

*The affordable
all-tissue laser.*

Comfort
.....
Efficiency
.....
Results



waterlase[®] c100[™]

Soft- and Hard-Tissue
Dental Laser

BIOLASE

An Exclusive
Partner of

HENRY SCHEIN[®]
DENTAL

Practice performance.

The Waterlase® C100 is the ideal all-tissue laser for every general dentistry practice. It provides the necessary power and versatility to perform restorative procedures with higher levels of patient comfort, clinical results, and working efficiency. All with impressive affordability.



An alternative to drills with injections, for everyday procedures.

The Waterlase C100™ is the affordable way to enhance the dentistry you do most often.

The Waterlase advantage.

Fear and anxiety, whether mild or severe, is real and for many people can be a barrier to seeking dental treatment. Studies show that as many as 75% of adults in the U.S. experience some degree of dental fear^{1,2,3}. Drills, needles and numb lips can prevent people from taking a positive, proactive approach to oral health.

A study published by the Roger Levin Group indicates that Waterlase technology helps attract new patients and increase treatment acceptance of day-to-day restorative cases that can cover the cost of a laser by providing an alternative to drills with injections, for patients who are anxious or fearful.⁴

By reducing the need for anesthetic, multi-quadrant restorations that once entailed multiple appointments can now be completed in a single visit. And, because a Waterlase C100 allows you to handle a wider variety of procedures, there is less need to refer patients out for treatment, eliminating another source of anxiety for patients.

Simple + intuitive.

A variety of controls allow you to customize the Waterlase C100 based on individual patient sensitivity and the procedure you are performing, to achieve the clinical results you want. The user-friendly interface features four factory-loaded pre-sets, as well as variable pulse repetition rates, power settings and water and air settings.



MVP™ + surgical handpiece.

The user-friendly MVP™ and Surgical handpieces provide easy access to all areas of the mouth and increased intra-oral visibility for the clinician. Their small, ergonomic, and light-weight design helps eliminate fatigue and improve comfort when using the Waterlase C100 for long periods of time.



Tips + accessories that perform.

The Waterlase C100 tip family offers a wide variety of shapes, lengths and diameters to deliver exactly the clinical results you need. There's a tip to maximize efficiency and results for every procedure, location in the mouth, level of patient sensitivity, tissue type and more. Tip and handpiece inspection and maintenance are made simple with easy-to-use kits and readily available parts.



Certification training.

Certification training is included with the purchase of the Waterlase C100 for new laser owners. The one-and-a-half day basic laser course covers laser physics and safety, theory and technique of fundamental hard and soft tissue laser procedures, and care of the system. It also brings your team up to speed with laser technology, patient management for laser procedures, and more.



Powerful practice integration support.

Once you become a Waterlase Dentist, you'll want to let the world know it. Our Waterlase Dentistry™ Marketing helps you spread the word by helping your team understand and promote the benefits of Waterlase Dentistry™ to current patients. We can also provide materials and resources to help you reach out to prospective patients, including using new social media channels such as Facebook and YouTube, and search engine marketing.

Waterlase C100™ clinical indications.

HARD TISSUE APPLICATIONS

- Class I, II, III, IV and V cavity preparation
- Caries removal
- Hard tissue surface roughening or etching
- Enameloplasty, excavation of pits and fissures for placement of sealants

SOFT TISSUE APPLICATIONS

- Excisional and incisional biopsies
- Fibroma removal
- Flap preparation – incision of soft tissue to prepare a flap and expose the bone or expose unerupted teeth
- Frenectomy and frenotomy
- Gingival troughing for crown impressions
- Gingivectomy and gingivoplasty
- Gingival incision and excision
- Hemostasis
- Implant recovery
- Incision and drainage of abscesses
- Laser soft tissue curettage of the post-extraction tooth sockets and the periapical area during apical surgery

- Leukoplakia
- Operculectomy
- Oral papilllectomies
- Pulpotomy and pulp extirpation
- Pulpotomy as an adjunct to root canal therapy
- Root canal debridement and cleaning
- Reduction of gingival hypertrophy
- Soft tissue crown lengthening
- Treatment of canker sores, herpetic and aphthous ulcers of the oral mucosa
- Vestibuloplasty
- Flap preparation – incision of soft tissue to prepare a flap and expose the bone
- Cutting bone to prepare a window access to the apex (apices) of the roots
- Apicoectomy and root end preparation for retrofill
- Removal of pathological tissues and hyperplastic tissue

ENDODONTICS

- Tooth preparation to obtain access to root canal
- Root canal preparation including enlargement
- Root canal debridement and cleaning

