

*Epic*  *Hygiene*



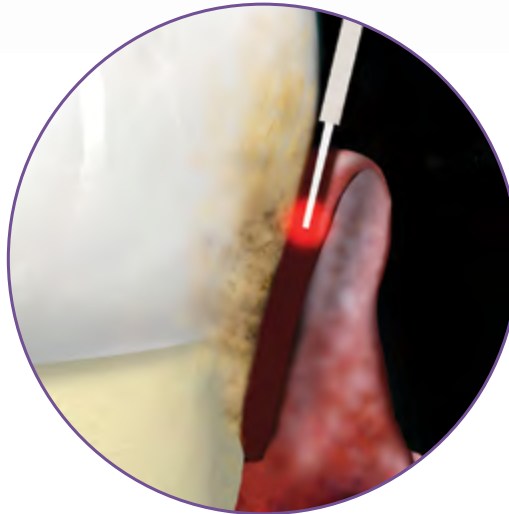
*The Only Hygiene-Only Laser FDA Cleared for  
Laser Bacterial Reduction*

# Epic Hygiene

## Designed for Hygienists

Epic Hygiene is the only Hygiene-only laser cleared by the FDA for **Laser Bacterial Reduction**. Preset Hygiene Protocols get you started quickly for maximum ease and efficiency!

- ✦ **Laser Bacterial Reduction:** Decontamination and reduction of inflammation
- ✦ **Pocket Therapy:** Debris removal for preventative care
- ✦ **Perio Debridement:** Sulcular debridement with epithelial and granulation tissue removal
- ✦ **Aphthous Ulcers & Herpetic Lesions**
- ✦ **Hemostasis**



## Increase Hygiene Team Production and ROI

- ✦ **Generate \$15,000 to \$40,000+** in added revenue per year by integrating minimally invasive laser protocols
- ✦ Turnkey **Practice Guidebook**, provides practice integration tips, step-by-step hygiene protocols, billing & coding information, and much more





## Easy to Use

- ✦ **Handpiece design:** tailored to fit the needs of the hygienist
- ✦ **Intuitive interface:** with quick procedure selection and easy settings adjustment
- ✦ **Premium battery life:** Rechargeable with over 8 hours of usage
- ✦ **Adaptable for all patients:** Multiple power settings — Continuous Wave, and ComfortPulse™ technology



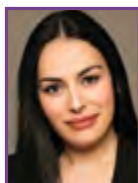
## Dedicated Epic Hygiene Training and Support

- ✦ **Epic Hygiene-specific** laser training
- ✦ On-call **support**
- ✦ **Brought to you by BIOLASE**, the global leader in laser dentistry



*Epic Hygiene is a wonderful addition to my hygiene tool kit! It's so easy to use, an easy way to generate more revenue while providing the best in patient care.*

– Lina Dawli, RDH



## Clinical Indications

- ✦ Reduction of bacterial level (decontamination) and inflammation
- ✦ Sulcular debridement (removal of diseased, infected, inflamed and necrosed soft tissue in the periodontal pocket to improve clinical indices including gingival index, gingival bleeding index, probe depth, attachment loss and tooth mobility)
- ✦ Laser removal of diseased, infected, inflamed and necrosed soft tissue within the periodontal pocket
- ✦ Laser soft tissue curettage
- ✦ Hemostasis and coagulation
- ✦ Treatment of herpetic and aphthous ulcers of the oral mucosa

## Technical Specifications

### GENERAL

Dimension (W x L x H)	5.7" x 6.5" x 4.4" (14.5 cm x 11.2 cm x 16.5 cm)
Weight	2.5 lbs. (1kg)
<b>ELECTRICAL</b>	
Operating Voltage	100 V - 240 V ~ at 1.5 A
Frequency	50/60 Hz
External Fuses	None
Main Control	Main Power Switch (ON/OFF Control Button)
Remote Interruption	Remote Interlock
Disable Control	Emergency Stop Button
Battery	Lithium Ion Rechargeable, 14.6 V, 2.75 Ah
DC Power Supply Module	12 V DC, 5 A

### LASER

Laser Classification	IV (Class 4)
Medium	InGaAs Semiconductor diode
Wavelength	980 ± 10nm
Max Power Output	1.5 W Max Avg. Power, 10 W Max Peak Power
Power Accuracy	± 20%
Operating Modes	Continuous Wave (CW), Pulse Modes (10%, 20%, 33%, 50% duty cycles)
Fiber Tip Diameter	400 µm
Pulse Duration	0.01 ms – 20 ms
Pulse Interval	0.04 ms – 20 ms
Pulse Repetition Rate	Up to 20 kHz (for reference)
Normal Ocular Hazard Distance	5' 4" (1.625 meters)
Maximum Permissible Exposure	36.31 W/m <sup>2</sup>
Beam Divergence	25.4° full angle
Standard Fiber Cable Length	6' 7" (2 meters)

### OTHER LIGHT SOURCES

Aiming Beam	Laser diode, Max. 5 mW, 625nm-670nm, Class 2
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