

UNLIMITED POSSIBILITIES IN A SMART DESIGN



 **TRIPLO**



MULTI-WAVE DIODE LASER FOR DENTAL SURGERY AND THERAPY

TRIPLO combines the properties of blue, red and infrared laser light providing a new clinical experience for the Specialist and their patients. The intuitive software with more than 30 pre-set treatments and the wide range of accessories available allow a quick start of operation and an easy control of procedure.

- ◇ Superior cutting results
- ◇ Less thermal effect
- ◇ Kill harmful bacteria
- ◇ Portable unit with wireless pedal
- ◇ Intuitive software
- ◇ Flexible fiber and reusable tips

Medency is constantly up-to-date on the latest clinical news and scientific findings with the aim to increase the reliability of the studio and patients' experience.



The concept of Medency design is based on extreme functionality keeping the modern and ergonomic lines of the objects.

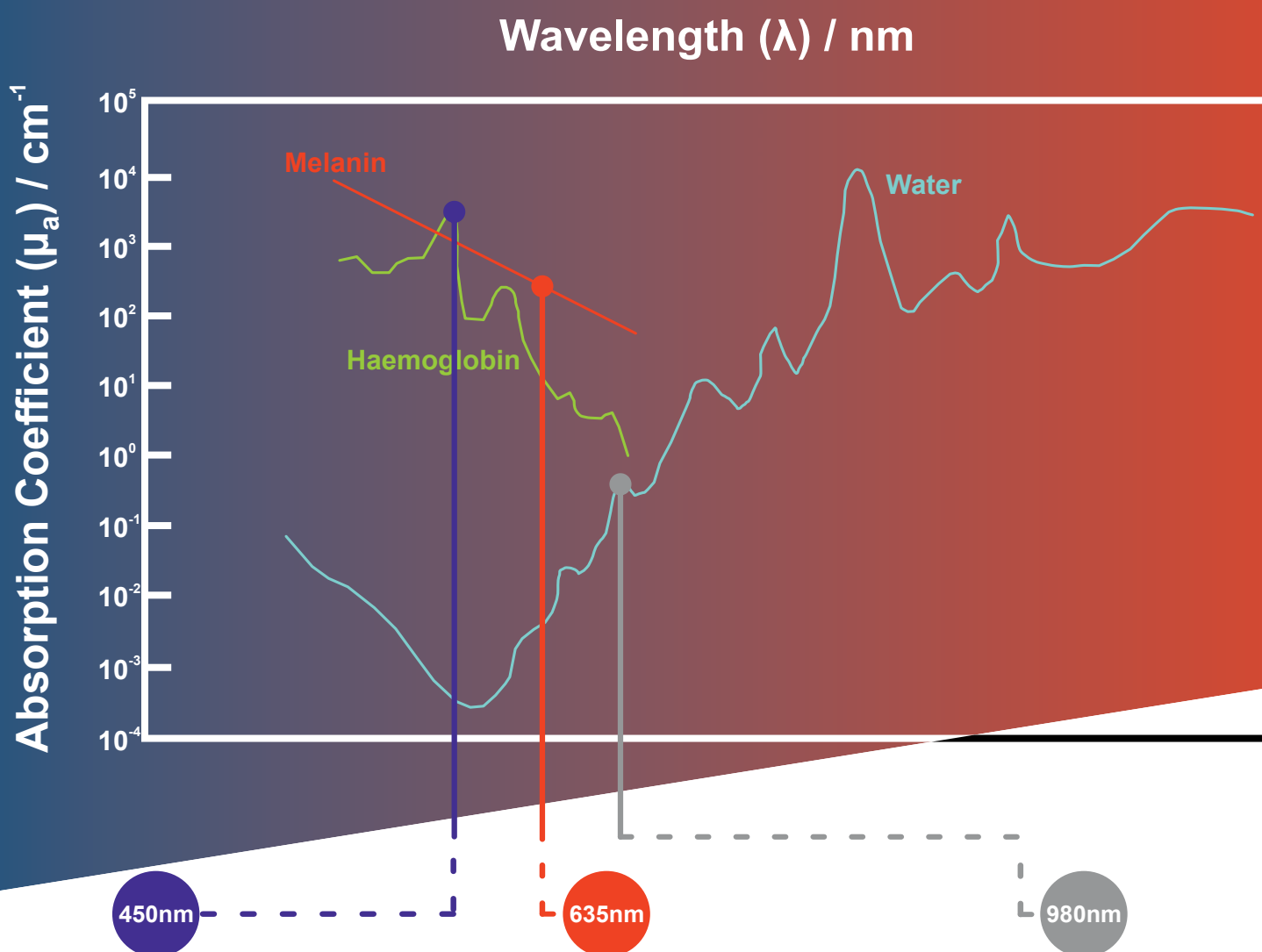
IT'S YOUR BUSINESS, MAKE THE RIGHT CHOICE.

