K-LASER
DYNAMIC THERAPY

CUBE
The intuitive K-Laser software works with treatments made up of several phases, offering the possibility to modify the various parameters of operation, as well as time, frequency and power during each single therapy.

**K-LASER THERAPY IS SYNONYMOUS OF DYNAMIC THERAPY**

The parameters set in the new K-Laser Cube series can be easily recognized by the type of pulse emitted (CW modality, pulsed modality at 50% with modulated frequencies, ISP Intense Superpulsed modality), each with a different tissue response. The effects of laser therapy have been studied in depth, and have determined:

- the amount of energy delivered in relation to the end result;
- the effects of laser therapy at different tissues depths;
- the effects of laser therapy considering penetration depth, appropriate modality of application and tissue type to be treated.

---

**DIFFERENT TYPES OF TISSUES RESPOND TO DIFFERENT MODULATION PARAMETERS**

K-Laser Cube helps determine the perfect dosage of energy, considering every possible variant, thanks to its graphically intuitive menu.

The greater power plays an important role in delivering an effective laser therapy.

**CUBE THERAPY REDEFINED FOR EACH TYPE OF PATIENT**

With K-Laser Cube, precise and personalized treatments can be set based on each patient’s perceived level of pain.

**TYPE OF PAIN: CHRONIC AND ACUTE**

In addition to the body type and the tissue type, K-Laser Cube considers another determining factor: the melanin content of the skin. Thanks to an innovative software, K-Laser Cube recognizes six different skin types, in relation to each variant of the preset protocols.

**THE IMPORTANCE OF MELANIN IN THE BODY**

The effects of laser therapy have been studied in depth, and have determined:

- the amount of energy delivered in relation to the end result;
- the effects of laser therapy at different tissues depths;
- the effects of laser therapy considering penetration depth, appropriate modality of application and tissue type to be treated.

**DYNAMIC PROGRAMS**

Each K-Laser Cube protocol uses a dynamic setting of parameters to treat every type of tissue in an optimal way.
K-LASER

CUSTOM DYNAMIC THERAPY

K-LASER

FIELDS OF APPLICATION

The most recent literature has shown that K-Laser Therapy has significant, positive, biological effects, given the great amount of energy delivered in depth, improving the regeneration process of the cells and accelerating tissue repair.

Acute and Chronic Pain Management
Sports Medicine
Traumatology
Physiotherapy and Rehabilitation
Post Surgical Therapy
Podiatry and Dermatology
Stomatology and Oral Pathology
Therapy of soft tissue lesions:
  › Wounds
  › Bed sores
  › Ulcers
  › Diabetic ulcers
  › Mucositis

K-LASER

BIOLOGICAL EFFECTS

Anti-inflammatory and analgesic
Speeds up metabolic processes
Enhanced vascular activity
Immune-regulation
Improvement of nerve function
Faster repair of damaged tissues
(wounds, bed sores, ulcers, diabetic ulcers, and mucositis).
**K-LASER TECHNOLOGY**

**4 WAVELENGTHS**

**K-LASER CUBE** is the world’s most innovative laser therapy: it includes the optimal range of wavelengths, delivering up to 15 different combinations.

- **970 nm**: This wavelength is principally absorbed by the water in our organism and all of the energy transmitted by the laser therapy is converted into heat. The deep strata of tissue become true localized hot spots, which create temperature gradients at the cellular level that stimulate local micro-circulation due to the greater supply of oxygen.

- **905 nm**: Oxygen is released at varying rates from the blood stream, and the quicker this happens, the greater the supply of nutrients and oxygen. The cell will require to carry out all of its natural healing processes. This wavelength is absorbed in part by hemoglobin, water, melanin and the cytochrome C oxidase. The more this wavelength is absorbed, the greater the quantity of oxygen available to the cells.

- **800 nm**: The terminal enzyme in the respiratory chain is the cytochrome C oxidase, which determines how efficiently the cell converts molecular oxygen into ATP. The absorption by the enzyme has proven to be at its highest with 800 nm being able to produce a molecule of ATP for each oxidation-reduction cycle. The absorption of the photon speeds up this process, accelerating ATP production.

- **660 nm**: This wavelength is absorbed principally by the melanin in our skin which ensures that a large dose of energy be delivered on the tissue’s surface. Since this laser emission can both inhibit bacterial proliferation and promote cell growth, it is most efficient in wound healing.

