

*Epic
pro™*



BIOLASE

Soft-Tissue Management Redefined.

Introducing Epic Pro

THE FIRST PREMIUM DIODE LASER FROM BIOLASE



The Epic Pro, which offers the most laser power of any diode laser in dentistry, is the first product to be introduced resulting from BIOLASE's strategic development agreement with IPG Medical. The newest addition to the Epic family of dental soft-tissue lasers, Epic Pro features several new innovations that are industry-firsts:

- ✦ A new super pulse technology for more precise, enhanced laser tissue cutting
- ✦ Real-time automatic power control to enhance speed and consistency when performing surgery with pre-programed tip temperature
- ✦ Pre-initiated, bendable, disposable tips with new smart tip technology to ensure tip performance and quality

FOR YOUR PATIENTS

- ✦ Less fear and anxiety
- ✦ Quicker and more efficient visits
- ✦ Faster healing and recovery
- ✦ Little to no post-operative pain and discomfort

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FOR YOU AND YOUR TEAM

- ✦ Better patient reported outcomes
- ✦ Predictable results
- ✦ Increased clinical precision and control
- ✦ Faster, cleaner and gentler than traditional diode lasers

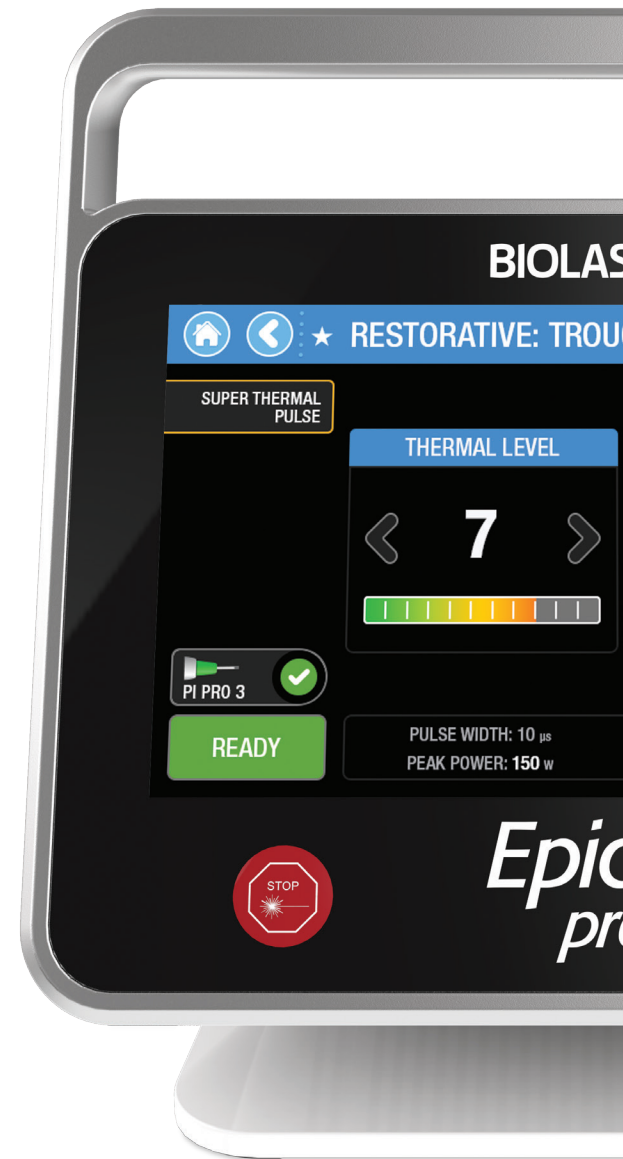
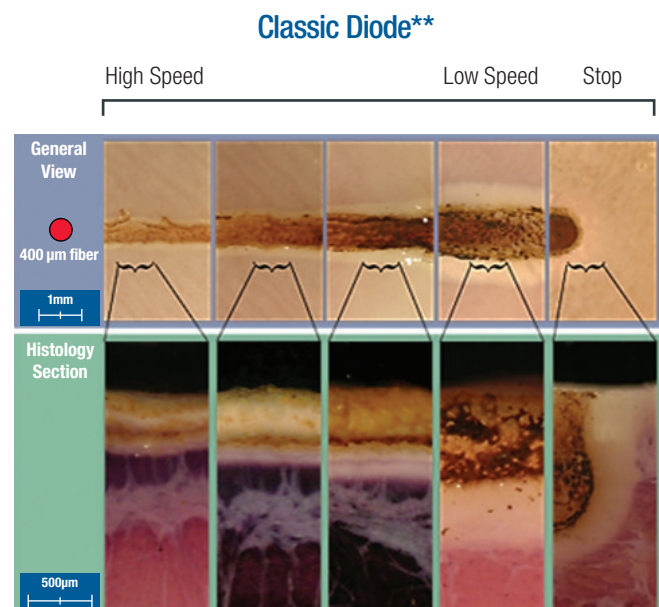
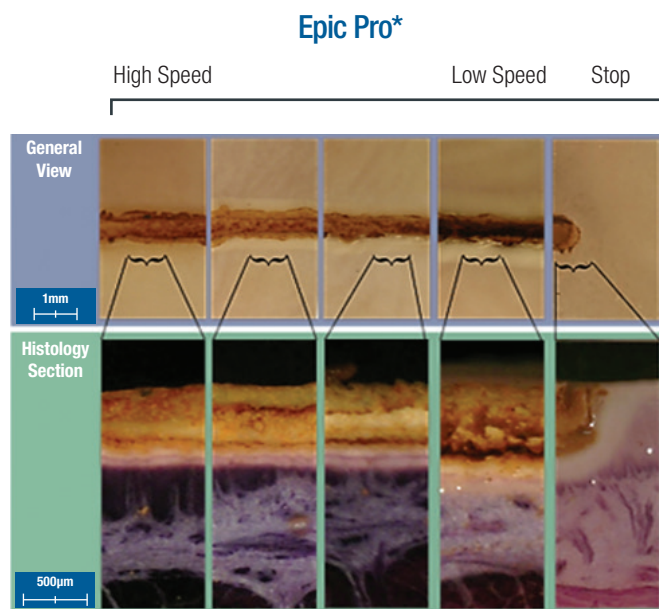


