



# CATALOGUE

# SOGA

## DENTAL LASER



DENTAL EQUIPMENT / SOGA / ENDODONTIC, SURGERY

# CATALOGUE

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## 20 CUSTOMER SUPPORT

Monday - Friday : 8am - 5pm. (GMT +7)  
Saturday : 8am - 1pm. (GMT + 7)

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# OVERVIEW *SOGA*<sup>®</sup>

## WHY DENTAL LASER?

- *Shenzhen Soga Technology Co., Ltd. Found in 2015, is a provider specializing in dental device R&D, Manufacturing, and marketing. Have an experience selling to Europe, Asia, and many other countries. One of the main market leaders of Dental Laser in China.*
- *Have three types of Dental Laser: ILaser I, ILaser I Plus, ILaser II which can be choose based on Doctors preferences and needs.*
- *Dental Laser if compared with scalpel is more painless, if compared with electro-surgery laser doesn't have contra-indication for using with patient using cardiac pacemakers.*
- *Dental Laser can healing faster than scalpel or electro-cauter and reduce bleeding.*
- *Dental Laser are superior to scalpel or electro-cauter.*
- *PT Integra Meditama as an Exclusive Distributor of Dental Laser SOGA in Indonesia will give after sales service on behalf our sales representatives around Indonesia.*



CATALOGUE

OVERVIEW

ILASER I

ILASER I +

ILASER II



SOGA DENTAL  
DIODE ILASER I

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## SOGA DENTAL DIODE ILASER I

## PACKAGING

**You will get :**

- Dental diode laser mainframe
- mainframe case
- Fiber optic tips (8 pcs)
- Adaptor and cable
- Handpiece cover (2pcs)
- Protective glasses (3pcs)
- Fiber cleaner
- Fiber bender
- Certification of qualification
- User manual
- Laser warning label (a set)

## ADD ON

Optional accessories

**Pedal****Teeth whitening handpiece****TMJ Physiotherapy handpiece****Tip (1 Box)**

SOGA DENTAL DIODE ILASER I



## SOGA DENTAL DIODE ILASER I

# Detail Device

SOGA DENTAL DIODE ILASER I

## 1 Personal laser device

No external power cord 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 build-in long-life lithium battery can last for one month on a single charge.

## 2 Dual wavelength: 650nm+980nm

## 3 Easy to operate, every one can learn to use it.

Start up without waiting, use it immediately

## 4 More than 10 build-in

More than 10 build-in clinical indication parameter templates can automatically save your settings, which is simple and save your time.

## 5 Pay attention to every little detail of use






## 6 The handle is removable and also autoclavable




## 7 Handpiece has power adjustment button which makes is easy to operate

## 8 Laser switch buttons ensure maximum safety

## SOGA DENTAL DIODE ILASER I

# FIBER OPTIC TIP MODEL OF DENTAL DIODE LASER

NON-INTIATED	MODELS	$\phi$	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-INTIATED	MODELS	$\phi$	LENGTH	INTENDED
	PF4-4	400um	4	Surgery
	PF4-7	400um	7	Periodontal
	PF4-9	400um	9	Periodontal

Optical fiber tips are autoclavable consumables



## SOGA DENTAL DIODE ILASER I

## ALL INDICATIONS AT A GLANCE

Surgery	Perio & Hygiene	Endodontics	Other
<ul style="list-style-type: none"> <li>• Biopsy</li> <li>• Crown lengthening</li> <li>• Excision of lesions</li> <li>• Exposure of unerupted / partially erupted teeth</li> <li>• Fibroma removal</li> <li>• Frenotomy</li> <li>• Gingival incision and excision</li> <li>• Gingival troughing</li> <li>• Gingivectomy</li> <li>• Gingivoplasty</li> <li>• Implant recovery</li> <li>• Incisions and draining of abscesses</li> <li>• Laser assisted flap surgery</li> <li>• Leukoplakia</li> <li>• Operculectomy</li> <li>• Papilectomy</li> <li>• Reduction of gingival hypertrophy</li> <li>• Removal of granulation tissue</li> <li>• Removal of hyperplastic tissues</li> <li>• Tissue retraction for impressions</li> <li>• Vestibuloplasty</li> <li>• Wound healing</li> </ul>	<ul style="list-style-type: none"> <li>• Debridement of diseased epithelial lining</li> <li>• Laser removal of diseased, infected, inflamed and necrosed soft tissue within the periodontal pocket</li> <li>• Laser soft tissue curettage</li> <li>• Sulcular debridement (removal of diseased, infected, inflamed and necrosed soft tissue in the periodontal pocket to improve clinical indices including gingival index, gingival bleeding index, probe depth, attachment loss and tooth inability)</li> </ul>	<ul style="list-style-type: none"> <li>• Pulpotomy</li> <li>• Pulpotomy as adjunct to root canal therapy</li> </ul>	<ul style="list-style-type: none"> <li>• Hemostasis of donor site</li> <li>• Herpetic ulcers of the oral mucosa</li> <li>• Treatment of aphthous ulcers</li> <li>• Treatment of canker sores</li> <li>• Bleaching / Whitening</li> <li>• Low Level Laser Therapy (LLLT) / Photobiomodulation (PBM)</li> <li>• Dentin Hypersensitivity</li> <li>• Burning Mouth</li> </ul>