---

**ISP TECHNOLOGY**

(***Intense Super Pulse***)

**THE NEED OF A MORE POWERFUL LASER**

The most recent scientific research has proven how important it is that the average power delivered be kept constant, as it is essential to deliver the right amount of energy for a correct laser treatment. For example: some lasers operate in super pulsed modality emitting pulses with very high peak power for short instances (millions or billions of a second), but delivering only a few watts of power overall.

**ISP INTENSE SUPER PULSE**

(***da 1 a 20.000 Hz***)

K-Laser Cube is the only laser which, due to its unique and exceptional ISP MODALITY, allows you to select the right frequency modulation and the average power, even at a super pulsed mode.

One can select the frequency of the pulses, from the lowest (LOW FREQUENCY), for an analgesic treatment, to the highest (HIGH FREQUENCY), for biostimulation, maintaining the setting for the average power independent and adjustable so that the energy delivered be the one suitable for that type of tissue.
The innovative K-Laser Dynamic Therapy has had remarkable results in the fields of Sports Medicine and Traumatology. The faster treatment cycles and the ease of application make K-Laser’s Dynamic Therapy perfectly suitable to treat all the pathological conditions of athletes, bio-stimulating the damaged tissues and providing immediate pain relief.

Treated Pathologies:
- Post Fracture
- Post Trauma
- Ligament injuries
- Tendon Luxation
- Inflammatory Pathologies of the Tendons

Fields of application in Sports:
- TENNIS
- GOLF
- SOCCER
- MOTORCYCLING
- VOLLEYBALL
- BASKET
- SKI
- ATHLETICS
- DANCE
- FOOTBALL
- SCUBA DIVING
- MARTIAL ARTS
- CANOE KAYAK
- RUGBY….and other.
THE K-LASER DYNAMIC THERAPY uses numerous pulsed frequencies to produce a combination of: analgesic, anti-inflammatory, bio-stimulating and antimicrobial effects.

Thanks to this sophisticated technology, K-Laser Cube represents an almost irreplaceable instrument in the daily practice of the Physiotherapist, who can tackle almost any problem in his every day practice.

K-Laser Therapy penetrates deeply into the tissues and accelerates cellular regeneration, by increasing the energy available to the cells.

The cells assimilate nutrients and get rid of waste products faster. As a result of exposure to laser light, the cells of tendons, ligaments and muscles are repaired faster.
K-Laser therapy enhances the production of specific enzymes, that work as oxygen carriers and therefore facilitate the repair and regeneration of damaged cells.

K-Laser therapy significantly increases the formation of new capillaries, speeding up the healing process of damaged tissues, causing the damaged tissue to repair and the wound to reduce in size. Additional benefits include increased angiogenesis, which causes a temporary vasodilation, with an increase in the diameter of blood vessels. Increased blood flow will allow faster healing and reduce the pain.

K-Laser has an anti-edema effect, as it not only causes vasodilation but also stimulates the lymphatic drainage system (draining swollen areas). As a result, there is a reduction of the swelling caused by trauma and/or inflammation.

**K-Laser’s Valuable Protocols for Dynamic Therapy in Physiotherapy and Rehabilitation are Based on the Results of Clinical Studies.**

**Bibliography:**


Feng J et al. Low-power laser irradiation (LPL) promotes VEGF expression and vascular endothelial cell proliferation through the activation of ERK/Sp1 pathway. Cell Signal 2012;24:1161-1175.

**Antinflammatory**

**Analgesic**

**Improved Vascular Activity**

**Bibliography:**


Feng J et al. Low-power laser irradiation (LPL) promotes VEGF expression and vascular endothelial cell proliferation through the activation of ERK/Sp1 pathway. Cell Signal 2012;24:1161-1175.

**K-Laser**

K-Laser therapy has a highly beneficial effect on pain receptors, by increasing the threshold and reducing the transmission of painful stimulus to the brain. Moreover the anti-inflammatory and the anti-edema effect reduce the pain. K-Laser therapy induces the production of endorphins.

The K-Laser “Congestion and edema” Protocol is used to treat painful dysfunctional syndromes of the joints, 2 times a day, for 2 weeks, every other day.

**BioLogical Effects**

**Increased Metabolic Activity**

**Improvement of the Nerve Function**

**Improvement of Soft Tissue Wounds**

For the treatment of soft tissue injuries (mucositis, erythema and ulcers), the K-Laser treatment is used for 4 consecutive days.

**K-Laser’s Protocol “Reduction of pain”** is used for the treatment of nervous injuries (traumatic or iatrogenic paresthesia, dysesthesia and anesthesia), twice a day, for 2 weeks, every other day.

