



Strumentazione Medica Tecnicamente Avanzata  
*Technologically Advanced Medical Equipment*

Chirurgia - Odontoiatria - Estetica  
*Surgery - Dentistry - Aesthetics*



## Who we are

Swiss & Wegman, founded in 2009, is a leading Italian company in the design, production and supply of high-tech medical equipment and, in particular, instrumentation based on laser technology, intraoral welders, cold light lamps for photorejuvenation and electroporation devices. Thanks to the experience in the sector and the close collaboration with doctors and with the most authoritative Italian and international universities, the company has acquired in-depth technical and clinical knowledge in the medical and aesthetic fields. We are able to support our customers, giving them training and technical service all over the world.

## Electro-optical technologies

Swiss & Wegman is specialized in the manufacturing of electro-optical technologies that use light in all its forms, in particular laser light. Thanks to its natural properties of biostimulation, decontamination, haemostasis and analgesia, using specific clinical protocols, laser light finds application in many fields, such as dentistry, dermatology, aesthetics, traumatology and analgesic therapy.

## Electronic technologies

Our company has acquired high skills in the latest technologies, applied to medicine and aesthetics, including the transdermal system - this is able to work directly on the process of skin regeneration for both, aesthetic and therapeutic purposes - moreover our company support implantology technologies with specific devices as for example our intraoral welder device designed for immediate loading.

## Private Label

In addition to our own branded products, Swiss & Wegman is able to supply Private Label solutions according to the customer needs

## Service and Training

The company offers its customers a clinical training service and daily technical assistance. A qualified medical team will provide the necessary clinical support to learn techniques and protocols helpful for the daily clinical practice and a specialized technical staff will be available to give you concrete and timely answers to any technical problem.



# Certifications

Safety, efficiency, sustainability and performance.  
These are the requirements for every service or product sold that it must to be comply with laws, regulations and international standards

All our medical equipments are made entirely in Italy and built in compliance with the provisions of the European Directive 93/42 / EEC (and further modifications) regarding medical devices.



Our company has obtained the quality certification of production processes, recognized at international level, UNI EN ISO 9001 and UNI EN ISO 13485, as the result of a particular focus to pursuit high quality in our devices



**CERTIFICATE**

Reg. Number 7897 - M Valid from 2021-06-16  
First issue date 2009-06-22 Last change date 2021-06-16  
Valid until 2024-06-21

## Quality Management System Certificate ISO 13485:2016

We certify that the Quality Management System of the Organization:

### SWISS & WEGMAN S.r.l.

Is in compliance with the standard UNI CEI EN ISO 13485:2016 for the following products/services:

Design, production, placing on the market and technical assistance of electro-medical devices for dental applications, lasers for dental, surgical, physiotherapy and dermatological applications

Chief Operating Officer  
Giampiero Belcredi



The maintaining of certification is subject to annual surveillance and dependent upon the observance of Kiwa Cermet Italia contractual requirements.

This certificate is composed of 1 page.

Kiwa Cermet Italia S.p.A.  
Società con socio unico,  
soggetta all'autorità di  
distribuzione e controllo  
di Kiwa Italia Holding Srl  
Via Cadeano, 23  
40067 Gravina dell'Emilia  
BO  
Tel +39 051 469.3111  
Fax +39 051 765.382  
E-mail: info@kiwacermet.it  
www.kiwa.it

**CERMET**

**SWISS & WEGMAN S.r.l.**  
Registered Headquarters  
- Corso Stati Uniti, 1/10 35127 Padova Italia  
Certified Sites  
- Corso Stati Uniti, 1/10 35127 Padova Italia



Reg. Numero /  
Reg. Number  
Primo rilascio /  
First issue date  
Scadenza /  
Valid until

MED 29020\_1  
2014-06-19  
2024-05-26

Revisione /  
Version  
Validita /  
Valid from  
Ultima modifica /  
Last change date

10  
2019-07-19  
2021-05-21

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## Certificato CE del Sistema di Garanzia della Qualità EC Quality Assurance System Certificate

Si certifica che, sulla base dei risultati degli audit effettuati, il Sistema completo di garanzia della Qualità dell'Organizzazione/ We certify that, on the basis of the audits carried out, the full Quality Assurance System of the Organization:

### SWISS & WEGMAN S.r.l.

Sede Legale e Operativa / Registered and operational headquarter  
Corso Stati Uniti, 1/10  
35127 Padova, PD - Italia

è conforme ai requisiti applicabili della Direttiva 93/42/CEE e successive modifiche ed integrazioni, Allegato II escluso il pto 4, attuale in Italia con Dlgs. 46 del 1997/02/24 e successive modifiche ed integrazioni per le seguenti tipologie di Dispositivi Medici/ Is in compliance with the applicable requirements of 93/42/EEC Directive as amended, Annex II without point 4, transposed in Italy by Dlgs. 46 of 1997/02/24 as amended for the following Medical Devices:

