

Specification

| | |
|--------------------------|---|
| Wavelength | 450nm/650nm/980nm |
| Wavelength and Max.Power | 450nm: 3W CW; 5W Pulse 650nm: 400mW CW 980nm: 8W CW/Pulse |
| Emission Mode | CW/Pulse |
| Medium | InGAsP Diode |
| Optic Fiber Diameter | 200/400um |
| Pulse Width | 10us~900ms |
| Super High Frequency | 50KHz |
| Display | 7"OLED Touch-Screen |
| Dimension | 190mm*155mm*260mm |
| Weight | 1.5Kg |
| Aiming Laser Wave Length | 650nm |
| Battery | Built-in Rechargeable Lithiumion |
| Battery Capacity | 7200mAh |

SOGA Global Sales Net work

Currently, our products have been sold in more than 50 countries around the world and until now we have 30 patent applications and 15 patents



SOGA[®]

SOGA-ILaser I Plus

The World First Smart Triple Wavelength Diode Laser
All that can be done with ILaser I Plus



Innovative Triple-Wavelength



Blue Wavelength-450nm

•Tooth Whitening

Hemostasis Pretty high photon energy for activating the molecules of whitening gel
Efficiency of all dental diode laser

Infrared Wavelength-980nm

•Soft tissue surgical procedure,Endo & Perio

Efficiency and Coagulation (Hemostasis) at very low power settings
High efficiency of anti-bacterial and anti-inflammatory
High power laser treatment(HPLT)
Pain reduction in TMJ

Red Wavelength-650nm

•Photobiomodulation

Perfect for Photomodulation(PBM)
Low Level Laser Therapy(LLLT)
Faster Wound Healing
Pain-free Dental Treatments

Applications

| Specialty | ClinicalApplications | 450nm | 650nm | 980nm |
|----------------|--------------------------------|-------|-------|-------|
| Periodontology | Periodontic Germ Reduction | | | ★★★★ |
| | Peri-implantitis | | | ★★★ |
| Endodontics | Root Canal Disinfection | | | ★★★ |
| | Pulpotomy | | | ★★★★ |
| Oral Surgery | Abscess | | | ★★★★ |
| | Fibroma | ★★★★ | | ★★ |
| | Frenectomy | ★★ | | ★★★ |
| | Gingivectomy/Gingivoplasty | ★★★★ | | ★★★ |
| | Implant Exposure(second stage) | ★★★★ | | ★★★ |
| | Crown Lengthening | ★★★★ | | ★★ |
| | Incision/Excision | ★★★★ | | ★ |
| | Hemostasis | ★★★★ | | ★★ |
| | Wound Healing | ★★★ | ★★★★ | ★★ |
| Other | Aphthous Ulcers | | ★★★ | ★★★ |
| | Desensitization | | ★★★★ | ★ |
| | Tooth Whitening | ★★★★ | | ★★ |
| | TMJ Disorders | | ★★★★ | ★★ |

SOGALaser I Plus



Personal Laser Device:

No external power cords or laser firing pedals are required during use, maximizing mobility and portability (You can also connect a laser launch pedal, there are two modes to choose freely). The built-in long-life lithium battery can last for one month on a single charge.

7-inch Touch Screen:

Works with wet hands and medicalgloves

Multifunctional:

More than 10 built-in preset programs

Triple Wavelength:

450nm+650nm+980nm



Easy to operate:

Handpiece has power adjustment button

Fiber Optic Tip Models of Dental Diode Laser

Optional



Whitening Handpiece For teeth

whitening/bleaching, treats an entire quadrant consistently and comfortably



TMJ Handpiece

For pain management in TMD

| Non-initiated | Models | Φ | Length | Intended |
|---------------|--------|-------|--------|-------------|
| | F4-4 | 400um | 4 | Surgery |
| | F4-7 | 400um | 7 | Periodontal |
| | F4-9 | 400um | 9 | Periodontal |
| | F2-14 | 200um | 14 | Periodontal |
| | F2-20 | 200um | 20 | Root canal |

| Pre-initiated | Models | Φ | Length | Intended |
|---------------|--------|-------|--------|-------------|
| | PF4-4 | 400um | 4 | Surgery |
| | PF4-7 | 400um | 7 | Periodontal |
| | PF4-9 | 400um | 9 | Periodontal |

Disposable Tips Available in two different sizes:200µm 400µm