flexible fiber and versatile accessories



Spinal Surgery

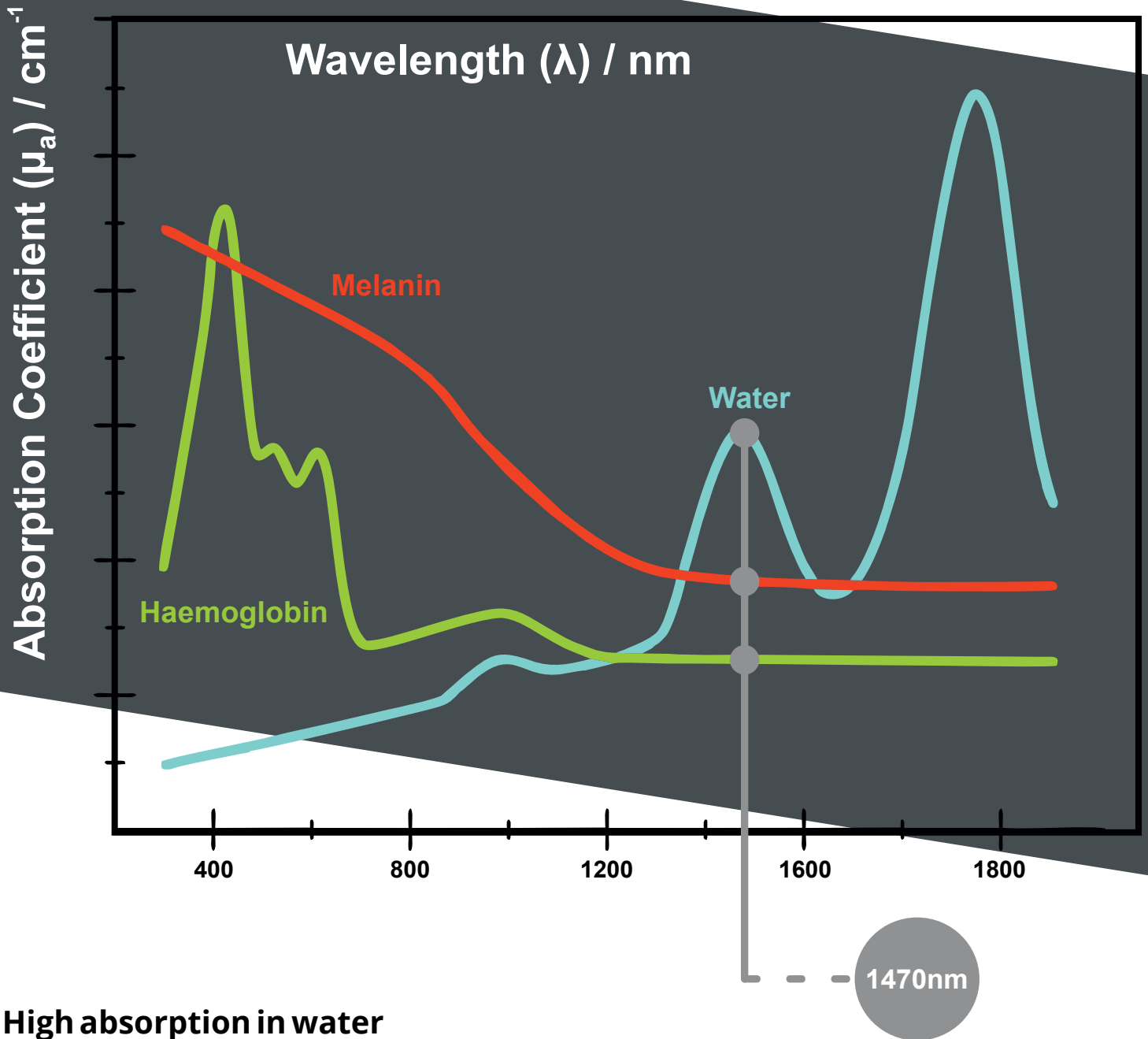


Microsurgery



Plastic Surgery

SAFE ACTION AND FAST RESULTS. IT'S THE LASER LIGHT!



