

Touch to operate  
—all on

iPod



# SOLASE DENTAL DIODE LASER

*We focus on  
dental laser!*

[www.lazonlaser.com](http://www.lazonlaser.com)

## Touch to Operate —All on iPod!



Better  
experience



Patients'  
treatment records



14 factory-loaded  
presets

From now on, all operations can be done on iPod Touch with better experience beyond your imagination. You could even save your patients' treatment records on iPod for reference of further use. With more than 14 presets factory-loaded, just one touch is enough to get ready of your laser. Custom presets are also available.



## 10W Laser Power brings to more accessibilities!

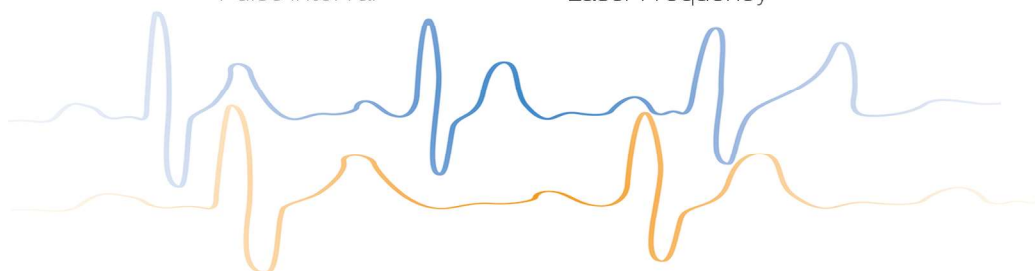


With up to 10W of laser power, the SOLASE Laser can be used in a wide range of procedures including coagulation, incision, hemostasis and disinfection of oral soft tissues, as well as teeth whitening and pain reduction.

## Charring Reduced, Healing Improved!

10µs  
Pulse Interval

20kHz  
Laser Frequency



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

# Precision Power, Stable Temperature!



Excellent suppliers  
from Germany



Smart Negative  
Feedback Tech



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. Moreover, with our newly developed Smart Negative Feedback Tech, the laser power remains stable and unaffected by aging.

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.

## Fiber Tips Disposable



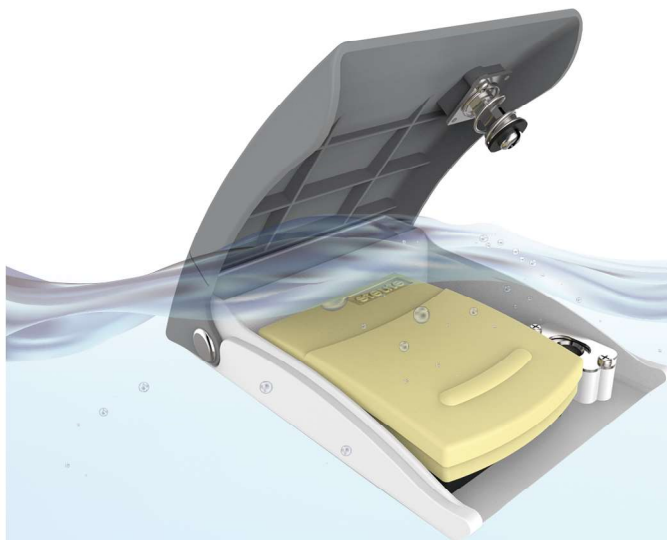
Unique integration design of disposable fiber tips and sleeve helps to simplify the preparation and prevent cross infections. The SOLASE Laser provides three types of tips: 400µm, 300µm and 200µm, for the treatment of surgery, periodontal and root canal respectively. A tip bender is also included to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



## IPX8 Wireless Footswitch

# 2m

Water Resistant



IPX8 rated wireless footswitch, make it possible to be immersed even at a depth of 2 meters under water and withstand complex working environment.

## Specifications

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

## Applications

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



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