Laser chirurgico / Surgical LASER  
Laser diodo per applicazioni odontoiatriche e terapeutiche / Diode laser for odontostatic and therapeutic applications  
Laser diodo per applicazioni odontoiatriche, chirurgiche, fisioterapiche e dermatologiche / Diode laser for odontostatic, surgical, therapeutic and dermatological applications  
Laser per dermatologia / Laser for dermatological treatments  
Laser per Odontostatic / Laser devices for dental application  
Laser per fisioterapia / Laser devices for physiotherapy  
Pinze per saldatura endorale / Intra-oral welding clamp  
Portali per laser a diodo medica HYSERFEN per chirurgia/terapia / HYSERFEN diode laser tips for surgical/therapeutic applications  
Saldatrice endorale / Intra-oral welding equipment

Kiwa Cermet Italia S.p.A.  
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Tel +39 051 469.3111  
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E-mail: info@kiwacermet.it  
www.kiwa.it

Rif. rapporto di audit / Ref. audit report: del/dated 15-16/07/2020

Chief Operating Officer  
Giampiero Belcredi

Firmato digitalmente da BELCREDI GIAMPIERO  
Data 24/05/2021 08:46:28



Organismo Notificato n. 0476  
Notified Body nr. 0476



**CERMET**

Reg. Number 7897 - A Valid from 2021-06-16  
First issue date 2009-06-22 Last change date 2021-06-16  
Valid until 2024-06-21 IAF Sector 19

## Quality Management System Certificate ISO 9001:2015

We certify that the Quality Management System of the Organization:

### SWISS & WEGMAN S.r.l.

Is in compliance with the standard UNI EN ISO 9001:2015 for the following products/services:

Design, production, placing on the market and technical assistance of electro-medical devices for dental applications, lasers for dental, surgical, physiotherapy and dermatological applications, electronic devices for the aesthetic sector.

Chief Operating Officer  
Giampiero Belcredi



The maintaining of the certification is subject to annual surveillance and dependent on the observance of Kiwa Cermet Italia contractual requirements.

This certificate is composed of 1 page.

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Certified Sites  
- Corso Stati Uniti, 1/10 35127 Padova Italia



# Devices in the world



## UE

- 📍 Italy
- 📍 Spain
- 📍 Romania
- 📍 Croatia
- 📍 Poland
- 📍 Bulgaria
- 📍 Lithuania
- 📍 Estonia
- 📍 Hungary
- 📍 Portugal
- 📍 Finland

## EXTRA UE

- 📍 Russia
- 📍 Taiwan
- 📍 United Arab Emirates
- 📍 Turkey
- 📍 Saudi Arabia
- 📍 India
- 📍 Iran
- 📍 Albania
- 📍 Canada
- 📍 Jordan
- 📍 Vietnam
- 📍 England
- 📍 Georgia
- 📍 Iraq
- 📍 Slovenia
- 📍 Slovakia





## Our Mission

Give patients a high level of care and a good quality of life by providing technologically advanced equipment to medical professionals.

## Our Team

R&D  
Marketing e Sales  
Medical Clinical Support  
Technical Customer Care  
Administration  
Production  
Academy



# Our Medical Devices

## Surgical Ray

The Medical Lasers



 **LASER DG-5 BASIC**



 **LASER DG-5 PLATINUM**



 **LASER DG-8 PLATINUM**

## HySerPen

All you need is in your hands



 **HYSERPEN PLUS**



 **HYSERPEN PRO**



 **HYSERPEN PDT**

## JoinPlant



**INTRAORAL WELDER JOINPLANT**

## Aesthetic



**ELECTROPORATION ULTRADERM**



**PHOTOREJUVENATION LAMP  
BEAUTY-AGE**

# DG-5 BASIC

## LASER TECHNOLOGY



### TECHNICAL DATA

#### CODE:

PADLG5B001.1

#### POWER SUPPLY:

100-240 V ~

#### POWER FREQUENCY:

50-60 Hz

#### MAXIMUM ABSORBED CURRENT:

1.5A @ 115Vac, 0.75A @ 230Vac

#### MEDICAL CLASS / LASER CLASS:

II B / IV

#### INSULATION CLASS:

I - Applied Part Type BF

#### MAXIMUM POWER / LASER SOURCE:

5 W / 10 W

#### ADJUSTABLE LASER POWER:

0.1 - 5 W with step of 0.1 W

#### DIMENSIONS / WEIGHT:

26.5 x 20 x 10.5 cm (P x L x H) / 2.6 Kg (about)

#### WAVELENGTH:

810nm

#### MODE OF ISSUE:

Selectable: Continuous - 500 Hz - 1000 Hz

#### OPERATIVE MODE:

Selectable: Continuous - Timed

### Accessories included

- 300 µm optical fibre
- Surgical handpiece
- Therapeutic handpiece
- Two pairs of protective googles
- Fibre-cutter
- Fibre-skinner
- Fibre-bearing stem
- Foot control pedal
- Interlock contact
- Power cable
- Clinical protocols
- User's manual

### Optional Accessories

- 200 µm optical fibre

It is a highly technological **5W diode laser for the odontoiatric practice**. As a surgical tool is effective and decisive, it makes possible vaporization and incisions with great precision, control of the cut's depth and a perfect coagulation without any effect of carbonization of the treated tissue. Respect to traditional instruments such as scalpel cold knife and electrosurgical, the diode laser is characterized as conservative tool that eliminates few layers cell and has significant clinical advantages such as: – The reduced use of anesthetic become to the analgesic action of laser radiation – Perfect sterilization of the treated tissues and hemostasis of the surgical field without application of sutures. The thermal effect of the elimination of the bacterial flora and the action anti-inflammatory make **DG-5 BASIC** the best tool in the treatment of periodontal pockets, treatment of perimplantar and in the disinfection of root canals. The biostimulation action of the reparative metabolic processes that involving synthesis of fibroblasts, the increase microcirculation and the venous-lymphatic drainage, allow fast recovery of the joined epithelial and rapid cicatization that improve the healing process. In the field of traumatology, the diode laser is used in the treatment and of many diseases allow a rapid resolution of pain and functional recovery of the effected part.