**Treatment of Skin Wounds**

The K-Laser treatment “Soft Tissue Injuries” is used for the treatment of skin wounds such as bed sores and ulcers, 2 times a day, for 2 weeks every other day.

**K-Laser’s Biological Effects**

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**Biography:**


K-LASER THERAPY EFFICACY

K-Laser uses the super-pulsed technology, “Intense Super Pulse” (ISP), with immediate results in tissue repair, delivering energy progressively in depth, diminishing the warming effect of the skin, giving immediate pain relief.

On the right, a list of foot pathologies treated with the therapeutic zoom handpiece, ENT handpiece and with the high-energy optics. Already after the first session, the patient can perceive a marked improvement and immediate pain relief, due to K-Laser’s non-invasive therapies.

Metatarsalgia
Hallux valgus-bursitis
Plantar Fasciitis
Tarsal tunnel syndrome
Arthritis-Osteoarthritis
Interdigital neuritis
Heel spur
Achilles tendonitis
Morton’s neuroma
Post-sprain Edema
Diabetic neuropathy
Tibia-tarsal Distortion
Diabetic ulcer
Warts
Mycosis
EXPERIMENTATION AND RESEARCH IN FOOT PATHOLOGIES

K-LASER’S ADVANCED TECHNOLOGY IN LASER THERAPY AT DISPOSAL OF THE INSTITUTE OF HIGHER LEARNING “LA CLAUDIANA” OF BOLZANO - ITALY HAVE LED TO A CONTINUED COLLABORATION TO DEVELOP AND TEST SPECIFIC TREATMENT PROTOCOLS TO DEAL WITH FOOT PATHOLOGIES.

“LA CLAUDIANA”: HIGH QUALIFICATION UNIVERSITY

“La Claudiana” works closely together with several Italian and International Universities. Several conventions have been signed between the Departments of Medicine and Surgery of the University of Verona, of the University of Rome “Sapienza”, of the University of Ferrara and of the University of Innsbruck, to ensure proper academic training. The collaboration with these universities and the Healthcare Clinics in South Tyrol ensure a bilingual training (Italian and German) of the highest level.

CASE REPORT: Heel Spur treated with K-LASER CUBE

Case report by Podiatrist DR. LUCA RIZZI in collaboration with “LA CLAUDIANA” of Bolzano.

A.R., a 35 year old male, checked into the podiatric clinic of the Higher Learning Health Institute Claudiana in May 2014, complaining of an acute pain to the heel of the right foot when standing and reporting an even more intense pain in the same area when putting his foot down first thing in the morning. The patient had been suffering from chronic pain for 4 months when he decides to go to the clinic because the symptoms had become so severe that they hindered the usual movements, causing compensation through an antalgic gait that had nevertheless developed into pain to the contralateral foot.

X-Ray and ultrasound examinations confirmed the diagnosis of heel spur. The patient had tried to treat symptoms with FANS (non-steroidal anti-inflammatory drugs), but they provided only temporary relief.

Dr. Luca Rizzi, assisted by the third-year students of the Master degree program in Podiatry at the Higher Learning Health Institute La Claudiana, knows the difficulties in treating the heel spur very well and decides therefore to treat with K-LASER CUBE laser therapy.

The first objective of the medical team is to reduce the inflammation and pain. The patient will also benefit from the bio-stimulating effects of the laser therapy which improves the circulation and the metabolic activity of the cells as well as the functioning of the nervous system and immune-regulation. It also helps prevent the formation of fibrotic tissue.

The laser therapy includes 3 sessions a week and the use of a custom orthotic insole to relieve the pain in the aching area (Schwarz ring).

The program is set for acute pain and skin color type II.

The treatment time per session is 4:35 minutes, two session are required, with a pause of ten minutes between the first and the second application.

The total Joule delivered are 1200 and the average power is 6 W.

The operator uses the "ENT" handpiece directing the beam of photons to the insertion area of the plantar aponeurosis.

Right after the first application the patient reports immediate relief that improves with the two subsequent sessions.

By the end of the therapy, the pain not only diminished but completely disappeared. The use of the orthotic insole is important to safeguard the achieved mental and physical well-being and to prevent the relapse and any mechanical stress on the treated area.
FUNGAL INFECTION OF THE NAIL APPARATUS
The mycosis can be located on the surface of the nail, or it can be proximal subungual or distal subungual. If the mycosis is not treated, it can gradually cause onycholysis and nail dystrophy, and may proliferate along the skin of the sole of the foot and between the toes degenerating into TINEA PEDIS INTERDIGITALIS, commonly called ATHLETE’S FOOT.