High absorption in water

- Surgery quality improved
- Less time of operation
- No increase of local temperature
- NO PAIN after surgery

Less interaction with hemoglobin

- Reduced coagulation effect
- No risk of local necrosis

Clinical note:

Due to the water absorption peak around 1400 nm, many applications requiring heating around the water peak rely are based on the 1470 nm wavelength. It is a high-power laser that offers superior performance and reliability. It has an efficient heat dissipation system, making it ideal for some medical applications.

1470nm is the preferred wavelength for many applications requiring constant high-power radiation in the shortwave infrared spectrum. Reducing the amount of power needed makes Rapido Med much safer and a predictable tool for the doctor, while offering patients a faster and more comfortable recovery.

A LONG LIST OF TREATMENTS IN A SINGLE DEVICE



EVLT

Several studies and scientific research confirm that the use of the 1470 nm diode laser for the endovenous laser treatment of varicose veins in the great saphenous is safe and highly effective with a high level of effectiveness for the resolution of venous reflux in incompetent superficial veins. The lower energy level needed using radial laser fiber minimized adverse effects significantly compared to bare laser fiber.



PROCTOLOGY

In proctology, diode laser therapy represents an effective ablation method, avoiding bleeding and associated complications and reducing the post-operative pain that characterizes surgical resection, without sacrificing the aesthetic result. Rapido Podia meets the latest requirements of proctology applications such as the closure of perianal fistula, sacrococcygeal and endoscopic coagulation of hemorrhoids and their peduncles as well as pilonidal sinus.



PLDD

The Percutaneous Laser Disc Decompression is a minimally invasive, safe, time-effective technique that can be performed on a total outpatient basis. Rapido Med is the most advanced laser in the treatment of disc herniation with optimal water absorption, less aggressive in the surrounding tissues, preserving the end plate and the vertebral body from possible damage.



MICRO-SURGERY

The use of diode laser in surgery confers numerous additional advantages over traditional techniques, including reduced bleeding during and after surgery, tidier wound sites, and faster healing. The diode laser cauterizes while cutting and only a few dissolvable stitches are needed to hold the tissue in place after surgery. These procedures reduce the invasiveness and duration of surgery, morbidity, damage to surrounding tissues and provide faster recovery for patients with a lower incidence of complications. In some cases, outpatient operations under local anesthesia can lead to significant savings compared to those in the operating room.

MORE THAN 25 PRESET APPLICATIONS

Diode lasers have established themselves as versatile instruments for providing effective tissue cutting while limiting damage to surrounding tissues, decreasing postoperative morbidity, accelerating recovery times, and shortening the time to return to function. Safely and minimally invasive.

Rapido Med 1470nm 8W is the latest generation diode laser device that produces a powerful beam of light capable of interacting with different components of soft tissues.

WIDE RANGE OF ACCESSORIES

DUAL LUER LOCK HANDPIECE FOR PROCTOLOGY

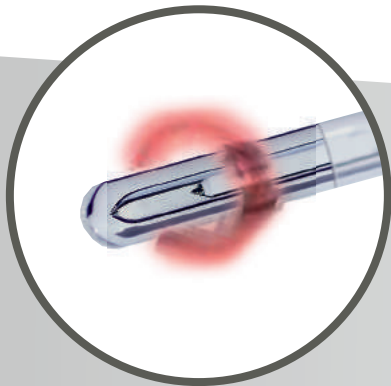


Sleek autoclavable optical fiber handpiece used to gently guide the laser beam and allow the surgeon to precisely target the tissue to be treated. For the minimally invasive treatment of hemorrhoids

MULTIUSE HANDPIECE



Versatile and ergonomic handpiece for all reusable optical fibers. Resistant to maintain effective control cutting and prevent wear. Its fit is perfect to deal with different cutting conditions in a less invasive way than traditional methods. These features allow Specialists to avoid the risk of tip breakage during operation or sterilization cycles.