### Preset Treatments

1 Decontamination of periodontal pockets	11 Dentine vitrification	21 Herpes treatment	31 Condyloma treatment
2 Gingivectomy and gingivoplasty	12 Endodontic material removal	22 Fistula treatment	32 Wart treatment
3 Implant uncovering	13 Dentine desensitization	23 Aphtha treatment	33 Tooth whitening
4 Perimplantitis	14 General oral surgery	24 Impacted canine tooth	
5 Perimplant defects /bone regeneration	15 Frenulum removal	25 Antalgic therapy	
6 Abutment groove/imprint taking	16 Fibroma removal	26 Biostimulation	
7 Periodontal surgery (gingival recession)	17 Blood coagulation	27 General traumatology	
8 Root canal treatment	18 Epithelial hyperplasia	28 Myofascial pain syndrome	
9 Endodontic surgery (i.e. apicectomy)	19 Oral leukoplakia treatment	29 TMJ treatment	
10 Direct pulp hooding	20 Hemangioma treatment	30 Telangiectasis treatment	

# DG-5 PLATINUM

## LASER TECHNOLOGY



### TECHNICAL DATA

<b>CODE:</b>	PADLG5P001.1
<b>POWER SUPPLY:</b>	100-240 V ~
<b>POWER FREQUENCY:</b>	50-60 Hz
<b>MAXIMUM ABSORBED CURRENT:</b>	1.5A @ 115Vac, 0.75A @ 230Vac
<b>MEDICAL CLASS / LASER CLASS:</b>	II B / IV
<b>INSULATION CLASS:</b>	I - Applied Part Type BF
<b>DIMENSIONS / WEIGHT:</b>	26.5 x 20 x 10.5 cm (P x L x H) / 2.6 Kg (about)
<b>MAXIMUM POWER / LASER SOURCE:</b>	8 W / 10 W
<b>ADJUSTABLE LASER POWER:</b>	0.1 - 5 W with step of 0.1 W
<b>WAVELENGTH:</b>	810nm
<b>MODE OF ISSUE:</b>	Selectable: Continuous - 500 Hz - 1000 Hz
<b>OPERATIVE MODE:</b>	Selectable: Continuous -Timed

### Accessories included

- 300 µm optical fibre
- Surgical handpiece
- Handpiece for wide areas
- Therapeutic handpiece
- Two pairs of protective googles
- Fibre-cutter
- Fibre-skinner
- Fibre-bearing stem
- Foot control pedal
- Interlock contact
- Power cable
- Clinical protocols
- User's manual

### Optional Accessories

- 200 µm optical fibre

It is a highly technological **5W diode laser** designed **for those dental practitioners who want to offer their patients both dental and aesthetic non-invasive treatments with a prognostic predictability of great importance.** The intrinsic properties of the diode light radiation – the antiinflammatory and decontaminating action, the biostimulating effect, the analgesic and hemostatic capacity – are fulfilled by a large number of pre-set dental programs and dermatologica I/ aesthetic applications supplied with clinically validated operating protocols. Equipped with three specific handpieces for surgery, therapy and aesthetic treatments, **DG-5 PLATINUM** stands out as an innovative, reliable and easy-to-use instrument offering highly efficient performances by putting all the clinical benefits of laser therapy at the service of smile care and facial beauty.

### Preset Treatments

- 1 Decontamination of periodontal pockets
- 2 Gingivectomy and gingivoplasty
- 3 Implant uncovering
- 4 Perimplantitis
- 5 Perimplant defects /bone regeneration
- 6 Abutment groove/imprint taking
- 7 Periodontal surgery (gingival recession)
- 8 Root canal treatment

- 9 Endodontic surgery (ie. apicectomy)
- 10 Direct pulp hooding
- 11 Dentine vitrification
- 12 Endodontic material removal
- 13 Dentine desensitization
- 14 General oral surgery
- 15 Frenulum removal
- 16 Fibroma removal

- 17 Blood coagulation
- 18 Epithelial hypercromia
- 19 Oral leukoplakia treatment
- 20 Hemangioma treatment
- 21 Herpes treatment
- 22 Fistula treatment
- 23 Aphtha treatment
- 24 Impacted canine tooth
- 25 Antalgic therapy
- 26 Biostimulation
- 27 General traumatology

- 28 Myofascial pain syndrome
- 29 TMJ treatment
- 30 Telangiectasis treatment
- 31 Condyloma treatment
- 32 Wart treatment
- 33 Tooth whitening
- 34 Photorejuvenation 1
- 35 Photorejuvenation 2
- 36 Photorejuvenation 3
- 37 Photorejuvenation with active substances
- 38 Perioral aesthetics: laser and filler

