

# DENTISTRY'S FIRST MICROLASER



## Pocket-sized Zap Styla Delivers Power and Better Patient Care

Diode lasers are becoming a standard in dental care because of their affordability and effectiveness. Among the best values in dentistry, Zap Lasers' affordable soft-tissue diode lasers have been leading the charge in this movement for more than 10 years. Now, with the availability of its new Styla MicroLaser™, Zap is poised to revolutionize laser dentistry once again and deliver the benefits of laser dentistry to even more dentists and patients.

### Microlaser Technology

After learning many doctors were spending valuable time that could be dedicated to patient care moving a single table-top laser between several operatories and offices, Zap became determined to engineer a better, faster, more portable soft-tissue laser solution for dentists working across offices and operatories; the idea for the microlaser was born.

Zap's engineering team spent more than two years on the idea, ultimately leveraging microtechnology to create a new category of dental lasers, the microlaser. Ironically, Zap's biggest challenge in developing the dental microlaser was also the smallest—how to miniaturize every component of the company's industry-leading tabletop

lasers and customize them to a very small tolerance. Using revolutionary materials and custom-engineering many components, Zap succeeded in developing the "ultimate portable laser."

Small enough and light enough to be carried in a shirt pocket, the 6.9 inch, 1.9 ounce Styla is more than 20 times lighter than any other soft-tissue the next smallest diode laser on the dental market, yet just as powerful. With many components so small they can only be seen under a microscope, its laser energy comes from a micro diode, powered by a rechargeable lithium ion battery. The resulting mix of power, versatility and portability is unprecedented in dentistry, and an achievement that separates Styla from any other laser on the dental market.

### Features

More than just portable and powerful, Styla was also engineered for comfort. Styla's aluminum body is durable enough for the demands of a busy dental office, yet lightweight, ergonomic and perfectly balanced, so its remains comfortable in doctors' hands, even after extended use. Enhancing this comfort, is the ability to move freely in the operatory. Styla is dentistry's first completely wireless laser and its lasing function is controlled using an advanced 2.4 GHz wireless foot pedal. Able to be placed anywhere within an operatory, the foot pedal's secure wireless connection with Styla's main body makes operating the microlaser easy from any angle.

To ensure Styla delivers Zap's high standard of patient care Zap engineers integrated several other custom features in the microlaser, maximizing power and ease-of use, including:

### Pre-set Procedures:



Power settings for eight of the most commonly performed soft-tissue laser procedures are pre-programmed into Styla.

### Compact Charger Base:



Doing double duty as both Styla's resting place between procedures and a powerful battery charger, the compact base simultaneously charges three batteries in less than one hour.

### Pre-threaded Disposable Tips:



Ready to use straight from the box, precisely placed magnets perfectly align and secure Styla's tips for an exact fiber connection every time.

### Intelligent Gravity Sensor:



A built-in gravity sensor automatically detects the microlaser's orientation and adjusts Styla's display to be read from any angle.

### Rechargeable Lithium Ion Batteries:



Fully-charged, a single Styla battery has enough power for more than 15 procedures.

### Applications:

One of the most commonly used laser procedure is laser Troughing. This laser technique eliminates one of the most frustrating, unpredictable and time-consuming procedures in the dental office – packing retraction cord. Getting a perfect impression the first time is not luck; it is a matter of using proper technique. By using the Styla MicroLaser you are able to obtain bloodless impressions with clearly exposed margins within seconds.

### Benefits:

There is no worry about the instrument inadvertently coming in contact with adjacent metal restorations and shocking the patient, as occurs with the use of electro surgery. Lasing improves visualization of prepared crown margins and aids in hemostasis so crowns and bridges are sure to fit properly every time. Another advantage is that tissues look great at the cementation appointment without recession.

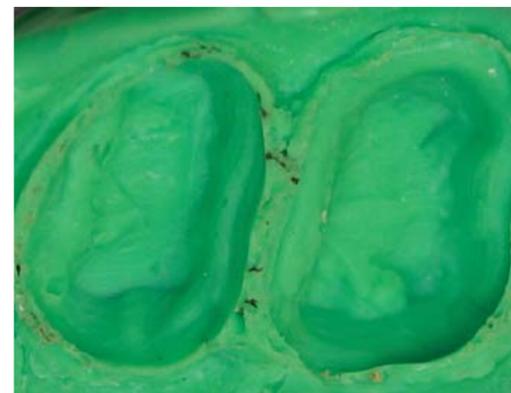
### Technique:

After crown and bridge tooth preparation, employ the use of a laser utilizing 1.2 to 1.4 Watts of power. Place the fiber approximately 1-2 mm below the crown margin and gently circumscribe the margin 360 degrees, always keeping the working angle parallel to the long axis of the tooth. Hemostasis and delineation of the crown margin will happen at the same time. Wash and dry the preparation and take your final impressions immediately. You do not have to wait. Tissue recession will not occur as utilizing laser technology provides the laser user predictable and clean impressions every time.

### Before



### After



## The Soft-Tissue Laser that Changed Dentistry



**Styla**™ Advanced Dental Laser System  
MicroLaser

A New Era in Dentistry Has Begun

The world's first and only wire free, Advanced Microlaser System™  
\$11,400\* complete system.



[www.zaplasers.com/styla](http://www.zaplasers.com/styla)

The Styla MicroLaser is available for order directly from Zap by calling  
1-888-876-4546.