The podiatric treatment with K-Laser advanced therapy, foresees that the treatment be carried out in several phases with interchangeable handpieces: from a therapy with the ENT handpiece to a therapy with the high energy handpiece. The first step is to use a pulsed therapy to reduce the inflammation, then treat to eliminate the nail fungus, and finally, disinfect the treated area completely with the non-invasive high-energy therapy.

For the treatment of warts, K-Laser’s objective is to propose a non-invasive therapy solution that consists in a single treatment cycle.

The diabetic ulcer affects the skin and the subcutaneous tissues and it is an injury that rarely heals in a spontaneous way. The treatment of the diabetic ulcers of the foot are one of the greatest challenges for a therapist, as they are rarely treated in a non-invasive way, without pain and a careful angiological and histopathological evaluation. K-Laser therapy helps with its bio-stimulating effect and the consequent healing of the damaged tissues.

Venous insufficiency in the superficial layers lead to these venous ulcers around the inner side of the malleolus rather than in the outer side of it. These are often accompanied by edema: the Pulsed K-Laser therapy results in a better vascularization and the healing of the damaged tissues.
Dr. Luca Rizzi is a Podiatrist with a Master Degree in Wound Healing from the University of Rome – La Sapienza, specialized in the treatment of the diabetic foot.

He teaches at La Claudiana - University of Bolzano and a coordinator of pre-clinical and clinical experimentation in Onychomycosis and laser treatments of foot disease.

Dr. Rizzi has a private practice in Mantova, offering his patients the clinical experience achieved over the many years of work at the University. This experience has helped him produce state of the art clinical studies using the latest innovative technology.

Dr. Caterina Vajani got her degree from the State University of Milan, in November 2005, and has obtained a Master Degree in Wound Care from the University of Rome- La Sapienza in 2010. She is the head of the Italian Podiatrists Association in the Lombardy Region.

She treats painful foot ailments in her modern and private practice located in Binasco (near Milan), using all the latest technologies for the benefit of his patients.

She treats all the pathologies related to the foot and can rely on the collaboration of other professionals where particular pathologies may require a more in depth diagnostic evaluation.

Dr. Lorenzo Gallina works in S. Giovanni Lupatoto, with a wealth of experience in podiatry acquired since 1977, and 15 years of hospital work.

In his private and prestigious practice located in San Giovanni Lupatoto, he performs foot and postural examinations to prevent and rehabilitate from foot and related pathologies.

Dr. Gallina uses state of the art technology in Podiatry.

Both Dr. Simone Nardo and Dr. Riccardo Nardo have a degree in Podiatry from the University of Bologna, and Dr. Nardo Riccardo a Master in Posturology from the same university.

Their private practice “Centro del Piede” in Mestre (Venice), is a modern and prestigious structure with innovative technologies in the podiatric field. They treat hyperkeratosis, callus formation, onychocryptosis, onychomycosis, warts and ulcers.

They carry out static biomechanical computerized examinations, dynamic and postural analysis with a baropodometric footboard.

Dr. Simone Nardo and Dr. Riccardo Nardo are specialised in orthotics making orthopedic insoles, and custom digital orthoses. They are able to diagnose any type of pathology and prescribe the optimal remedy.
THE MOST ADVANCED RESEARCH

K-LASER’S RESEARCH AND DEVELOPMENT DIVISION, HAS SET THE PACE ON NEW TECHNOLOGIES AND THE EVOLUTION OF LASER DEVICES WORLDWIDE.

K-Laser has been collaborating with the Oral Medicine and Pathology University of Trieste for more than 5 years, under Prof. Roberto Di Lenarda’s direction and with the International Centre for Genetic Engineering and Biotechnology (ICGEB) in Trieste, putting at their disposal the most advanced technology and resources.

These results have been achieved thanks to the intense preclinical activity carried out at the ICGEB in Trieste. ICGEB is an international organization dedicated to molecular medicine, genetics and biotechnology. Founded in the year 1987, it has been working as an autonomous Centre within the United Nations’ System since 1994. The Center is supported by more than 60 Countries and conducts innovative research, in particular in the biomedical field.

Many experiments, which analyze the laser therapy’s mechanisms and which aim at the optimization of the clinical protocols depending on the medical needs, are carried out in Trieste.