- 39 Face wrinkles: laser and peeling
- 40 Hair removal
- 41 Senile lentigo
- 42 Psoriasis
- 43 Xanthelasma
- 44 Angular Cheilitis
- 45 Actinic keratosis
- 46 Seborrheic keratosis
- 47 Scars
- 48 Melanocytic nevi (cont.pulse)
- 49 Melanocytic nevi (short pulse)

- 50 Necrobiosis lipoidica
- 51 Folliculitis
- 52 Onicectomy
- 53 Vitiligo
- 54 Fibrous papules of the nose
- 55 Pedunculated fibroma
- 56 Epulis
- 57 Abscess
- 58 Biopsy
- 59 Carpal tunnel
- 60 Paresthesias

# DG-8 PLATINUM

## LASER TECHNOLOGY



### TECHNICAL DATA

#### CODE:

PADLG8P001.1

#### POWER SUPPLY:

100-240 V ~

#### POWER FREQUENCY:

50-60 Hz

#### MAXIMUM ABSORBED CURRENT:

1.5A @ 115Vac, 0.75A @ 230Vac

#### MEDICAL CLASS / LASER CLASS:

II B / IV

#### INSULATION CLASS:

I - Applied Part Type BF

#### MAXIMUM POWER / LASER SOURCE:

8 W / 10 W

#### ADJUSTABLE LASER POWER:

0.1 - 8 W with step of 0.1 W

#### DIMENSIONS / WEIGHT:

28 x 24 x 6.5 cm (P x L x H) / 2.6 Kg ( about)

#### WAVELENGTH:

810nm

#### MODE OF ISSUE:

Selectable: Continuous- 500 Hz - 1000 Hz

#### OPERATIVE MODE:

Selectable: Continuous -Timed



### Accessories included

- 300 µm optical fibre
- Surgical handpiece
- Handpiece for wide areas
- Therapeutic handpiece
- Two pairs of protective googles
- Fibre-cutter
- Fibre-skinner
- Fibre-bearing stem
- Foot control pedal
- Interlock contact
- Power cable
- Clinical protocols
- User's manual

### Optional Accessories

- 200 µm optical fibre

It is a highly technological **8W diode laser** designed **for those dental practitioners who want to offer their patients all dental laser treatments but also aesthetic non-invasive treatments with a high prognostic predictability**. The intrinsic properties of the diode light radiation give anti-inflammatory and decontaminating action, biostimulation effect, analgesic and hemostatic capacity. On the device are available a large number of preset dental programs and dermatological / aesthetic applications supplied with clinically validated operating protocols. Equipped with three specific handpieces for surgery, therapy and aesthetic treatments, **DG-8 PLATINUM** stands out as an innovative, reliable and easy-to-use instrument offering highly efficient performances by putting all the clinical benefits of laser therapy at the service of smile care.

### Preset Treatments

- 1 Decontamination of periodontal pockets
- 2 Gingivectomy and gingivoplasty
- 3 Implant uncovering
- 4 Perimplantitis
- 5 Perimplant defects /bone regeneration
- 6 Abutment groove/imprint taking
- 7 Periodontal surgery (gingival recession)
- 8 Root canal treatment

- 9 Endodontic surgery (ie. apicectomy)
- 10 Direct pulp hooding
- 11 Dentine vitrification
- 12 Endodontic material removal
- 13 Dentine desensitization
- 14 General oral surgery
- 15 Frenulum removal
- 16 Fibroma removal

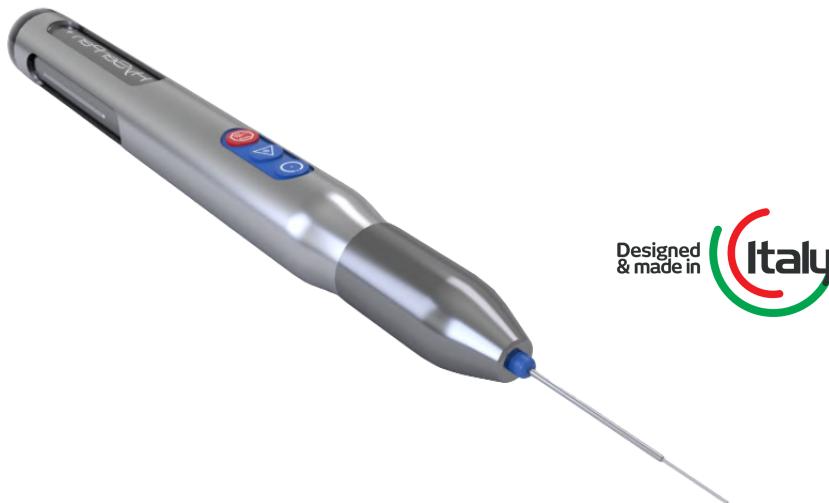
- 17 Blood coagulation
- 18 Epithelial hypercromia
- 19 Oral leukoplakia treatment
- 20 Hemangioma treatment
- 21 Herpes treatment
- 22 Fistula treatment
- 23 Aphtha treatment
- 24 Impacted canine tooth
- 25 Antalgic therapy
- 26 Biostimulation
- 27 General traumatology

