

Introducing *iLase*™

The next
instrument
for your tray.

Powerful.
Affordable.
Beyond portable.



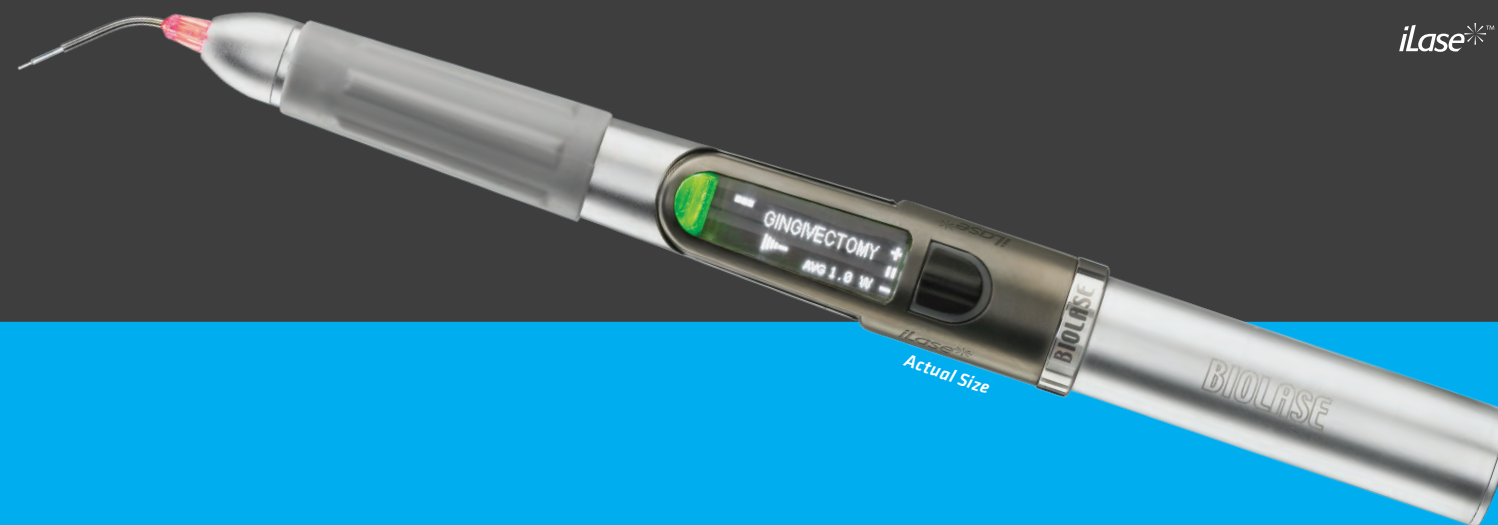
iLase™

iLase™
Diode Dental Laser

BIOLASE

The laser for every dentist, every hygienist, every day.

iLase™



With no foot pedal, power cord or external controls, the revolutionary iLase™ takes dental lasers 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. Far 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 perio pockets, sulcular debridement, frenectomies, excisions, aphthous 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 sulcular 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.

The iLase™ charging station recharges up to four iLase™ batteries simultaneously, and batteries can be recharged whether or not they are connected to the handpiece.

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.



Hygienist use applicable only where permitted by regulations.

www.Biolase.com

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™ technical specifications.

HANDPIECE

Dimensions	Length: 7.2" (183 mm), with battery attached Diameter: 0.74" (18.7 mm)
Weight	0.22 lb (98 g), with battery attached
Wavelength	940 ± 15 nm
Max Peak Output Power	5 W
Max Continuous Wave	
Output Power	3 W
Three Power Modes	Continuous Wave ComfortPulse™ 1 ComfortPulse™ 2
Battery Power	Single, rechargeable Li-Ion assembly; 3.7 VDC, 650 mA-h
Presets	10 factory-loaded & user-customizable 2 extra user-customizable

CHARGING STATION

Dimensions	W x H x D (4.72" x 2.5" x 3.95") (120 x 70 x 100 mm)
Weight	0.90 lb (412 g)
Charging Ports	4

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.

Only 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 Diode Solution™, including whitening and temporary pain relief.



waterlase™c100™

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



waterlase™MD TURBO™

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



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Deep Pocket Therapy with
New Attachment, and
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