

Touch to operate
—all on

Phone



SOLASE DENTAL DIODE LASER

*We focus on
dental laser!*

www.lazonlaser.com

Touch to Operate —All on Phone



Better
experience



Patients'
treatment records



14 factory-loaded
presets

From now on, all operations can be done on your iOS devices with better experience beyond your imagination. You can even save your patient's treatment records on our App for reference of further use. With more than 14 factory-loaded presets, just one touch is enough to get ready of your laser. Unlimited custom presets are also available.



10W Laser Power brings to more accessibilities!

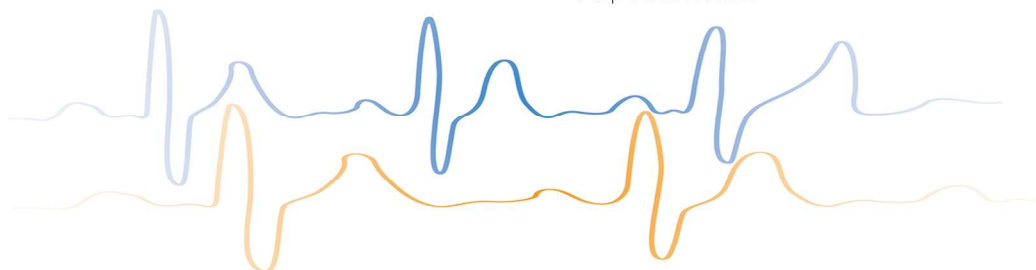


With up to 10W laser power, the SOLASE Laser can be used in a wide range of procedures including coagulation, incision, hemostasis and disinfection of oral soft tissues, as well as teeth whitening and pain reduction.

Charring Reduced, Healing Improved

10µs
Pulse Interval

20kHz
Repetition Rate



The SOLASE Laser can generate a shortest laser pulse in the market - up to 10µs of interval and 20kHz of repetition rate- helping to reduce the charring and accelerate the postoperative healing.

Precise Power, Stable Temperature



Excellent suppliers
from Germany



16W laser
diode chip



Dynamic Temperature
Stabilization System

As the key component, we only choose the best laser chip supplier from Germany. Normally, laser power will decrease with the use of time. To solve the problem, we chose a laser chip with a nominal power of 16W but just use 10W from it, leaving 6W to compensate the possible power decrease, regardless of the sharp increase in costs.

Temperature instability will seriously lead to power drift. Combining Peltier-Seebeck Effect, Heat Pipe and Forced Air Cooling, the SOLASE Laser achieves its perfect Dynamic Temperature Stabilization System.

Disposable Fiber Tips



Unique integration design of disposable fiber tips and sleeve helps to simplify the preparation and prevent cross infections. The SOLASE Laser provides three types of tips: 400µm, 300µm and 200µm, for the treatment of surgery, periodontal and root canal respectively. A tip bender is also included to help bend the tip to any angle.



Bye-bye, Mr. Cable



All Bluetooth connection



Dual Power Source

With Bluetooth, no cable is needed to connect the base units with your iOS device and the wireless footswitch. The laser can also be powered by a built-in Li-ion battery without power adapter.



Specifications

- | | |
|--------------------------------|---|
| ● Laser Classification | Working beam: Class 4
Aiming beam: Class 2
(According to IEC/EN 60825-1:2007) |
| ● Wavelength | 808±10nm or 976±10nm, chosen by user |
| ● Max Power Output | 976nm: 10W
808nm: 7W |
| ● Display / control | iPhone, iPad or iPod Touch |
| ● Pulse Duration | 0.01ms-0.9s |
| ● Pulse Repetition Rate | Up to 20kHz |
| ● Laser Mode | CW or pulse mode |
| ● Tip Diameter | 200µm, 300µm, 400µm |
| ● Aiming Beam | 2mW, 650nm |
| ● Power Input | By DC power supply (100-240VAC, 50-60Hz) or by rechargeable lithium batteries |
| ● Size and weight | 138 x 142 x 168 mm, 1.3 kg |
| ● Warranty | Two (2) years |

Applications

- | | |
|--|---|
| ● Surgery
Gingivectomy/Gingivoplasty
Implant Uncovery
Operculectomy
Frenectomy/Frenotomy
Hemostasis
Herpes
Apthous Ulcers
Fibroma
Abscess Excision | ● Periodontology
Periodontal Pockets
Peri-implantitis
Gingivitis
Troughing
Sulcular Debridement |
| ● Cosmetics
Tooth Whitening
Crown Lengthening | ● Endodontics
Pulpotomy |
| | ● Bio-Stimulation
Temporary Pain Relief |



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