PIOON

UTU Dental Laser

NEW BREAKTHROUGH

405nm + 450nm + 650nm + 980nm



405nm

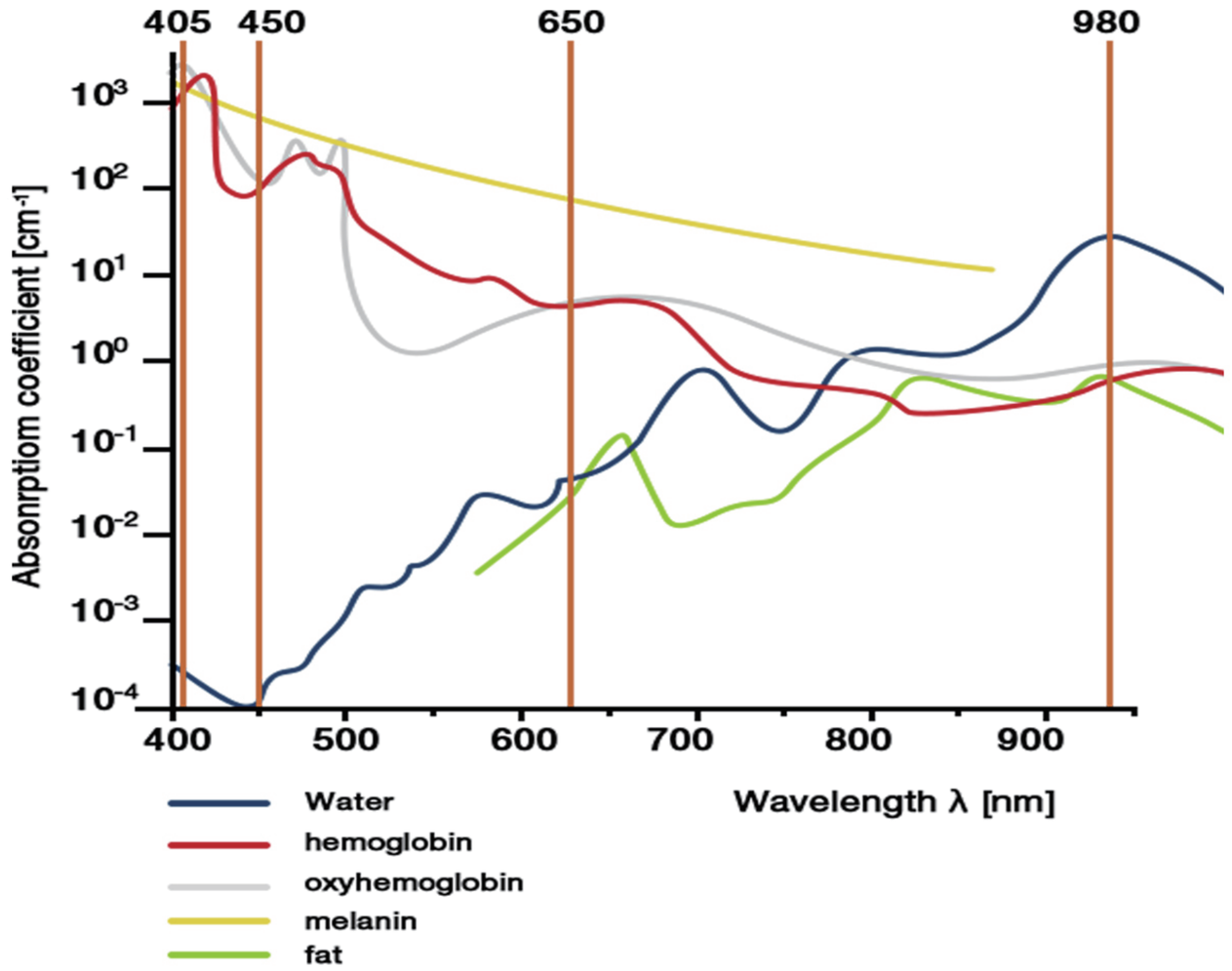
405nm is primarily effective for disinfection and sterilization in dental procedures, such as treating periodontal disease, endodontic infections, and sterilizing cavities before fillings.

650mm

650nm laser is particularly effective in low-level laser therapy (LLLT), which is utilized to accelerate healing processes, alleviate inflammation, and manage both chronic and acute pain.