Unmatched Cutting Speed and Control

AUTOMATIC POWER CONTROL

Epic Pro cuts **four times faster**¹ than a classic diode laser with minimal collateral damage.

In this treatment mode, the laser in continuous wave mode converts light energy to thermal power at the tip. Laser energy is adjusted automatically in real time to maintain constant tip temperature. The result is extremely consistent and reliable cutting conditions, regardless of speed of movement, tissue type, etc.



¹ Internal IPG Medical and BIOLASE Study

Romanos G.E. Diode Laser Soft-Tissue Surgery: Advancements Aimed at Consistent Cutting, Improved Clinical Outcomes. Comp Dent. Nov/Dec 2013. *Epic Pro APC Mode, 850°C temperature, AutoStop On; **Classic Diode Laser - 980 nm wavelength, CW Mode, 3 W

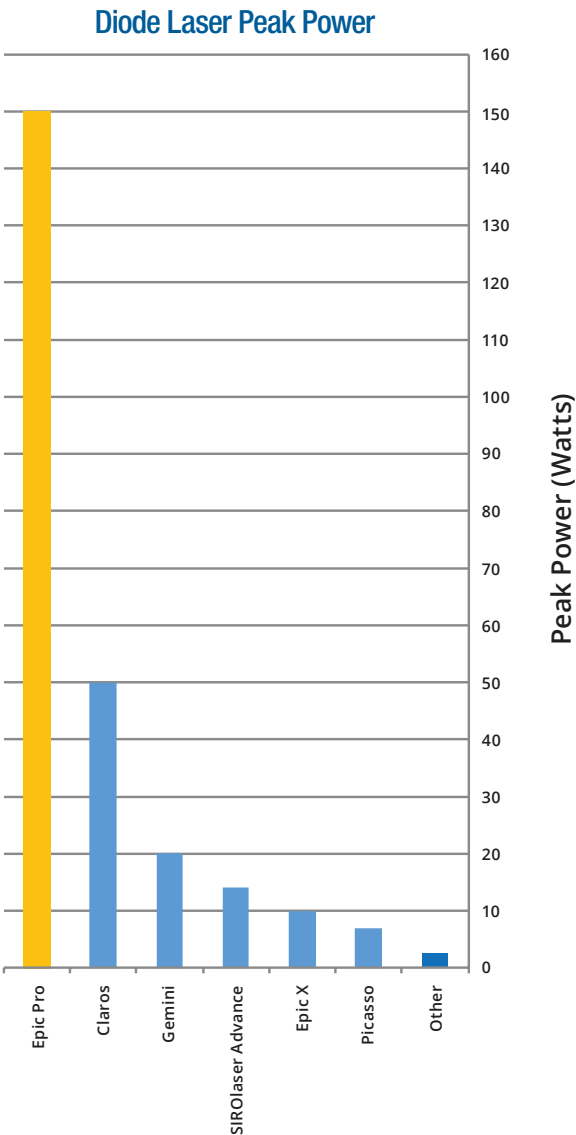
Greater Precision & Safety



SUPER THERMAL PULSE

