and accelerate your practice...

with the press of a pedal.

Experience the Odyssey® 2.4G featuring the revolutionary wireless power control pedal.
## Specifications:

**Weight:** 5.5 lbs.

**Dimensions:** 6 1/4”(W) X 3 3/4”(L) X 5 1/2”(H)

**Power Range:**
- 100 mW to 5.0 Watts in 100 mW increments
- Aiming Beam (0.3 W)

**Laser Classification:**
- Laser Diode: Class 4 Laser Device

**Wavelength:**
- Laser: 810 nm ± 20 nm
- Aiming Beam: 630 nm – 660 nm ±15 nm
- Beam Divergence: 9 degrees ± 1 degree

**Settings:**
- Manual
- Capability for three customized and programmable settings
- 5 Levels of aiming beam intensity

**Modes:**
- Continuous Wave or Pulse
- Hertz Rate in Pulse Mode – fixed: 10 Hz
- Pulse Duration: fixed: .05 seconds
- Duty Cycle (pulse mode): 50%

**Audible Notification:** Yes

**Visual Notification:** Yes

**Power Requirements:**
- Odyssey 2.4G Unit 110 - 120 VAC @ 60 Hertz
- Odyssey 2.4G Wireless Pedal – 9V battery

**Amperage:** 3 Amps @ 110 - 115 VAC

**Complies with:**
- IEC 60601-2-22
- IEC 60825-1
- 21 CFR 1040.10 and 1040.11
- UL 2601-1
- FCC Parts 15 & 18 (47 CFR)
- EN-300 228
- EN-301 489

## Ordering Information

**595126 Odyssey 2.4G Diode Soft Tissue Laser w/Accessory Kit**
1. Odyssey 2.4G Laser Unit with 400 Micron Fiber Cartridge System
2. Fiber Stripper Tool
3. Fiber Cleaver
4. Protective Glasses Window Sides
5. Protective Glasses Solid Sides
6. Protective Glasses Plain
7. Package of (20) Hand Piece Tips - straight
8. Package of (20) Hand Piece Tips - 60 degree angle
9. Hand Piece (autoclavable)
10. Laser Key
11. Wireless Foot Pedal
12. Wireless Receiver
13. 9 Volt Lithium Battery
14. Power Cord
15. Odyssey 2.4G Hexdriver (under wireless pedal)
16. Odyssey 2.4G Training DVD
17. Odyssey 2.4G Owner’s Manual
18. Odyssey 2.4G Clinical Guide
19. Laser Safety Sign
20. Warranty Information

**Accessories:**
- 579031 Fiber Stripper Tool
- 579032 Fiber Cleaver
- 598558 Protective Glasses - Solid Side Style
- 598559 Protective Glasses - Plain Side Style
- 598560 Protective Glasses - Window Side Style
- 579036 400 Micron Fiber Cartridge System
- 579039 Package of (20) Hand Piece Tips - straight
- 579116 Package of (20) Hand Piece Tips - 60 degree angle
- 579038 Hand Piece
- 594224 Laser Key
- 595477 Hand Piece Fiber Lock
- 595124 Wireless Receiver
- 579041 Power Cord
- 598462 Odyssey 2.4G Battery Door Screws (2)
- 598463 Odyssey 2.4G Hexdriver
- 580280 Laser Safety Sign
- 598621 9 Volt Lithium Battery