**Technical Specification:**

Dual wavelength: 650nm+980nm  
 Optic fiber diameter: 200/400 um  
 User interface: OLED display screen  
 Laser type: Type IV, InGaAs. Diode laser  
 Emission mode: Continuous mode and pulse mode  
 Work power supply: build-in rechargeable lithiumion battery

Dimension: 190mm x 55mm x 260mm  
 Aiming laser wave length: 650nm  
 Laser power: 0.5-8w  
 Weight: 1858g

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OVERVIEW

ILASER I

ILASER I +

ILASER II



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DIODE ILASER I PLUS

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## SOGA DENTAL DIODE ILASER I PLUS

# PACKAGING

## You will get :

- Dental diode laser mainframe
- mainframe case
- Fiber optic tips (8 pcs)
- Teeth whitening handpiece
- TMJ Physiotherapy handpiece
- Adaptor and cable
- Handpiece cover (2pcs)
- Protective glasses (3pcs)
- Fiber cleaner
- Fiber bender
- Certification of qualification
- User manual
- Laser warning label (a set)



## ADD ON

Optional accessories



**Pedal**



**Teeth whitening handpiece**



**TMJ Physiotherapy handpiece**



**Tip (1 Box)**

SOGA DENTAL DIODE ILASER I PLUS



## SOGA DENTAL DIODE ILASER I PLUS

# Detail Device

SOGA DENTAL DIODE ILASER I

## 1 Personal laser device

No external power cord 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 build-in long-life lithium battery can last for one month on a single charge.

## 2 7-inch Touch Screen:

Works with wet hands and medical gloves

## Multifunctional:

More than 10 built-in preset programs

## 4 Triple Wavelegth:

450nm+650nm+980nm











## 5 Easy to operate:

Handpiece has power adjustment button

## SOGA DENTAL DIODE ILASER I PLUS

# FIBER OPTIC TIP MODELS OF DENTAL DIODE LASER

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  
Size: 200um | 400um

## SOGA DENTAL DIODE ILASER I PLUS

## 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	★★★	★★★★	★★
Other	• Aphthous Ulcers		★★★	★★★
	• Desensitization		★★★★	★
	• Tooth Whitening	★★★★		★★
	• TMJ Disorders		★★★★	★★

### Technical 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 x 155mm x 260mm
- Weight : 1.5Kg
- Aiming Laser Wave Length : 650nm
- Battery : Build-in Rechargeable Lithiumion
- Battery Capacity : 7200mAh

CATALOGUE

OVERVIEW

ILASER I

ILASER I +

ILASER II

## SOGA DENTAL DIODE ILASER II



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DIODE ILASER II

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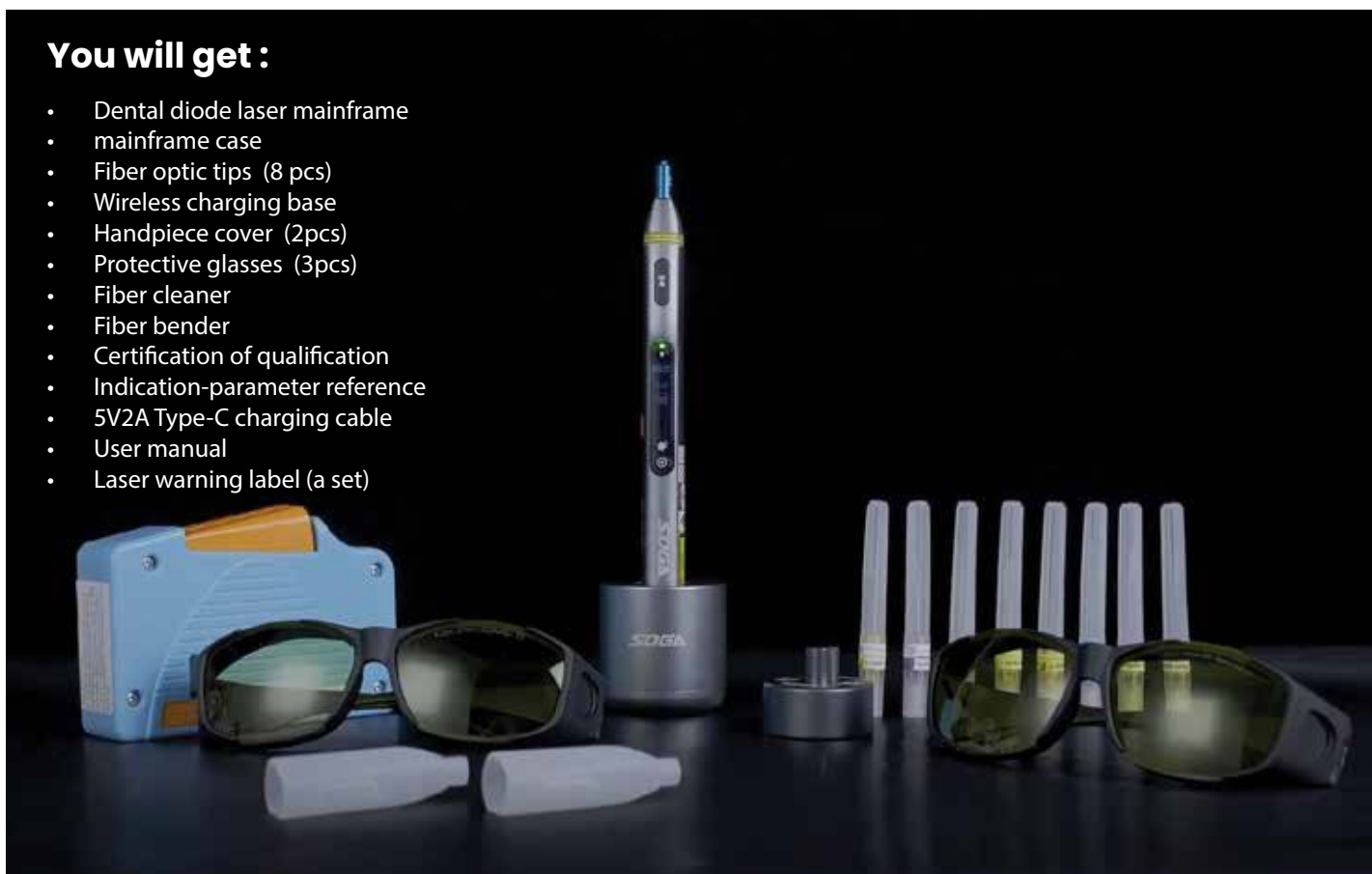