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
- Adaptable setting for all types of tissue
- Direct Power Control from the main screen
- More than 30 built-in pre-set protocols
- Exclusive procedures in Surgery, Implantology and Cosmetics
- Flexible fiber, optical tips and versatile accessories



NEW HORIZONS TO EXPLORE, A NEW CHALLENGE FOR THE SPECIALIST



The blue laser (450nm) interacts at maximum levels with hemoglobin inside the tissue, thus, it's highly indicated to provide **excellent surgery** procedures with **superior hemostatic effects** and less power applied to the tissue.

The red laser (635/650nm) is one of the most investigated laser source for **healing** of the site and **therapy** applications. The selective absorption of thermal laser light triggers a fundamental process called **photobiomodulation**. The photobiomodulation leads to three fundamental effects: tissue regeneration, inflammatory action modulation and analgesic effect.

Due to its great affinity with laser and hemoglobin, the infrared laser (980nm) penetrates deeply inside the biological tissue. Highly recommended to reduce and kill harmful bacteria during **periodontics** or others **selective procedures**.

From Surgery to Periodontics, Triplo Dental Laser is the perfect assistant for your daily practice.

The device offers preset parameters expertly combined with the specific wavelength to ensure superior results with maximum safety and immediate results.

All the attention of the professional to the patient, thus avoiding setting errors and operational delays, focusing only on the clinic part.

The best way to ensure safe treatment for your patients, a comfortable healing and a totally personal experience.

The 450nm blue laser is the ideal wavelength to achieve effective surgery, smooth cut without charring effects.



SURGERY

Gingival incision and excision, incision and drainage of abscess, Epulis, Fibroma, Frenectomy, Granuloma, gingival troughing for crown impressions, Oral papillectomies, Mucocele, Exposure of unerupted teeth.



IMPLANTOLOGY

- Peri-implantitis decontamination
- Post-extraction site decontamination
- Implants uncovering
- Reduction of gingival hypertrophy

The Infrared laser 980nm wavelength with its high penetration is minimally absorbed by water and more by hemoglobin. The most deep decontamination to achieve significant results.



ENDODONTICS

Reduction of bacterial level (decontamination) in root canal, Pulpotomy as an adjunct to root canal therapy, Pulp capping.



PERIODONTICS

Sulcular debridement, active removal of diseased and infected soft tissue within the periodontal pocket, decontamination of gingival pocket, improve gingival bleeding index and tooth stability.



COSMETICS

Fast activation for all bleaching materials for teeth whitening, Depigmentation, Haemangioma, Gummy Smile, Skin bioregeneration, Lips & Peri-oral aesthetics rejuvenation.



THERAPY

TMJ - temporary relief of joint pain and stiffness, pain management (pain relief, analgesia, pain control), minor arthritis pain, muscle spasm, analgesia, canker sores, fissures, ulcers, desensitization, leukoplakia. Topical heating for the purpose of increasing tissue temperature for a temporary muscle pain relief.

Red 635 laser is applied to provide biostimulation and oxygenation of tissue, with a consequent increase in the activity of fibroblasts, peripheral vasodilation and NO production.



PHOTODYNAMIC THERAPY (PDT)

Removal of highly inflamed edematous tissue affected by bacteria. Antimicrobial extensive therapy (in adjunct to photosensitizing agent).

DISCOVER THE BENEFITS OF LASER DENTISTRY

Laser dentistry offers several advantages over traditional dental techniques. Many patients experience less discomfort with laser dentistry, both because there is less pain and also because dental lasers operate more quietly than other tools. Some procedures can be performed without anaesthesia.

THE CLINICAL ADVANTAGES AT A GLANCE

- **Remove and shape gum tissue** with no bleeding, swelling or infections.
- **Laser teeth whitening** speeds up the process during teeth-bleaching sessions.
- **Eliminate bacteria** and regenerate pockets affected by periodontal disease
- **Reduce pain** associated with canker sores and other oral lesions
- **Regenerate** healthy tissue, nerves, and scars
- **Mandibular Joint therapy** to reduce pain and inflammation in the joint.
- **Pediatric Dentistry** tongue-tied release for speech and feeding improvements
- **Cosmetic procedures** for a complete Smile Makeovers

**BETTER CARE
HERE, NOW!**





ALL YOU NEED AT YOUR FINGERTIPS

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

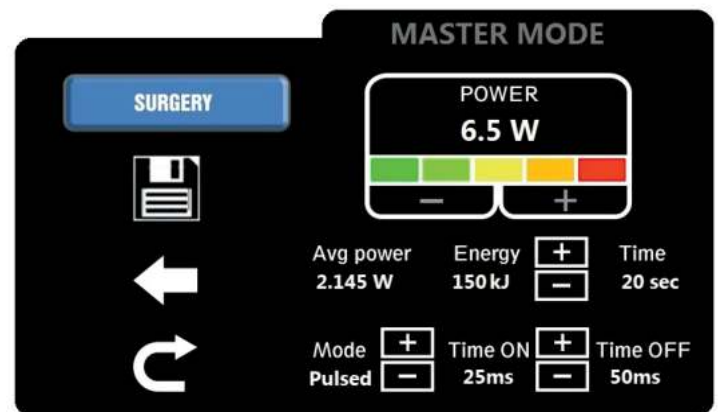
- wide touchscreen built for quick interaction
- one-touch selection for easy activation
- intuitive color bar for quick power detection
- fast adjustment of power settings
- quick access to favorite treatments

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

MASTER MODE

This laser device features the **Master Mode** software for the best clinical breakthrough.

