<table>
<thead>
<tr>
<th>Type</th>
<th>CHEESEII</th>
<th>CHEESE Link</th>
<th>CHEESE</th>
</tr>
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<tbody>
<tr>
<td>Wavelength</td>
<td>810nm/980nm</td>
<td>980nm/940nm</td>
<td>980nm/940nm</td>
</tr>
<tr>
<td>Maximum Power</td>
<td>4W</td>
<td>7W</td>
<td>10W</td>
</tr>
<tr>
<td>Operation Mode</td>
<td>CW, Repeat Pulse</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pulse Duration</td>
<td>25μs-1s</td>
<td>1ms-1s</td>
<td></td>
</tr>
<tr>
<td>Repetition Rate</td>
<td></td>
<td>0.05Hz-20KHz</td>
<td></td>
</tr>
<tr>
<td>Pilot Beam</td>
<td>Red Diode Laser Of 650nm, Power &lt;5mW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Control Mode</td>
<td>Touch Screen, 7”, True Color</td>
<td>Touch Screen, 4.3”, True Color</td>
<td></td>
</tr>
<tr>
<td>Dimension</td>
<td>265(H)*200(W)*210(L)mm</td>
<td>200(H)*120(W)*155(L)mm</td>
<td></td>
</tr>
<tr>
<td>Lifetime</td>
<td>Over 10000 hrs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warranty</td>
<td>12 months free warranty, 5 years technical support</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>1.8Kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Packing</td>
<td>Carry case with carton</td>
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</tr>
</tbody>
</table>

**ABOUT GIGAA**

GIGAALASER is specializing in the design, manufacture and sale of medical diode lasers and accessories. Our products cover some disciplines of human, dental and veterinary medicine. For each discipline, a broad range of high quality accessories is available. We have a strong emphasis on research and development, production, service and training. Working in conjunction with hospitals and physicians is just as important as good communication.

During April 2010, GIGAALASER have completed a new financing platform for cooperation. The Biolake which is China’s largest medical bio-industry base has regarded our company as the largest manufacturer of medical diode laser systems and offered us new investment. We will take full advantage of this new platform, using the development, production, financial, human and other resources to accelerate the development. We will continue to provide new medical technology and good service to our honorable customers.

**Lasers for Dentistry**

Endodontia  
Periodontology  
Oral Surgery  
Biostimulation  
Aesthetics  

**CLASS 4 LASER PRODUCT**  
**LASER RADIATION**  
**AVOID EYE OR SKIN EXPOSURE TO DIRECT SCATTERED RADIATION**

**ADD:** 89 AE, Building 98, Hi-Tech Medical Device Industrial Park, #818 Gaoxien Avenue, Wuhan 430205, China  
**Tel:** 86-27-67948871 67948872  **Fax:** 86-27-67948873  
**http://www.gigaalaser.com**  **Email:** info@gigaalaser.com

**Wuhan Gigaal Optronics Technology Co.,Ltd.**
INTRODUCTION

The dental lasers from GIGALASER is the most reasonable but advanced laser available for soft tissue dental applications, the special wavelength has high absorption in water and haemoglobin combines precise cutting properties with immediate coagulation. With 100KHz frequency, it can cut the soft tissue very fast and smoothly with less blood and less pain than ordinary dental surgery device. Aside from an application in soft tissue surgery, it is also used for other treatments such as decontamination, biostimulation and tooth whitening.

ADVANTAGES

Less and Sometimes No Blood Loss for Surgery
Effective Treatment of Oral Therapy
Sensitivity is Detected On Time
Dental Cosmetic Usage, Tooth Whitening

CLINICAL APPLICATIONS

A. Periodontal Therapy
- Gingivitis-2W
- Periodontitis – Pulse, 500/500ms, 1-2.5W
- Operculectomy - CW, 3-3.5W
- Frenectomy – CW, 2-2.5W
- Gingivectomy – CW, 1.5-2W

B. Endodontics
- Root canal sterilization- CW, 1W
- Periapical abscess- CW 1.2-1.5W
- Caries-Pulse 1.2W, 500/500ms
- Desensitization- Pulse, 30/30ms, 3W
- Laser analgesia, CW, 2W

C. Oral surgery
- Soft tissue excision-2W
- Ablation-2.5W
- Implant exposure-CW, 2-3W
- Peri-implantitis-2W
- Aphthe and herpetic- 1.5W

D. Aesthetic procedures
- Bleaching – CW, 1.5-3W
- Depigmentation – CW, 2-3.5W
- Gummy smile correction -2W
- Aphthe and herpetic, CW, 1.5-2W
- Crown lengthening, CW, 1.5W

E. Biostimulation
- Teeth desensitization –Pulse, 30/30ms, 0.5-5W
- Post extraction-0.8W
- TMJ -0.8W
- Haemostats-CW, 0.8-1.5W
- Leuko plakia-2W

Bare fiber
- Length: 3m
- Diameter: Φ 13.8mm
- Spot size: 200μm/400μm/600μm
- SMA 905 connector

Surgery handpiece
- Aluminum Alloys
- Length: 140mm
- Diameter: Φ 16.6mm
- Spot size: 40mm/L*10mm/parallel
- SMA905 spot size, Φ 600μm
- Tool whitening & Therapy

Bleaching & Biostimulation handpiece
- Aluminum Alloys
- Length: 140mm
- Diameter: Φ 16.6mm
- Spot size: 40mm/L*10mm/parallel
- 4915P+ spot size, Φ 600μm
- Tool whitening & Therapy

Bluetooth foot switch
- 4915P+ connector
- Bendable
- Folding Construction
- Bluetooth

Dental Laser is a Part of Solution for Soft Tissue Management