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**Learn more about Odyssey®2.4 at** www.GetOdysseyLaser.com
Your Key to Better Dentistry.
<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design</td>
<td>The true key behind the Odyssey 2.4G Diode Laser: Passion for better dentistry.</td>
</tr>
<tr>
<td>Laser Technology</td>
<td>The Odyssey 2.4G offers you easy access to the most sophisticated, precise and minimally invasive technology in dentistry.</td>
</tr>
<tr>
<td>Wireless Technology</td>
<td>Breaking new ground in dentistry featuring a wireless power control for ease of use and portability.</td>
</tr>
<tr>
<td>Retractable Fiber</td>
<td>The only laser in dentistry with a unique retractable fiber-management system for great ergonomics and easy delivery.</td>
</tr>
<tr>
<td>Programmability</td>
<td>A user defined simplified control panel allows the clinician the ability to begin lasing with a simple push of a button.</td>
</tr>
<tr>
<td>Patient Comfort</td>
<td>Patients perceive the Odyssey 2.4G as a precise and gentle technology. They love to go to a ‘laser dental professional’.</td>
</tr>
<tr>
<td>Productivity</td>
<td>The Odyssey 2.4G empowers a more efficient technology to perform existing procedures and expands the services offered in your practice.</td>
</tr>
<tr>
<td>Portability</td>
<td>The Odyssey 2.4G weighs only 5.5 pounds and fits on a sheet of paper. Its compact size and light weight make it easy to transport from operatory to operatory.</td>
</tr>
<tr>
<td>Performance</td>
<td>The Odyssey 2.4G diode laser’s high affinity for soft tissue makes it an invaluable tool for esthetic sculpting, accessibility, isolation and the healing of soft tissue.</td>
</tr>
<tr>
<td>Safety</td>
<td>The Odyssey 2.4G features the highest level of safety, high quality construction, and worldwide safety standard compliance.</td>
</tr>
<tr>
<td>Reliability</td>
<td>Supported by over 50 years of Ivoclar Vivadent’s dental expertise.</td>
</tr>
</tbody>
</table>
Integrate the Odyssey 2.4G diode laser into your practice to offer the highest quality care and most advanced treatment options to your patients. The Odyssey 2.4G diode laser empowers you to perform your current procedures in a more effective and less traumatic manner. Expand your expertise into cutting-edge technology, and upgrade your methods to incorporate a comprehensive program of options for your patients and team. No other new technology offers the range of benefits, from conservative to advanced treatment options with such simplicity, in concert with the continuing upgrade of science, education and the art of dentistry.

<table>
<thead>
<tr>
<th>Troughing for Impressions</th>
<th>Clinical Crown Lengthening</th>
<th>Hemostasis</th>
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<tr>
<td>Tissue covering preparation’s margin, bleeding</td>
<td>Gingival asymmetry, adequate biological width</td>
<td>Bleeding after cavity preparation</td>
</tr>
<tr>
<td>Gentle troughing with the Odyssey 2.4G</td>
<td>Gentle and precise ablation of marginal tissue</td>
<td>Non-contact treatment with the Odyssey 2.4G</td>
</tr>
<tr>
<td>Clear margin visualization for accurate impression</td>
<td>Gingival proportion achieved with minimal charring</td>
<td>Create ideal isolation and hemostasis</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Laser Soft Tissue Debridement</th>
<th>Orthodontic Tissue Control</th>
<th>Frenum Release</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diseased soft tissue lining of the periodontal pocket</td>
<td>Mandibular canine erupted but partially covered by tissue</td>
<td>Excessive frenum attachment</td>
</tr>
<tr>
<td>Removal of epithelial lining</td>
<td>Laser used to remove excess tissue to integrate canine in the treatment</td>
<td>Frenum released with minor laser incision minimal tissue trauma, no bleeding</td>
</tr>
<tr>
<td>Bacteria reduction with low laser energy</td>
<td>Bracket bonded in the same appointment</td>
<td>Healed and healthy frenum attachment</td>
</tr>
</tbody>
</table>
What does a diode laser do?  
A soft tissue laser uses the power of light to vaporize oral soft tissues with UNMATCHED PRECISION.

How do I use it?  
I use the Odyssey 2.4G diode laser to prepare gingival tissues in three dimensions for fixed PROSTHODONTIC impressions and to control tissue adjacent to restorative preparations.

How does it work?  
The Odyssey 2.4G diode laser vaporizes and modifies soft tissue without bleeding and often only with topical anesthetic.

What should I tell my patients?  
Lasers are the most precise, least traumatic instrument that will help the patient heal with less post-operative pain.

How do I pay for it?  
When the Odyssey 2.4G diode laser is used, it saves valuable chair time. It makes current procedures more effective and procedures beyond conventional training simplified because of the complete hemostasis and lack of suturing required. Adding the laser to current soft tissue procedures and just one frenectomy or fibroma removal each month will generate more income than the payment for the laser.

What are the advantages of having a soft tissue diode laser?  
Today’s esthetic bonding techniques require total control over the operative sites; the diode laser ensures the ability to achieve that. No other instrument ever available to the dentist has had the capability of such precise tissue sculpting. The diode laser is the least traumatic of all competing and conventional instruments. The Odyssey 2.4G diode laser is affordable and small enough for every practice, simple to operate and easily learned and incorporated into your practice.

How is it different from other lasers?  
When used in contact, the diode laser energy only penetrates approximately 200 microns, making it safe, conservative and effective. Surface tissues are vaporized in a controlled manner, and the underlying connective tissue is coagulated and the resulting laser wound is self-sealing, requiring no suturing.

– Dr. John Graeber