Epic Pro can achieve ten times the peak power of a standard diode (and up to three times that of the closest competitor) laser in short micro-pulses for the highest cutting efficiency and safety. In this treatment mode, the laser converts light energy to thermal power, which it emits as thermal power pulses, (i.e. multiple bursts of high power). Each of these thermal bursts cuts tissue highly efficiently.

When the laser is activated, power bursts are emitted with a preset pulse width (duration), while maintaining a precise thermal level at the tip. The laser is powered on only about 3-5% of the time, giving tissue ample time to relax between pulses; creating a safer and gentler experience for patients.



Unparalleled Consistency and Predictability

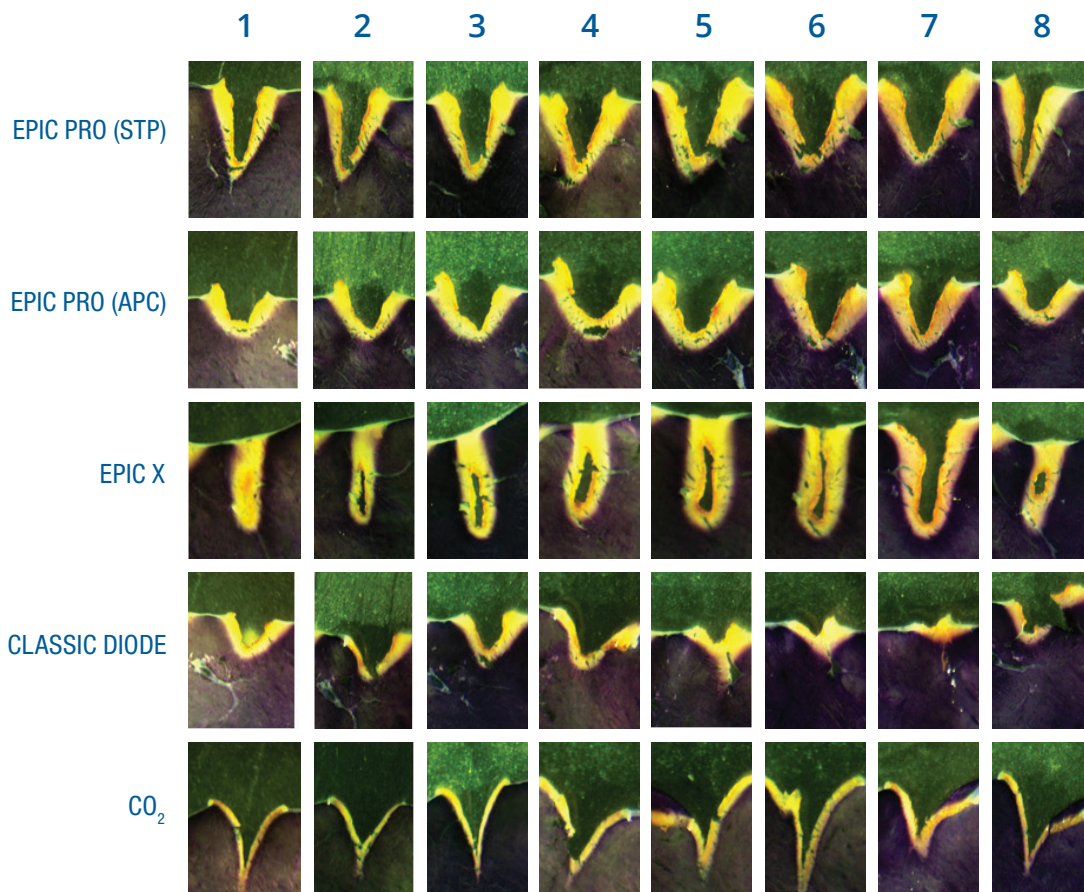
Epic Pro provides the deepest and most uniform drag-free cut versus classic diode lasers. Epic Pro also features **new factory initiated Epic Pro Tips**, enabling predictable, reliable tissue cutting.