In this regard, Dr. Giulia Ottaviani has been working both at the Oral Medicine and Oral Pathology’s Department and at the ICGEB. She is involved in the research related to: wound healing, bio-stimulation, antimicrobial and sterilizing effects, effects on the immune system and on neoplastic lesions.

The results from these experiments are the basis for the therapeutic treatment of patients, who have reported to date, important benefits from laser therapy.

Among the treatments developed that have proven the laser therapy’s efficacy are:
- Oral Mucositis in cancer patients under oncological therapy (in collaboration with the Departments of Hematology, Oncology, Radiotherapy and Ear Nose and Throat);
- Radiotherapy induced Dermatitis, in particular in the treatment of breast cancer. (where it was possible to reduce considerably the patient’s downtime between radiotherapies due to the collateral effects on the skin);
- Treatment of ulcers, with great benefits in terms of faster healing and pain management;
- Nerve damage caused by external trauma or iatrogenically induced;
- Post-surgery bio-stimulation;
- Algic-dysfunctional Syndromes of the temporo-mandibular joint.

Thanks to these brilliant results, a nationwide study was organized by the Children’s Hospital Burlo Garofolo of Trieste as the project coordinator, with the participation of five different children’s hospitals throughout Italy (Bologna, Cagliari, Padua, Turin and Pavia).

Dr. Giulio Andrea Zanazzo is responsible for the L.A.M.P.O. study (Laser and children’s mucositis in Onco-Hematology) of the laser therapy in the healing of mucositis in a population of oncological pediatric patients; to date it turns out to be the first and only multicenter testing to evaluate the efficacy of laser therapy in a pediatric population affected by oral mucositis due to oncological therapies.

To this day, the results are satisfactory as far as the improvement of the quality of life of these young patients is concerned, and also for the consequent efficacy of the cancer therapies they are subject to.
**ADVANCED TRAINING**

**a - K-LASER TRAINING**

*K-Laser* has a multi-media school where training courses are held periodically for doctors, physiotherapists and podiatrists interested in *K-Laser's* method of treatment. The training is dedicated to owners of *K-Laser* medical devices as well as to those who wish to improve their knowledge of the principles of laser therapy, the concept of bio-stimulation of superficial and deep tissues, on the treatment of acute and chronic pain and criteria behind the use of the many *K-Laser* handpieces.

The advanced technology that characterizes *K-Laser* products, require a specific method of application also given to the numerous interchangeable handpieces used in Physiotherapy, Podiatry and Medicine.

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**b - K-LASER TRAINING SUPPORT**

The training courses are also supported by the doctor and surgeon Carlo Gaspari’s experience in *K-Laser* therapy and surgery.

**DR. GASPARI CARLO**

**VICENZA**

He has a degree in Medicine and Surgery from the University of Milan in 1987, and a post graduate degree in Clinical Pathology from the University of Ferrara in 1994.

Dr. Gaspari is a *K-Laser Therapy Expert* and he is a General Medicine Doctor (GMD) of the Health Center of Vicenza since 1991.

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**K-LASER THERAPY IN MEDICINE**

In the daily clinical practice of an MD, the problems associated with both acute and chronic pain of the joints and muscles represent more than 50% of the cases treated every day. In handling these cases, access to other medical structures or professionals in the field is often difficult given the long wait for these kind of treatments in Italy’s public health service or distance of the specialized centers from the patients’ home.

It is in this case scenario, that the MD can assist his patients with laser therapy sessions as an alternative therapeutic treatment.

The success of a treatment is directly proportional to the accuracy of the first diagnosis, and it depends on the patient’s "compliance" to the proposed method of treatment since the patient often relies on the physician’s advise rather than on their actual knowledge of the method’s efficacy.

The *K-Laser* devices are transportable and easy to carry, and due to their size and weight are perfect for out calls where it can be operated even in the absence of electricity thanks to the powerful rechargeable batteries.

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**c - K-LASER PODIATRIC TREATMENT ON PATIENTS at the Centro del Piede of Mestre - Venezia**

Thanks to the research carried out in podiatry, *K-Laser's* advanced technology and resources is made available through specialized "*K-Laser Therapy*" centers and also organizes training courses on the use of the handpieces for the treatment of onychomycosis and warts.
**THE NEW “K-LASER CUBE EXTEND” HAS BEEN DESIGNED TO BE USED WITH K-LASER DEVICES TO FACILITATE THE TREATMENT OF LARGER AREAS WITH GREATER BENEFITS WITH RESPECT TO SCANNING LASERS.**

K-Laser Cube Extend is equipped with a flexible arm and a rotating head with a new optic diffusor of the laser beam; its cone-like emission was purposely studied to cover bigger areas. K-Laser Cube Extend can deliver the laser beam over a 100mm diameter area and it has a unique design so that it is ergonomic and easy to adjust. Thanks to K-Laser Cube Extend’s intuitive software one can deliver a high energy treatment over bigger areas.

