SurgicalRay
The Medical Lasers

# DG-5 PLATINUM

## LASER TECHNOLOGY

Designed & made in Italy

## TECHNICAL DATA

**CODE:**
PADLDG5P001.1

**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

**DIMENSIONS / WEIGHT:**
26.5 x 20 x 10.5 cm (P x L x H) / 2.6 Kg (about)

**MAXIMUM POWER / LASER SOURCE:**
5 W / 10 W

**ADJUSTABLE LASER POWER:**
0.1 - 5 W with step of 0.1 W

**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 **5W diode laser** designed **for those dental practicioners 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 l/ 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 Telangectasis 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

( * ) All cosmetic treatments are not subject to CE Certification for Medical Device according to Directive 93/42/CE.

MEDYCORE MEDICAL EQUIPMENT

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



CE 0476