- 28 Myofascial pain syndrome
- 29 TMJ treatment
- 30 Telangiectasis treatment
- 31 Condyloma treatment
- 32 Wart treatment
- 33 Tooth whitening
- 34 Photorejuvenation 1
- 35 Photorejuvenation 2
- 36 Photorejuvenation 3
- 37 Photorejuvenation with active substances
- 38 Perioral aesthetics: laser and filler

- 39 Face wrinkles: laser and peeling
- 40 Hair removal
- 41 Senile lentigo
- 42 Psoriasis
- 43 Xanthelasma
- 44 Angular Cheilitis
- 45 Actinic keratosis
- 46 Seborrheic keratosis
- 47 Scars
- 48 Melanocytic nevi (cont.pulse)
- 49 Melanocytic nevi (short pulse)
- 50 Necrobiosis lipoidica
- 51 Folliculitis
- 52 Onicectomy
- 53 Vitiligo
- 54 Fibrous papules of the nose
- 55 Pedunculated fibroma
- 56 Epulis
- 57 Abscess
- 58 Biopsy
- 59 Carpal tunnel
- 60 Paresthesias

# HYSERPEN PLUS

## LASER TECHNOLOGY



### TECHNICAL DATA

<b>CODE:</b>	PADLHYS001.1
<b>POWER SUPPLY:</b>	100-240 V ~
<b>POWER FREQUENCY:</b>	50-60 Hz
<b>MAXIMUM ABSORBED CURRENT:</b>	1.5A @ 115Vac, 0.75A @ 230Vac
<b>MEDICAL CLASS / LASER CLASS:</b>	II B / IV
<b>INSULATION CLASS:</b>	II - Applied Part Type BF
<b>LASER SOURCE:</b>	3W
<b>DIMENSIONS / WEIGHT:</b>	167 x 18 mm (L x Ø) / 122 grams
<b>WAVELENGTH:</b>	810nm
<b>OPERATIVE MODE:</b>	Selectable: Continuous -Timed

### Accessories included

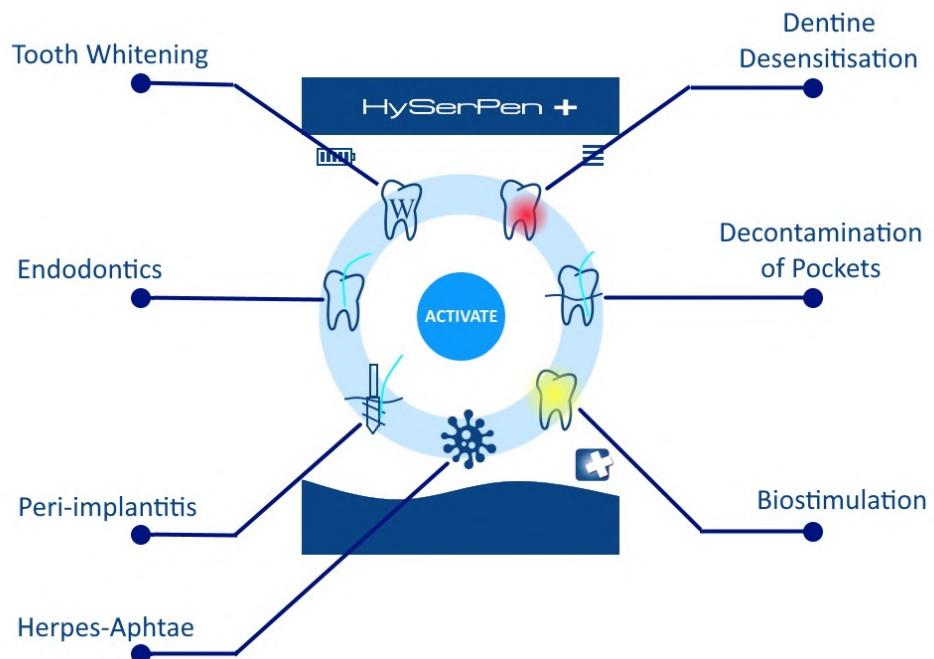
- Base
- Handful
- USB power cable
- 10 Interchangeable Tips
- Large areas terminal
- Protective goggles
- Clinical protocols
- User Manual

Wireless semiconductor laser designed and certified for the dental clinic, preset with seven protocols which generally cover more than 80% of the daily activity:

**Biostimulation, Dental Pockets Decontamination, Desensitization, Whitening, Endodontics, Peri-implantitis, Herpes-Aphthae.**

HySerpen Plus represents the excellent compromise between usability, thanks to the display icon graphic, on the charging base, and the high level of technology, ensured by multiple uses allowed by the device. Thanks to its **compact size** and with a **weight of only 122 gr**, HySerpen Plus allows you to operate adequately on each patient and in many working conditions. **Moreover you have the possibility to manage its even through a simple external power bank.** This is the right solution for who wants to increase the productivity, rising up the number of devices available in the clinic, or for the professional that is approaching for the first time the use of laser technology

