

# DG-S PLATINUM



DG-5 Platinum is a highly technological 5W 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 two specific handpieces for surgery and therapy 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.

## Preset applications

1 Decontamination of periodontal pockets	20 Hemangioma treatment	40 Hair removal
2 Gingivectomy and gingivoplasty	21 Herpes treatment	41 Senile lentigo
3 Implant uncovering	22 Fistula treatment	42 Psoriasis
4 Perimplantitis	23 Aphtha treatment	43 Xanthelasma
5 Perimplant defects /bone regeneration	24 Impacted canine tooth	44 Angular Cheilitis
6 Abutment groove/imprint taking	25 Antalgic therapy	45 Actinic keratosis
7 Periodontal surgery (ie. gingival recession)	26 Biostimulation	46 Seborrheic keratosis
8 Root canal treatment	27 General traumatology	47 Scars
9 Endodontic surgery (ie. apicectomy)	28 Myofascial pain syndrome	48 Melanocytic nevi (cont.pulse)
10 Direct pulp hooding	29 TMJ treatment	49 Melanocytic nevi (short pulse)
11 Dentine vitrification	30 Telangiectasis treatment	50 Necrobiosis lipoidica
12 Endodontic material removal	31 Condyloma treatment	51 Folliculitis
13 Dentine desensitization	32 Wart treatment	52 Onicectomy
14 General oral surgery	33 Tooth whitening	53 Vitiligo
15 Frenulum removal	34 Photorejuvenation 1	54 Fibrous papules of the nose
16 Fibroma removal	35 Photorejuvenation 2	55 Pedunculated fibroma
17 Blood coagulation	36 Photorejuvenation 3	56 Epulis
18 Epithelial hypercromia	37 Photorejuvenation with active substances	57 Abscess
19 Oral leukoplakia treatment	38 Perioral aesthetics: laser and filler	58 Biopsy
	39 Face wrinkles: laser and peeling	59 Carpal tunnel
		60 Paresthesias

## Technical Data

**Manufacturer:** SWISS & WEGMAN SRL  
**Model:** DG-5 PLATINUM  
**Code:** PADLDG5P001.1  
**Power Supply:** 100-240 V~  
**Power frequency:** 50-60 Hz  
**Maximum Absorbed Current:** 1.5A @ 115Vac, 0.75A @ 230Vac  
**Medical Class Device:** II B  
**Insulation class:** I - applied part type BF  
**Laser class:** IV  
**Dimensions:** 26.5 x 20 x 10.5 cm (P x L x H)  
**Weight:** 2.6 Kg (about)  
**Laser emission Mode:** Selectable: Continuos - 500Hz - 1000Hz  
**Operating mode:** Selectable: Continuos - Timer  
**Maximum Laser power:** 5.0W  
**Adjustable laser power:** 0.1 - 5.0W with step of 0.1W  
**Wavelenght:** 810nm  
**Source laser Power:** 10.0W

### 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



SWISS & WEGMAN Srl  
Corso Stati Uniti 1/10 35127 - PADOVA  
Tel. +39 049/8961111 - Fax +39 049/2106326  
e-mail: info@swiss-wegman.com  
www.swiss-wegman.com

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