**K-LASER QRT TECHNOLOGY**

K-Laser’s long-term commitment to research and design characterizes its developments in user-friendly devices.

**QUICK RELEASE TECHNOLOGY (QRT)**

HANDPIECE WITH INTERCHANGEABLE OPTICS

This technology was developed due to the need to perform Dynamic Therapy in different medical fields: from Physiotherapy to Podiatry, from Dental to Stomatology.

Variable zoom from 1 to 5 cm²

A ZOOM handpiece is of crucial importance to obtain better results, as it gives the possibility to adapt the handpiece to the area and part of the body to be treated depending on the pathology.

Optional Tips:

The principle behind K-Laser’s philosophy of dynamic therapy has led to the development of two optional tips that may be fitted onto the handpiece depending on the physician’s needs.
CUBE’S SOFTWARE UPGRADES

The K-Laser Technology foresees periodical software upgrades, in order to guarantee the highest performances.

ELECTRONIC THERAPY RECORDS: Historical Patients’ Archives

The Cube software comes complete with a history file of all treatments performed on a single patient, with the possibility to customize a patient’s protocols and export them in various formats via USB.

K-LASER TROLLEY (optional)

Lightweight, portable and safe. Comes with a magnetic plate that secures the devices on the trolley’s platform.

LIGHT WEIGHT (about Kg. 1.3)

Thanks to its compactness, characteristic of K-Laser’s products, and transportability, the physiotherapist can choose where to perform the therapy; this makes K-Laser Cube the ideal tool in the field of Medicine, Physiotherapy and Sports Rehabilitation.

FULL COLOR GRAPHIC DISPLAY LCD touch screen

The liquid crystal, full color display and high definition graphics, guarantee high visibility even under strong light. Furthermore, the use of touch screen technology guarantees greater interactivity between K-Laser Cube and the user.

K-LASER CUBE EXTEND

K-LASER Cube is equipped with a rechargeable battery for more than 60 minutes worth of uninterrupted treatment.

RECHARGEABLE LITHIUM-ION BATTERY

K-Laser Cube is equipped with a rechargeable battery for more than 60 minutes worth of uninterrupted treatment.
### TECHNICAL DATA SHEETS

<table>
<thead>
<tr>
<th>Laser type</th>
<th>CUBE</th>
<th>CUBE 2</th>
<th>CUBE 3</th>
<th>CUBE 4</th>
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<tbody>
<tr>
<td></td>
<td>Semiconductor Laser</td>
<td>Class IV (IEC 60825-1)</td>
<td>Classification Class III (CEE Directive 93/42/EEC)</td>
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<td>Wavelength (nm ± 15 nm)</td>
<td>660, 970</td>
<td>660, 805</td>
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<td>Peak Power at High Energy</td>
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<td>Aiming Beam</td>
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<td>Optional Wireless Footswitch</td>
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<td>Finger switch</td>
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<td>Power Supply</td>
<td>100 - 240 VAC, 47 - 63 Hz - Rechargeable Battery</td>
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<tr>
<td>Display</td>
<td>Full Color LCD Touchscreen Graphic Display</td>
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<tr>
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<td>Weight</td>
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</tbody>
</table>

### CUBE
- Transportable & with Rechargeable battery
- Continuous wave (CW) +1-20,000 Hz in 1 Hz steps - ISP (Intense Super Pulse)
- Multi-phase pre-set Protocols
- Unlimited patient Data files
- Handpiece with Adjustable zoom
- Interchangeable optics
- Handpiece at high energy
- Optional ENT fiber
- Trolley with Cube Extend optional
- Upgradeable Software USB software upgrades
- Special protective goggles
- 2 pairs

### CUBE 2
- Selectable wavelengths 3 combinations
- Intense SuperPulse (ISP)
  - POWER
    - PEAK 10w
    - AVERAGE 6w

### CUBE 3
- Selectable wavelengths 7 combinations
- Intense SuperPulse (ISP)
  - POWER
    - PEAK 15w
    - AVERAGE 8w

### CUBE 4
- Selectable wavelengths 15 combinations
- Intense SuperPulse (ISP)
  - POWER
    - PEAK 20w
    - AVERAGE 12w

### Warranty
- 2 year