## SOGA DENTAL DIODE ILASER II

## PACKAGING

## You will get :

- Dental diode laser mainframe
- mainframe case
- Fiber optic tips (8 pcs)
- Wireless charging base
- Handpiece cover (2pcs)
- Protective glasses (3pcs)
- Fiber cleaner
- Fiber bender
- Certification of qualification
- Indication-parameter reference
- 5V2A Type-C charging cable
- User manual
- Laser warning label (a set)



## SELF-CONTAINED MINIATURE DESIGN



### Technical Specification:

Laser power: 0.5W-5W  
 Dual wavelength: 650nm+980nm  
 Optic fiber diameter: 200 / 400um  
 Laser type: Type IV, InGaAs diode laser  
 Emission mode: Continuous mode and pulse mode  
 Work power supply: build-in rechargeable lithiumion battery

User interface: OLED display screen  
 Aiming laser wave length: 650nm  
 Dimension: 190mm x 17mm  
 Weight: 106g

## SOGA DENTAL DIODE ILASER II



## Combining power and portability into a tiny design

No need to connect external power or laser irradiation pedals, maximizing mobility box portability



## Easy to operate, every one can learn to use it

Smart key-soft ignition technology ensures smooth laser switching. Build-in smart memory chip, no need to wait to power on, no burden some settings.



## More accurate and more comfortable

The laser power automatic control function adopts PID algorithm to form a closed-loop control, which can automatically control the laser power.



## Many functions are at your fingertips

The working power and transmission mode can be easily adjusted to meet the needs of various clinical applications.

### Typical applications of stomatology

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#### Oral surgery

Abscess, crown elongation, fibroma, labioglossectomy, gingival resection, gingival plasty, leukoplakia, mucocele, secondary implant exposure, orthodontic eruption, gingival retraction.

#### Laser therapy

Oral ulcer, herpes, periimplantitis, temporomandibular arthritis, hemostasis and coagulation, tooth whitening.

#### Endodontist

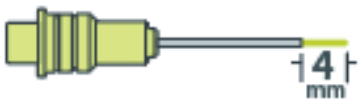
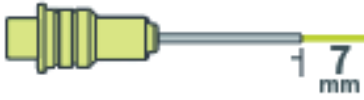

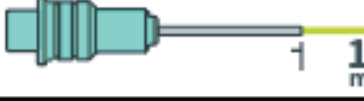
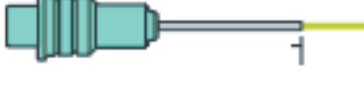
Sterilization of root canal and pulp amputation.

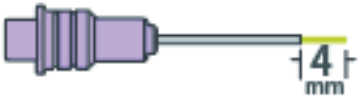
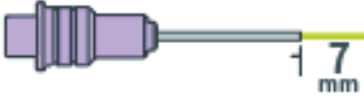
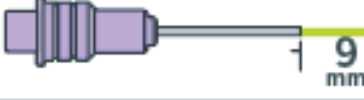
#### Periodontics

Curettage of periodontal pocket and periodontal sterilization.

## SOGA DENTAL DIODE ILASER II

# FIBER OPTIC TIP MODELS OF DENTAL DIODE LASER

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



# CONTACT US

Become YOUR #1 BEST PARTNER  
in the dental industry

We value your feedback and are here to assist you. Please don't hesitate to get in touch with us for any inquiries, suggestions, or concerns. We're committed to providing you with excellent service.



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