iLaser 1

The World First Smart
Triple Wavelength Diode Laser

- **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 eficiency of anti-bacterial and anti-inflammatory
  High power laser treatment(HPLT)
  Pain reduction in TMJ

- **Red Wavelength 650nm**
  Photobiomodulation
  Perfect for Photomodulation(PBI)
  Low Level Laser Therapy(LLLT)
  Faster Wound Healing
  Pain-free Dental Treatments

Specialty	Periodontic Germ Reduction	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	★★★★		★★
	Would Healing	★★★	★★★★	★★
Other	Aphthous Ulcers		★★★	★★★
	Desensitization		★★★★	★
	Tooth Whitening	★★★★		★★
	TMJ Disorders		★★★★	★★

Personal Laser Device

No external power cord or foot pedal needed during use-increase mobility & 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 & 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**

Whitening Handpiece for Teeth
Whitening/bleaching. treats an entire quadrant consistently and comfortably

TMJ Handpiece
For pain management in TMD

Non-initiated	Models		Length	Intended
4 mm	F4-4	400um	4	Surgery
7 mm	F4-7	400um	7	Periodental
9 mm	F4-9	400um	9	Periodental
14 mm	F2-14	200um	14	Periodental
20 mm	F2-20	200um	20	Root Canal

Pre-initiated	Models	4	Length	Intended
4 mm	PF4-4	400um	4	Surgery
7 mm	PF4-7	400um	7	Periodental
9 mm	PF4-9	400um	9	Periodental

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

- **iLaser in Practice**

Frenectomy

- Interventions involving low levels of pain and bleeding
- Immediate hemostasis
- No sutures and less scars, accelerated wound healing
- Often no more than surface anesthesia required, virtually no post-operative discomfort

Before

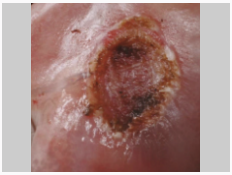
Directly After

Healing

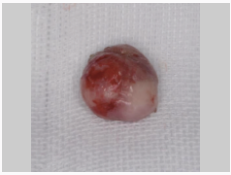
Proliferative Excision

- Removal of the mucosal lesion
- Direct coagulation without sutures
- Non-irritated wound area with no secondary bleeding
- Reduced scar formation

Before



Directly After



Healing

Gingivoplasty

- Easy visualization of clean contours

Before

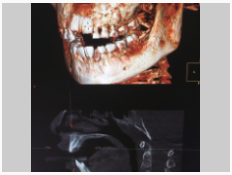
Directly After

Healing

Help to sprout

- No need to bleed and stitch
- Easy to help teeth grow

Before



Directly After

Healing

Specifications

Wavelength	450nm/650nm/980nm
Wavelength & 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 Li-ion
Battery Capacity	7200mAh