### Preset Protocols



# HYSERPEN PRO

## LASER TECHNOLOGY



### TECHNICAL DATA

<b>CODE:</b>	PADLHYS004.1
<b>POWER SUPPLY:</b>	100-240 V ~
<b>POWER FREQUENCY:</b>	50-60 Hz
<b>MAXIMUM ABSORBED CURRENT:</b>	1.5A @ 115Vac, 0.75A @ 230Vac
<b>MEDICAL CLASS / LASER CLASS:</b>	II B / IV
<b>INSULATION CLASS:</b>	II - Applied Part Type BF
<b>LASER SOURCE:</b>	3W
<b>DIMENSIONS / WEIGHT:</b>	167 x 18 mm (L x Ø) / 122 grams
<b>WAVELENGTH:</b>	810nm
<b>OPERATIVE MODE:</b>	Selectable: Continuous -Timed

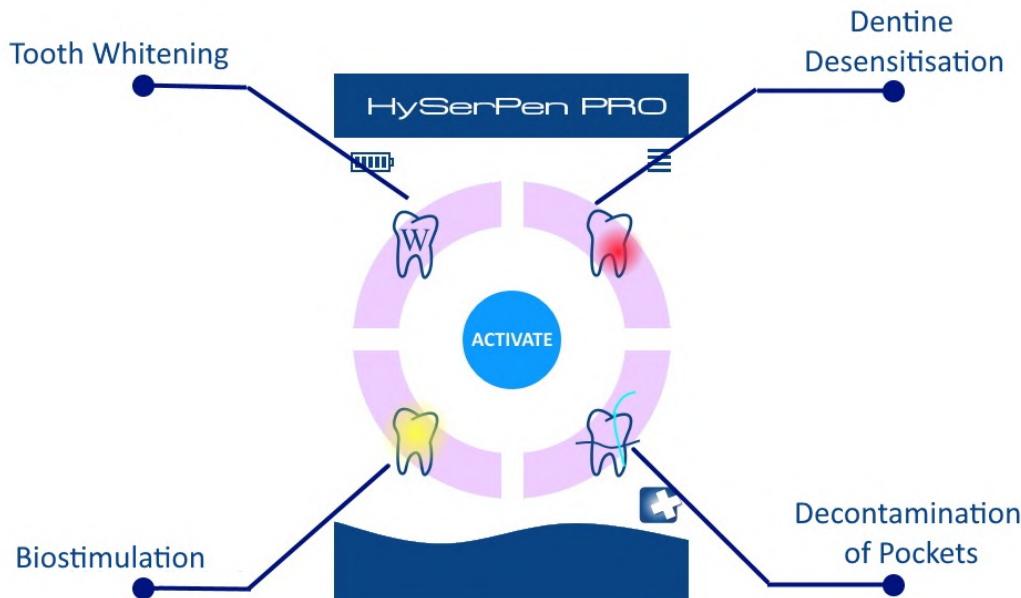
### Accessories included

- Base
- Handful
- USB power cable
- 10 Interchangeable Tips
- Large areas terminal
- Protective goggles
- Clinical protocols
- User Manual

Wireless semiconductor laser designed and certified for the Dental Hygienist with four preset protocols: **Biostimulation**, **Dental Desensitization**, **Dental Pockets Decontamination** e **Whitening**.

The polychromatic display with icons on the charging base, allows you to select the treatment in a simple and intuitive way, ensuring reliability and speed of use. **HySerpen Pro** is the **portable device** that can also be powered by a simple external power bank, allowing the professional to adapt to different working conditions, at their own clinic or supporting others colleagues. Thanks to its **compact size** and a **weight of only 122 gr**, **HySerpen Pro** allows you to operate properly on each patient, in this way the Hygienist is able to elevate its professional skills.

### Preset Protocols



# HYSERPEN PDT

## LASER TECHNOLOGY



### TECHNICAL DATA

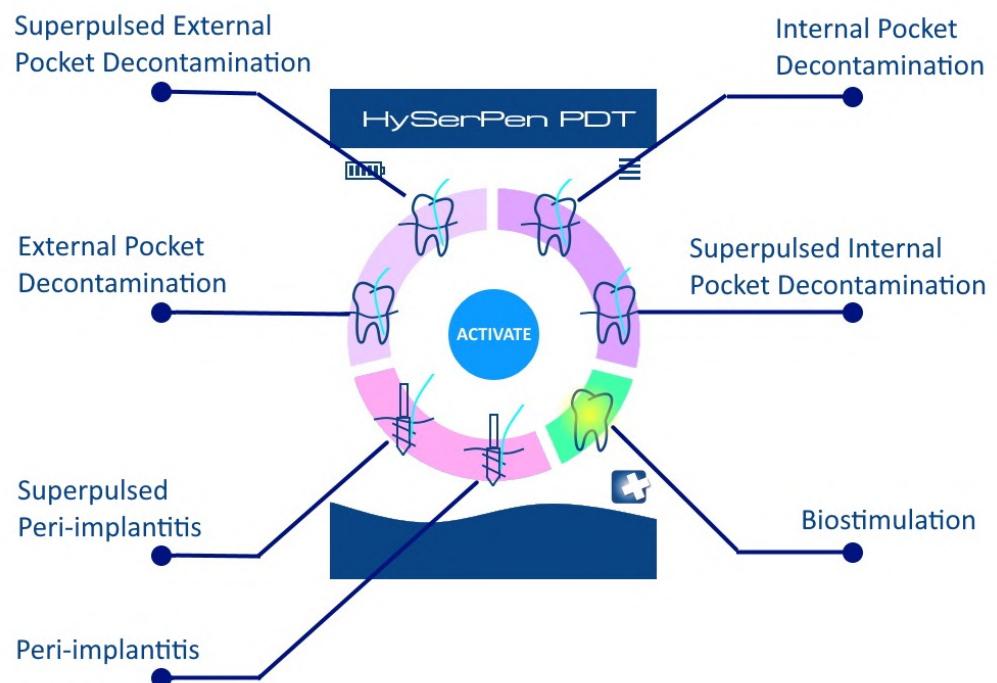
<b>CODE:</b>	PADLHYS005.1
<b>POWER SUPPLY:</b>	100-240 V ~
<b>POWER FREQUENCY:</b>	50-60 Hz
<b>MAXIMUM ABSORBED CURRENT:</b>	1.5A @ 115Vac, 0.75A @ 230Vac
<b>MEDICAL CLASS / LASER CLASS:</b>	II B / IV
<b>INSULATION CLASS:</b>	II - Applied Part Type BF
<b>LASER SOURCE:</b>	3W
<b>DIMENSIONS / WEIGHT:</b>	167 x 18 mm (L x Ø) / 122 grams
<b>WAVELENGTH:</b>	810nm
<b>OPERATIVE MODE:</b>	Selectable: Continuous -Timed

