Achieve laser proficiency.

1. Clinical training DVD included.
2. Biolase is a world leader in laser education and training through its education arm, the World Clinical Laser Institute. With more than 10,000 members worldwide, the WCLI is the largest dental and medical laser education organization in the world.

About Biolase.

Founded in 1986, Biolase Technology, Inc., specializes in lasers for medicine and dentistry that feature proprietary and patented technologies for reducing pain and improving clinical results.

Biolase combines the leading laser technology — continuously improved through ongoing clinical R&D and engineering — with unmatched training, practice integration support and service.

Biolase leads the global dental laser market with over 12,000 systems in use today and the most complete family of dental lasers — from diode lasers to the most advanced soft- and hard-tissue laser, the Waterlase MD® Turbo.

The most complete family of dental laser solutions, to match the needs of you and your patients perfectly as you expand your laser applications:

- iLase™
- ezlase™
- Turbo: The Total Soft-Tissue Solution*, including whitening and temporary pain relief
- waterlase® c100: Economical entry-level soft and hard tissue laser for common restorative and periodontic procedures
- waterlase® md TURBO: Best of class soft and hard tissue laser for common and advanced restorative, periodontics, endodontics, composites, surgical and pediatric procedures

---

**iLase™**

**technical specifications.**

<table>
<thead>
<tr>
<th>HANDPIECE</th>
<th>Dimensions</th>
<th>Length 7.5&quot; (191 mm) with battery attached</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Diameter 0.78&quot; (19.9 mm)</td>
<td>0.78&quot; (19.9 mm)</td>
</tr>
<tr>
<td></td>
<td>Weight 0.22 lb (0.1 kg)</td>
<td>0.22 lb (0.1 kg)</td>
</tr>
</tbody>
</table>

| Wavelength | 1064 nm |
| Max Peak Power Dura | 100 W |
| Max Continuous Wave | 10 W |
| Output Power | 2 W |
| Electro-Mechanical Motor | 1.5 W |
| Battery Power | 1.5 V DC, 220 mA h |
| Power Cord | 96" (244 cm) |
| Case | 12.5" (32 cm) |
| Weight | 3.1 lbs (1.4 kg) |

<table>
<thead>
<tr>
<th>CHARGING STATION</th>
<th>Dimensions</th>
<th>13 x 34.27 x 2.5&quot; (33.5 x 87 x 6.5 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>0.31 lbs (0.14 kg)</td>
<td></td>
</tr>
<tr>
<td>Charging Port</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

---

**ezlase™**

The Personal Laser, for everyday whitening procedures.

**Turbo:** The Total Soft-Tissue Solution*, including whitening and temporary pain relief.

**Waterlase® c100**

Economical entry-level soft and hard tissue laser for common restorative and periodontic procedures.

**Waterlase® MD TURBO**

Best of class soft and hard tissue laser for common and advanced restorative, periodontics, endodontics, composites, surgical and pediatric procedures.

---

© 2019 Biolase Technology, Inc. All rights reserved.

The next instrument for your tray.

Powerful. Affordable.

Beyond portable.
The first personal laser.

Unlike typical portable lasers that require a foot pedal and cords, iLase™ is completely self-contained in a single, integrated handpiece. All the power and control is concentrated in your hand for uniquely personal performance. Dentists and hygienists will experience unrestricted, focused laser productivity like never before.

Versatility at the touch of a finger.

The key to the intuitive operation of the iLase™ is its exclusive, wraparound finger switch. For more than a simple button, the switch is over an inch long and can be operated with light pressure anywhere along its circumference. The ability to engage the switch from different positions on the iLase™ allows maximum comfort and working efficiency, whether performing procedures in the anterior or posterior of the mouth.

The iLase™ also features "standby" and "ready mode" functions that guard against unintentional delivery of laser energy.

Presets that perform.