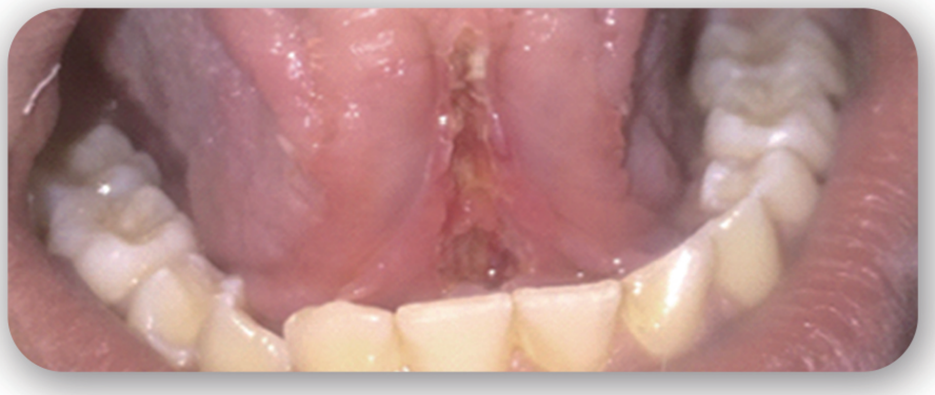
450nm

450nm blue laser excels in soft tissue cutting mainly due to its high absorption by hemoglobin, reduces bleeding during surgery, and minimizes thermal damage to surrounding tissues.

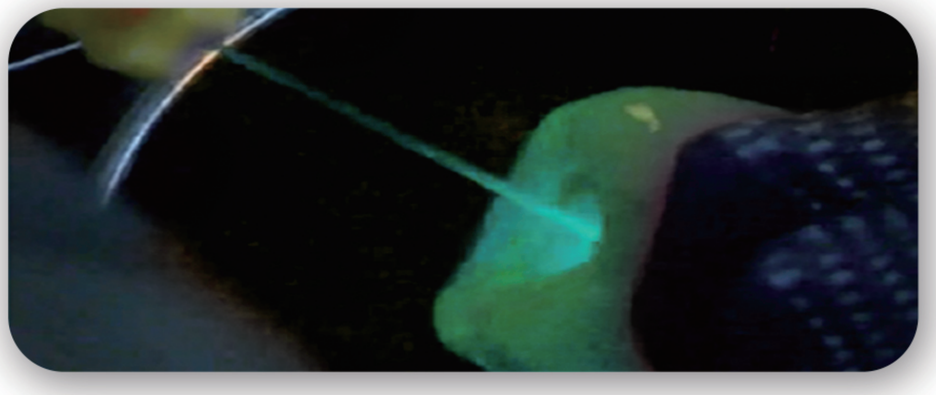


980nm/810nm

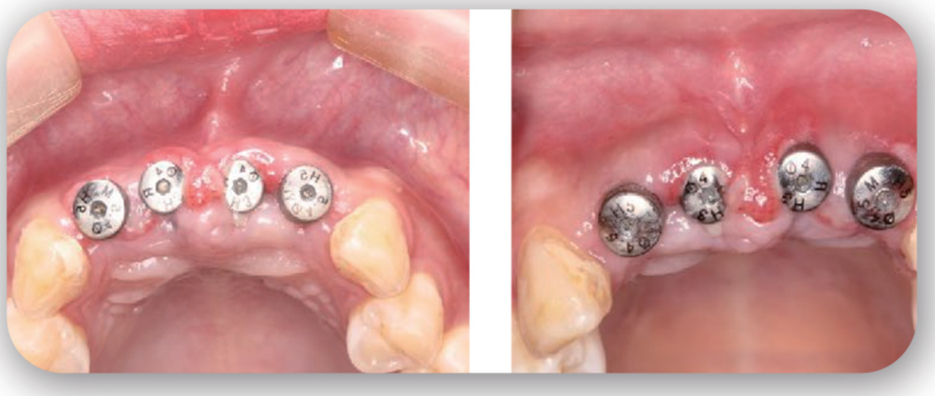
As the most common, classic and popular dental laser, 980nm is widely used in oral soft tissue cutting, hemostasis, comfort-focused laser therapy, pain relief and sterilization.



Frenectomy
450nm pulse 1w average power



Root canal disinfection
980nm pulse 0.5w average power



Peri-implantitis
980nm CW 1w



Aphthous Ulcers
980nm CW 1w



Fibroma
450nm pulsed 0.8w average power



Gingival Depigmentation
450nm pulsed 1w average power

The Best Tech at Your Fingertips



High-Stability Battery

Our products are equipped with high-performance batteries from Sanyo, a renowned Japanese manufacturer, with a capacity of 3600mAh x 4, ensuring reliable and long-lasting power.

Fully Independent R&D Software

Unrestricted by third-party software, our R&D team continuously optimizes and updates software functionalities based on customer feedback and needs.