The Epic Pro tip is the first tip where initiation material is fused inside of the quartz fiber material, creating a veneer-like surface on the

fiber tip, built for robust and long-lasting performance. The new Epic Pro tips also feature smart tip technology, where the device has a built-in tip integrity indicator, to ensure that cutting is consistent, precise, and fast every time.



Epic Pro Provides Most Precise and Consistent Drag-Free Cut

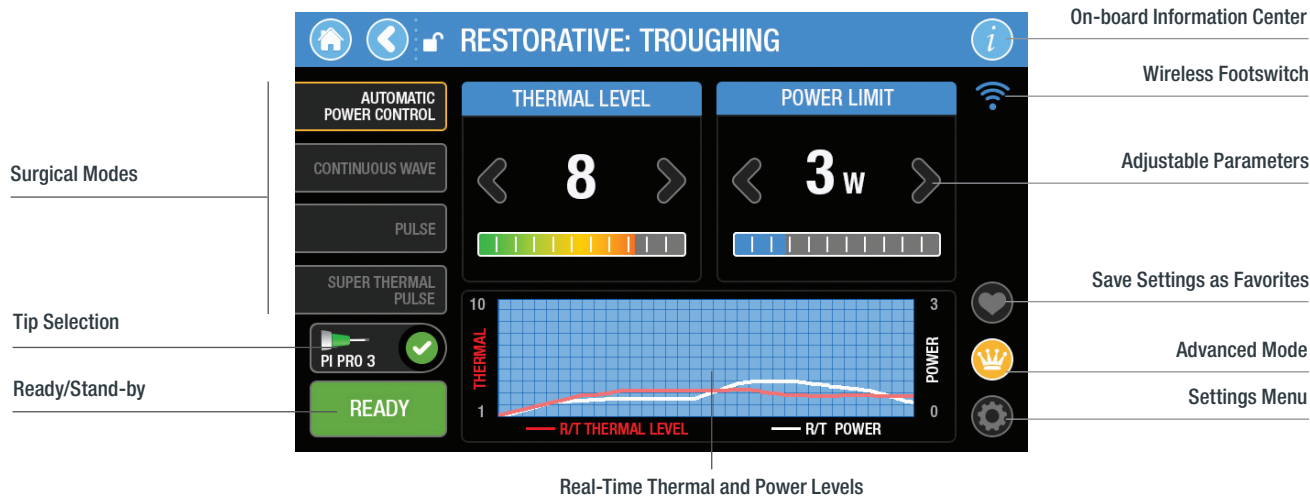


Cross-sectional consistency study comparing five separate modalities. Epic Pro (in both APC/STP modes), Epic X, classic diode, and CO₂ lasers were evaluated, comparing eight cross-sectional cuts of a single incision from each laser.

Power, Combined with Simplicity

Epic Pro has the **largest display** (7 inches) of any diode laser on the market and features an easy-to-use graphical user interface, with intuitive procedural categories, over twenty factory presets, and quick access to your list of favorite settings. Epic Pro also features a

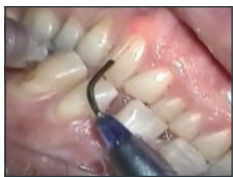
quick start mode that allows you to initiate treatment faster and standard/advanced modes allowing unlimited control and flexibility to match the practitioner's skill level.



Better Clinical Outcomes with Epic Pro

Epic Pro is the perfect companion for soft-tissue management cases. With over 20 clinical presets, multiple treatment modes, and an advanced mode for expert users, Epic Pro provides unparalleled

consistency and predictability. Not all diode lasers are created equal, with unmatched speed and clinical precision, Epic Pro redefines what it means to manage soft-tissue.



Laser Pocket Therapy



Gingival Troughing



Aphthous Ulcers



Implant Uncovery



Frenectomy



Gingivectomy



Soft-Tissue Crown Lengthening



Excision for Biopsy



Exposure of Unerupted Teeth

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TECHNICAL SPECIFICATIONS

Wavelength	980 nm
Max. Power Output	25 W (CW)/150 W (Pulse)
Pulse Duration	0.01 ms – 100 ms
Pulse Interval	0.25 ms – 100 ms
Pulse Repetition Rate	Up to 20kHz
Pre-sets	20+
Dimensions	7.25in x 4.5in x 6.5in (18.4cm x 11.4cm x 16.5cm)
Weight	4lbs (1.8kg)

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For more information, visit biolase.com   

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