The iLase™ is the ideal tool for performing a comprehensive set of 24 soft-tissue and hygiene procedures. For optimum efficiency, recommended values for power and pulse mode are factory installed for 10 common soft-tissue procedures:

- Gingival troughing for crown impressions
- Gingivectomies, treatment of peri-implants
- Sulfur desbridement, frenectomy, excisions, aphtous ulcers, hemostasis, exposure of unerupted teeth, implant recovery, and crown lengthening.

Additionally, the iLase™ features two extra custom presets that can be easily set by the clinician. And for even more personalized performance, all factory installed preset values can be changed, saved, and later restored.

The iLase™ single-use tips are bendable for maximum access to all areas of the mouth. Tips are available in a variety of lengths and diameters to provide the best clinical results for the procedure being performed, without changing fibers.

Balanced. Ergonomic.

The iLase™ features Biolase’s unique ComfortPulse™ mode of operation. It allows the clinician to deliver laser energy in very short pulses. The result is reduced patient discomfort and a reduced need for anesthetic.

The precise ergonomics of the iLase™ handpiece also reduce fatigue for clinicians. The entire iLase™ handpiece, with battery and shroud attached, weighs less than 100 g. Locating the center of gravity at the point where the user’s thumb and index finger meet greatly reduces the arm, wrist, and hand force required to operate the iLase™ throughout the day.

Power that lasts.

The iLase™ delivers 5 Watts of peak laser power, and up to 3 Watts of continuous laser power. All without cords, outlets or foot pedals. Which makes its battery life all the more impressive. Longer procedures, such as subluxar debridement, can be completed with a single fully charged battery. For shorter procedures, such as single-tooth troughing for crown preparation, a fully charged battery can last for several patients or procedures.

Personal pricing.

The iLase™ was designed to be affordable, so that each dentist and hygienist can work with his or her own laser. One more way the iLase™ is taking truly personal performance to a whole new level.

With no foot pedal, power cord or external controls, the revolutionary iLase™ takes dental lasers beyond portable.
Achieve laser proficiency.

1. Clinical training DVD included.
2. Biolase is a world leader in laser education and training through its education arm, the World Clinical Laser Institute. With more than 10,000 members worldwide, the WCLI is the largest dental and medical laser education organization in the world.

iLase™
tactical specifications.

Handpiece
- Dimensions: 7.2" x 3.82" (183 x 98 mm)
- Weight: 2.2 lbs (1 kg)
- Wavelength: 980 nm
- Max Output: 1200 watts
- McW Contour Wave
- Output Power: 2 W
- Three Power Modes: Debridement Wave (20 Watts), CarbonWave (1 W), CarbonWave 2
- Battery Power: Single rechargeable Li-Ion assembly; 3.7 VDC, 620 mAh
- Power Supply: 12VDC, user--customizable
- 2 user--customizable

Charging Station
- Dimensions: 18.0 x 15.75 x 2.5" (458 x 399 x 64 mm)
- Weight: 0.31 lbs (0.142 kg)
- Charging Port: 4

About Biolase.

Founded in 1987, Biolase Technology, Inc., specializes in lasers for medicine and dentistry that feature proprietary and patented technologies for reducing pain and improving clinical results.

Biolase combines the leading laser technology – continuously improved through ongoing clinical R&D and engineering – with unmatched training, practice integration support and service.

Biolase leads the global dental laser market with over 12,000 lasers in use today and the most complete family of dental lasers – from diode lasers to the most advanced soft- and hard-tissue laser, the Waterlase MD Turbo.

The most complete family of dental laser solutions, to match the needs of you and your patients perfectly as you expand your laser applications:

- iLase™: The Personal Laser for everyday soft-tissue procedures.
- ezlase™: The Total Smile Solution™, including whitening and temporary pain relief.
- waterlase™c100: Economical, every-level soft and hard tissue laser for common restorative and pediatric procedures.
- waterlase™mo TURBO: Best of class soft and hard tissue laser for common and advanced restorative, periodontics, endodontics, cosmetic, surgical and pediatric procedures.

The next instrument for your tray.