Professional Medical Style Design

Utu interface features a professional medical style that is clear, intuitive, and easy to understand, enhancing the product's professional image and helps doctors quickly master its operation, boosting work efficiency.

Efficient Intelligent System

Self-developed intelligent software boasts exceptional sensitivity and responsiveness, ensuring every operation is quick and smooth.

520nm Green Indicator

Green light has good contrast in many biological tissues, making the surgical area clearer and helping dentists operate more precisely.

Sensor-Equipped Handpiece Design

Instantly illuminates and activates upon lifting, ensuring energy efficiency and ultimate convenience.

ACCESSORIES

Maximize Product Utility with a Wealth of Accessories



Multi-functional handpiece

Equipped with a professional medical-grade optical transmission system, it ensures the long-term reliability and continuous operation of your laser machine.



TMJ tip

Relieve the pain in Temporomandibular Joint Dysfunction Syndrome(TMD)



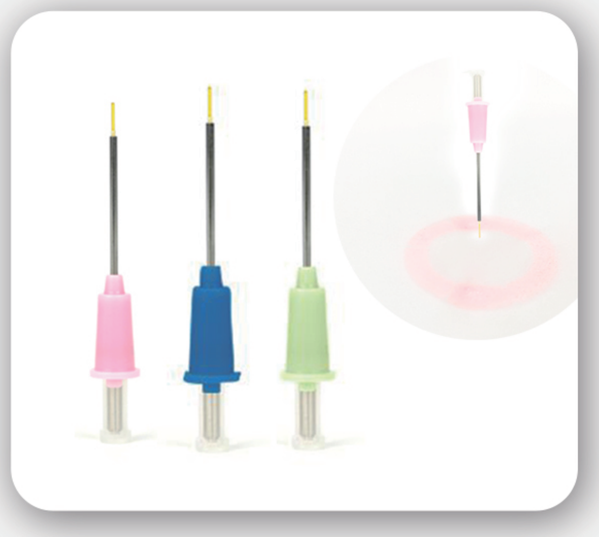
Whitening tip

Designed for uniform and comfortable whitening of an entire section of teeth.



Biostimulation tip

Used for wound treatment, accelerating wound healing, preventing infection, and relieving pain.



Disposable Fiber Tips 200μm/300μm/400μm Radial tip

Available in various diameters and lengths, suitable for soft tissue surgery, periodontology, Endodontics, etc. Radial tip is optional.



Protective goggles

Laser safety goggles for medical lasers.
（OD5+）CE



Bluetooth footswitch

An IPX 8 waterproof footswitch, tested for 500000 cycles, supports wired and wireless Bluetooth connectivity



Bare fiber

Bare Fibers (200μm/300μm/400μm) Length: 3m



Fiber stripper Fiber cutter

Care Package

Pioon puts a one-stop solution for a wide range of services and comprehensive support at your disposal.

Professional Medical Textbooks

Collected by authoritative medical textbooks and journals in Europe

Original Developed and Researched

We meticulously design innovative medical laser products to precisely cater to the individual needs of every customer.

All Countries Coverage

ISO 13485, CE0123, FDA ensure our legality and compliance across all countries

Care Package supported by

Pioon core team has over 25 years of R&D and manufacturing experience in the field of medical lasers

The Department of Laws and Regulations assists customer in coordinating the registration and certification of equipment in different countries and regions.

The strong R&D department is committed to continuous innovation, launching new products and achieving technological breakthroughs every year.

Independently manufacture all types medical laser equipment and corresponding accessories

Conduct comprehensive quality monitoring and testing of equipment, including production process monitoring, and final product inspection.

The Marketing Department helps customers design and execute marketing campaigns to maintain a competitive advantage



Educational Training

Pioon Training collaborates with leading medical laser experts and associations.



Technical Support

Always ready to provide you with comprehensive technical and clinical-level support for fulfilling your various demands.



Marketing Support

Customized promotional materials, targeted advert-ising placements, business event planning...



After-Sales Service

* 3 years warranty for equipment. 1 year for accessories
* Regular on-site maintenance and inspection
* 24-hour customer service

Specification



Laser Wavelength	405 ± 20nm : Pmax= 500mW 450 ± 20nm : Pmax= 7W 650 ± 20nm : Pmax= 500mW 980 ± 20nm / 810 ± 20nm : Pmax= 12W
Dispaly	7-inch color touch-screen;1920 x 1200 pixels
Aming Beam	520nm ≤ 2mW, green indicator
Operation Modes	Continuous Wave (CW) / Pulsed / Super-Pulsed Mode
Weight （without case)	2.6kg

FDA CE 0123

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