



## Diode laser- I LASER I PLUS-3 wavelengths

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

Beyond Injection

## **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	Clinical Applications	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	★★★	★★★★	★★
	Aphthous Ulcers		★★★	★★★
Other	Desensitization		★★★★	★
	Tooth Whitening	★★★★		★★
	TMJ Disorders		★★★★	★★



### 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 medical gloves

### 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-tip**

Teeth Whitening



**Physiotherapy-tip**

Wound healing  
Burning Mouth  
Dentin Hypersensitivity



**TMJ-tip**

Wound healing  
Burning Mouth  
Dentin Hypersensitivity  
Three Different Size

\*Three sizes of Fiber TMJ-tip luminous surface diameter: 14mm 20mm 30mm

## Specification

Wavelength	450nm/650nm/980nm
Wavelength and Max.Power	450nm:3W CW/Pulse 650nm:200mW CW 980nm:8W CW/Pulse
Emission Mode	CW/Pulse
Medium	InGaAsP 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-I LASER PLUS**