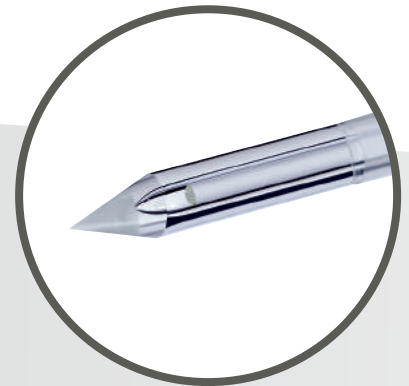
Sterile Disposable - Radial Fiber Phlebology

The fiber's 360° laser light output ensures smooth, gentle and well- controlled laser energy delivery to the target tissue. The optimized fiber tip design ensures safety and durability. The optical fiber is marked to facilitate placement into the target tissue.



Sterile Disposable - Surgery Fiber Micro surgery - PLDD

This fiber is specially designed to obtain the exact dosage of energy and improve the transillumination of the aiming beam during operation. It ensures smooth, gentle and well-controlled laser energy delivery to the target tissue for cutting, coagulating, or vaporizing in any soft tissue application. The optimized fiber tip design ensures safety and durability.



Sterile Disposable - Surgery Fiber Proctology

Ideal for the definitive treatment of 3rd and 4th degree hemorrhoids, a minimally invasive surgical technique which involves cauterizing, by direct laser contact in the submucosal plane, of the internal hemorrhoidal plexuses in order to reduce their blood flow. The laser energy allows shrinkage and fibrotization while preserving the anoderm and mucous membrane, allowing the restoration of the natural anatomical structure.



ALL YOU NEED AT YOUR FINGERTIPS

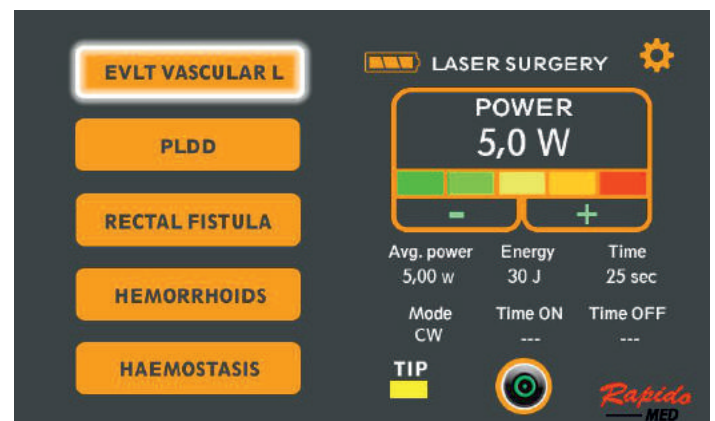
RAPIDO MED offers a wide range of safe and proven preset parameters to experience the best all-in-one diode laser for everyday practice.

- wide touchscreen built for quick interaction
- one-touch selection for easy activation
- intuitive color bar for quick power detection
- fast adjustment of power settings
- quick access to favorite treatments

No matter your level of expertise, from beginner to advanced user, RAPIDO MED is the ideal device for all dentists.

MASTER MODE

The laser unit features the **Master Mode** software for the best clinical breakthrough which gives the users the possibility to adjust all parameters.



A COMPLETE DEVICE FOR ALL OPERATORY

Portability with a lithium-ion battery allowing complete freedom to use the device in any room. Automatic foot pedal connection, available both cordless and with cable.



WORLD-CLASS EDUCATION

The range of applications using diode laser continues to grow, in all fields of medicine.

Through science and operational-based educational training, laser treatment can be easily applied.

Medency provides laser certification with the support of the best world-class Academies and Universities in the field.

Increase the confidence with new technologies, establish your modern facilities.

RAPIDO Surgical Laser System



Code	LADER005.2
Wavelength / power	1470nm @8W
Frequency	Up to 25 kHz
Pulse mode	Continuous - Multiple pulse
Pulse range	20µs up to 2s
Medical /Laser class	IIB / 4
Dimensions/ Weight	205x130x50mm

Medency RAPIDO is a medical device with CE trademark. In accordance with current EEC Directives for Medical Device, all Medency products are MADE IN ITALY.



MEDENCY Srl Vicenza Italy

Tel +39 0444 371462

info@medency.com | www.medency.com



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medency.com