### Accessories included

- Base
- Handful
- USB power cable
- 10 Interchangeable Tips
- Large areas terminal
- Protective goggles
- Clinical protocols
- User Manual

**Wireless semiconductor laser designed and certified for P.D.T (Photo Dynamic Therapy).** Thanks to the polychromatic display with icons on the charging base, **is possible to select the seven preset protocols intuitively: Peri-implantitis, Superpulsed Peri-implantitis, External Pockets Decontamination, Superpulsed External Pockets Decontamination, Interior Pockets Decontamination, Interior Pockets Superpulsed Decontamination, Biostimulation.** Thanks to its **compact dimensions** and a **weight of only 122 gr** **Hyserpen PDT** allows to operate adequately on each patient and in each working condition, also managing the operation using a simple external power bank. The ideal solution for the professional who wants to increase his own productivity, rising up the number of devices dedicated to specific pathologies.

### Preset Protocols





### TECHNICAL DATA

#### CODE:

PASEOTIW005.2

#### POWER SUPPLY:

115-230 V ~

#### POWER FREQUENCY:

50-60 Hz

#### MEDICAL CLASS

II B

#### INSULATION CLASS:

I - Applied Part Type BF

#### AVERAGE POWER ABSORBED BY THE NETWORK:

10 W

#### PEAK POWER ABSORBED DURING THE WELDING PHASE:

1 KW

#### METHOD OF COMMITMENT:

Continuous operation

#### DIMENSIONS / WEIGHT:

28 x 27.5 x 19 cm (P x L x H) / 7 Kg (about)



#### Accessories included

- Control Pedal
- Welding Clamp
- Electrodes
- Cable Anti Shock System

#### Optional Accessories

- Clamp Classic electrodes
- Pointed electrodes
- Tapered electrodes

**It is a CE marked medical device used to join and stabilize immediate loading implants with a rigid splint in order to break down the masticatory forces applied on implants during healing and osseointegration.** By means of a welding clamp endowed with copper electrodes, a pre-fabricated titanium bar is welded to the implant abutments directly in the oral cavity: an intense electric discharge passes through the contact point between the two titanium elements for a very short time (few milliseconds) without heating the surrounding tissues.

The current flowing between the titanium elements warms up the point of fusion, achieving a solid welded junction. **Such rigid fixation reduces the mechanical stress exerted on each implant during mastication and prevents the risk of micromovements, thus favouring the stability of the implants during the early stages of bone integration.** There is no risk for the patient since during the welding process the pliers are automatically disconnected from the mains and the heat produced is dissipated through the copper electrodes thanks to the greater thermal conductivity of copper compared to titanium.

# ULTRADERM

## ELECTROPORATION



Designed & made in 

### TECHNICAL DATA

#### CODE:

PAELPFR001.1

#### POWER SUPPLY:

230 V ~

#### POWER FREQUENCY:

50 Hz

#### MEDICAL CLASS:

II B

#### INSULATION CLASS:

I - Applied Part Type BF

#### AVERAGE POWER ABSORBED BY THE NETWORK:

110W

#### IMPULSE WIDTH THAT CAN BE SET:

0-45 peak to peak

#### PULSE DURATION SETTABLE:

1 ms

#### PULSE REPETITION FREQUENCY:

10Hz

#### METHOD OF COMMITMENT:

Continuous operation

#### DIMENSIONS / WEIGHT:

38 x 28 x 26 cm (P x L x H) / 4 Kg (about)

#### Accessories included

- Handpiece equipped with electrodes for local applications

#### Optional Accessories

- Cosmetic kit including a 50ml bottle of active principle and two 50ml maintenance creams