PERIODONTAL THERAPY

- Full, partial and split thickness flaps
- Laser soft tissue curettage
- Laser removal of diseased, infected, inflamed and necrosed soft tissue within the periodontal pocket
- Removal of highly inflamed edematous tissue affected by bacteria penetration of the pocket lining and junctional epithelium
- Removal of granulation tissue from bony defects
- Sulcular debridement to improve clinical indices including gingival and gingival bleeding indices, probe depth, attachment loss and tooth mobility
- Osteoplasty and osseous recontouring (removal of bone to correct osseous defects and create physiologic osseous contours)
- Ostectomy (resection of bone to restore bony architecture, resection of bone for grafting, etc.)
- Osseous crown lengthening

COSMETIC PROCEDURES

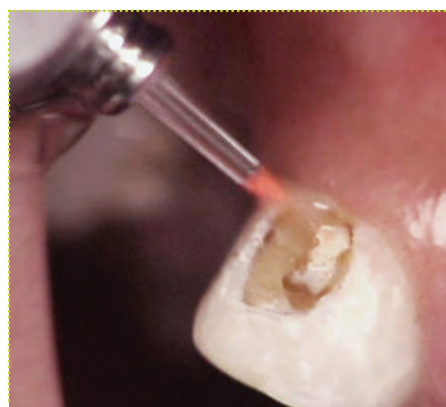
- Cutting, shaving, contouring and resection of oral osseous tissues (bone)
- Osteotomy

Class II Restoration



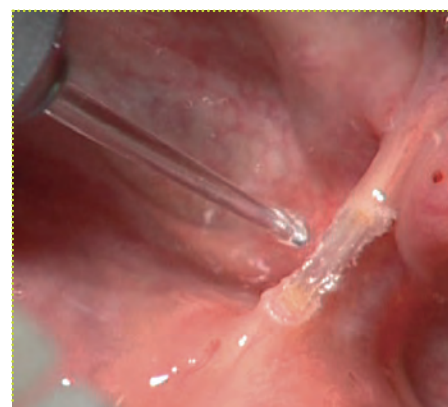
The decay is precisely removed with the Waterlase, preserving the integrity of the marginal ridge.

Class V Restoration



Waterlase provides better access and field of vision via gingival recontouring without packing cord.

Lingual Frenectomy



Waterlase works with minimal or no bleeding using only topical anesthetic in most cases.

Professional personalized support.

Expert personal service and support for the Waterlase C100 is just a phone call away. Biolase offers comprehensive service, support and training through our dedicated field service engineers and the Biolase Service Call Center Team. We can provide answers to most of your Waterlase C100 questions immediately, or dispatch a Field Service Engineer if necessary.

Achieve laser proficiency.



1. Two-day Certification Training Course combining lecture, hands-on exercises and/or live patient demonstrations included with the purchase of each Waterlase.
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.



Waterlase C100™ technical specifications.

Wavelength	Er, Cr: YSGG, 2780 nm
Power	6.0 W
Pulse Repetition Rates	10-30 Hz Clinician Selectable
Pulse Energy	0-300 mJ
Laser Classification	4
Operating Voltage	100-230 VAC
Dimensions	12.5 x 26 x 32 in (32 x 66 x 82 cm)
Weight	98 lbs (45 kg)

Specifications subject to change without notice.

1. Kleinknecht RA, Thorndike RM, McGlynn FD, Harkavy J (January 1984). "Factor analysis of the dental fear survey with cross-validation". J Am Dent Assoc 108 (1): 59-61. PMID 6582116.
2. Getka EJ, Glass CR (Summer 1992). "Behavioral and cognitive-behavioral approaches to the reduction of dental anxiety". Behavior Therapy 23 (3): 433-48. doi:10.1016/S0005-7894(05)80168-6.
3. Milgrom P, Weinstein P, Getz T (1995). Treating Fearful Dental Patients: A Patient Management Handbook (2nd ed.). Seattle, Wash.: University of Washington, Continuing Dental Education. doi:10.1111/j.1600-0528.1996.tb00893.x. ISBN 1880291010.
4. Levin, Roger P, (2010) "Surprising Trends in Laser Usage", Dental Economics, 100 (3), 86-89,98.

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.



USA

Biolase Technology, Inc.
4 Cromwell
Irvine, CA 92618
949.361.1200

Europe

ECREP MT Promedt Consulting GmbH
Altenhofstrasse 80
D-66386 St. Ingbert/Germany
+49 6894 581020
www.mt-procons.com

WaterlaseDentistry.com
Toll-free 888.424.6527
biolase.com
NASDAQ: BLTI

Waterlase Dentistry, Waterlase,
Deep Pocket Therapy with
New Attachment, and
Biolase are trademarks of
Biolase Technology, Inc.

© 2010.
Biolase Technology, Inc.
All rights reserved.
5100200 Rev A
CE 0482

BIOLASE

The Biolase
Total Solution



Clinical
R+D



Industry Leading
Technology



Training +
Certification



Practice
Integration



Service +
Support