TRIPLO is a highly versatile and productive instrument which gives the most expert user 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.



SLEEK AUTOCLAVABLE HANDPIECE



ENDODONTICS

Optical Tip 200µm

The ENDODONTICS TIPS are developed to be extremely flexible and with specific length to reach the most difficult areas within the root canal.

SURGERY

Optical Tip 300µm

The SURGERY TIPS with Triplo Laser are resistant to maintain effective control during cutting. Their fit is perfect to deal with different cutting conditions in a less invasive way than traditional methods. This features allow the Specialists to avoid the risk of tip breakage during operation or sterilization cycles.

PERIODONTICS

Optical Tip 400µm

The PERIODONTICS TIPS have extraordinary elasticity and resistance to be used inside the gingival pocket and decrease the presence of bacteria and virus. Laser decontamination provides superlative results especially when compared to traditional methods.

Optical Tip 400µm RADIAL

The perfect tool for treating peri-implantitis with mechanical debridement combined with frontal and lateral laser decontamination. The easiest way to either cure peri-implantitis and strengthen the hard peri-implantary tissue.

WIDE RANGE OF ACCESSORIES

EXTRA-ORAL THERAPY



The BELL handpiece is an extra-oral accessory to use in contact with the tissue. It is suitable to treat all post-op. inflammations and associated pain and it is an effective solution for temporomandibular disorders (TMJ). The beam spot diameter is 22mm.

INTRA-ORAL THERAPY



The BIO handpiece is an intra-oral accessory developed to provide laser therapy even in the more distal areas of the mouth. The features of the tool allow it to be a versatile solution for biostimulation, wound healing, PDT applications and trigger points.

WHITENING AND COSMETICS



The WHITENING handpiece is mainly dedicated to bleaching procedures. The wide arch allows to fully cover each quadrant of the mouth, providing the best delivery of laser light in the quickest way.

The COSMETIC handpiece is the ideal tool to perform various cosmetic procedures driving the collimated laser beam onto biological tissue with high precision in a micro spot of 0.4 cm².

SMART SOLUTIONS FOR ALL YOUR NEEDS

With a sleek, modern design and easy installation, the Medency's Cart roll can be incorporated into any space with its mobility and perfect height. Equipped with shelves and antistatic castors, the cart thanks to its curved shape can be easily positioned in the immediate vicinity, facilitate the daily work and optimize every type of intervention. And if you need to move your device to another practice you do it with style: lightweight metal flight case with internal layouts will keep the device protect all the time!

Cart Roll and Metal Case

Handpiece Holder

Convenient Shelves

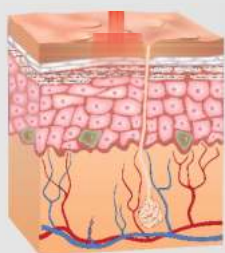
Pedal Rack



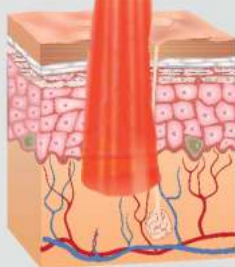
INNOVATING FOR THE FUTURE, REVOLUTIONISING THE PRESENT

Medency laser technology brings professionals closer to the new generation of dentistry linked to a vision of well-being and health. With TRIPLO laser it is possible to get more opportunities also in complementary fields such as therapy and anti-inflammatory, thanks to specific accessories such as the DIRECTO handpiece. The perfect tool to treat all painful conditions such as Headaches, Torticollis (Twisted neck), General arthritis, Sinusitis. Easy to use and very practical as it is not operator-dependent, TRIPLO laser increases the profitability of your practice, generating new revenues and business opportunities with specific and minimally invasive treatments in therapeutic areas.

 **DIRECTO**



Optical density with standard handpieces



Optical density with DIRECTO Handpiece

Wavelength and power are among the essential factors that allow the penetration of a laser light in human tissues. Moreover, the high energy density, the specific biostimulating wavelength and the resulting thermal effect, allow the user to operate with extremely effective treatments.

The Directo handpiece has been developed to deliver a uniform spot obtained from the top-hat beam shaper capable of transmitting energy to a surface of over 1 cm² with homogeneous exposure.

THERE IS NO SUCCESS WITHOUT PROGRESS

Laser dentistry is an ever-growing science. With the support of the best Specialists in the field as well as numerous Universities and International Academies, Medency offers educational programs and courses for operators to become confident with laser application, giving their patients the service they deserve.

Join our community now!

TRIPLO Multi-Wave Dental Laser

ACTIVEDUCATION
ACADEMY

Code
Wavelength /
Power

LAMED009.3
450nm / 3W
650nm / 200mW
980nm / 10W

Frequency
Pulse mode
Pulse range

Up to 25 kHz
Continuous-Multiple pulse
20µs up to 1s

Medical / Laser class
Dimensions / Weight

IIB / 4
205x130x50mm / 1.5kg

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

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