**ULTRADERM** system uses low-intensity currents conveyed by electrodes that act directly on the skin creating new intracellular paths which temporarily increase the tissue permeability. The cell double lipid layer is subjected to a temporary rearrangement giving rise to the formation of aqueous channels in the cell membrane generally defined electropores. These channels bring into communication the surface of the skin with the underlying dermis ensuring the passage of active substances, also of high molecular weight, that would otherwise remain retained by the retention mechanisms of the epidermis. As a consequence, the cell membrane results more permeable to a wide variety of hydrophilic molecules as Ultraderm system is effective in decreasing the TEER (Trans Epithelial Electrical Resistance) of the horny layer thus favoring the intracellular uptake of the active substance through the aqueous channels. Unlike competitors' older devices, such system is able to convey active ingredients without using conductive bases. **Device that guarantees firming, toning and moisturizing the skin with rapid absorption and an effect of youth and shine on the skin from the first applications.**

**Skin Hyaluronic** Essential for maintaining the skin hydration and giving volume to the tissues, the hyaluronic acid is a natural substance normally present in the human body (a third of the hyaluronic acid of the organism is naturally eliminated and replaced every day) that tends, however, to decrease significantly with increasing age, thus creating wrinkles and visible aging signs on the face. **Skin Hyaluronic** is a solution of sodium hyaluronate and panthenol particularly suitable for its hydrating effect on the dehydrated skin devoid of a protective and homogeneous hydrolipidic film. **Thanks to the filling action of the hyaluronic acid, the aesthetic treatment with Skin Hyaluronic allows to smooth wrinkles restoring vitality and elasticity to the skin.**

**Skin Young** It is a compound of vitamins, amino-acids and minerals that promotes the recovery of the biological functionality of the skin. The bio-revitalization operated by the combination of Ultraderm and **Skin Young** results in the reduction of wrinkles and a firming and moisturizing effect.

**The vitamin complex acts as an anti-aging factor in contrasting the effects of premature aging of the skin by increasing the cellular metabolism and detoxification of the skin thanks to the elimination of metabolic wastes, exogenous and endogenous toxins.** The treatment is suitable for pre-mature skin. After the 5 protocolled sessions, **the result will be a global rejuvenation with tissue firming and a visible smoothing of the expression lines.**

**Skin Aging** It is a solution based on peptides, target molecules constituted by amino-acids concatenated into proteins, effective in the repair process of skin tissues and the synthesis of tissue macromolecules. In particular, the peptides act effectively against the formation of free radicals (whose oxidizing effect causes the loss of skin elasticity and the early appearance of wrinkles) **attenuating the expression wrinkles and restoring elasticity to the dehydrated and hypoelastic skin, especially in advanced age. The rapid absorption of peptides by means of Ultraderm system brings about a functional restoration of collagen and elastin with evident effects since the first application.**



# BEAUTY-AGE

## PHOTOREJUVENATION



### TECHNICAL DATA

#### CODE:

PAFTRAGE001.1

#### POWER SUPPLY:

230 V ~

#### POWER FREQUENCY:

50 Hz

#### MEDICAL CLASS:

II B

#### INSULATION CLASS:

I - Applied Part Type BF

#### AVERAGE POWER ABSORBED BY THE NETWORK:

110W

#### METHOD OF COMMITMENT:

Continuous operation

#### DIMENSIONS / WEIGHT:

38 x 6.5 x 28 cm (P x L x H) / 4 Kg ( about)



#### Accessories included

- Defocused handpiece for local applications

#### Optional Accessories

- Cosmetic kit including a 50ml bottle of active principle and two 50ml maintenance creams

The cold light lamp for photobiostimulation **allows to perform athermic and nonablative anti-aging treatments** of skin rejuvenation through the emission of light radiations of different wavelength, 680 nm in the preparatory phase and 880 nm in the stimulatory phase. By hitting the tissue microvasculature, **the light stimulates the fibroblasts to produce collagen and elastin regenerating the tissues damaged by physiological aging, UV rays exposure and lack of collagen as in case of acne scars and stretch marks.** At the same time, the cold light plays an inhibitory action on the metalloproteinase enzyme system that induces, after 40 years, the progressive degradation of collagen in the deep dermis causing skin aging. Through a cycle of 6-8 treatments over a period of two months, wrinkles are gradually filled and skin imperfections remodeled thanks to the cell renewal engendered by photodynamic therapy. The absence of side effects and the gentle approach of the treatment make it applicable even to areas unaffected by specific flaws giving greater firmness and elasticity to the tissues. The effects of the treatment can be intensified and maintained by applying specific cosmetic products for home use. The lamp large screen allows to perform the treatment on wider areas, while the defocused handpiece supplied with the equipment can be used locally for applications on smaller areas.

**Skin Hyaluronic** Essential for maintaining the skin hydration and giving volume to the tissues, the hyaluronic acid is a natural substance normally present in the human body (a third of the hyaluronic acid of the organism is naturally eliminated and replaced every day) that tends, however, to decrease significantly with increasing age, thus creating wrinkles and visible aging signs on the face. **Skin Hyaluronic** is a solution of sodium hyaluronate and panthenol particularly suitable for its hydrating effect on the dehydrated skin devoid of a protective and homogeneous hydrolipidic film. **Thanks to the filling action of the hyaluronic acid, the aesthetic treatment with Skin Hyaluronic allows to smooth wrinkles restoring vitality and elasticity to the skin.**

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# JoinPlant



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