EPIC PATIENT COMFORT

Laser Power, Wavelength, and Peak Power

EPIC™ delivers unmatched power for Common & Advanced Procedures – but what does that mean? Shorter, more powerful pulses, and additional time for tissue to relax. Now your patients can enjoy EPIC comfort.

For sale by or on the order of a licensed dental or medical professional only. Consult user manual before use.
UNMATCHED COMBINATION OF POWER & PORTABILITY

• Up to 10 watts of power with “wireless” convenience
• Built-in battery pack delivers full day of procedures “unplugged”
• Other portable diodes lack the power

BEST CONTROL OF TISSUE CUTTING FOR DIFFERENT PROCEDURES AND TISSUE BIOTYPES

• Widest selection of tip lengths and diameters
• Bendable tips for easy access to hard to reach areas
• Single-use disposable tips for quick, convenient treatment
• Disposable tips enhance patient safety

OUTSTANDING PATIENT COMFORT & CONVENIENCE

• Exclusive ComfortPulse™ settings help you better balance cutting speed and patient comfort
• Most procedures can be performed without local anesthetic.

940 nm WAVELENGTH

• Developed exclusively for dentistry by BIOLASE
• Better absorbed by hemoglobin and oxyhemoglobin than other wavelengths (see graph below)
• Cuts efficiently at lower power and with less heat

Absorption

Wavelength (nm)

<table>
<thead>
<tr>
<th>Absorption</th>
<th>Wavelength (nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hb</td>
<td>810</td>
</tr>
<tr>
<td>HbO2</td>
<td>980</td>
</tr>
<tr>
<td>O2</td>
<td>940</td>
</tr>
</tbody>
</table>


LINGUAL FACIAL LABIAL

TROUGHING FOR IMPRESSIONS

GINGIVECTOMY PERIO POCKET FRENECTOMY EXCISION APHTHOUS ULCER

HEMOSTASIS EXPOSURE IMPLANT RECOVERY CROWN LENGTHENING WHITENING PAIN THERAPY

THE TOTAL DIODE, ELEVATED.

EPIC TECHNOLOGY FOR EPIC CLINICAL VERSATILITY

SURGERY, WHITENING, & PAIN RELIEF DRIVEN BY EASY TOUCHSCREEN CONTROLS

THE TOTAL DIODE, ELEVATED.

EPIC TECHNOLOGY, OPTIMIZED FOR EPIC CLINICAL VERSATILITY

Surgery, Whitening, & Pain Relief Driven by Easy Touchscreen Controls

ALSO AVAILABLE WITH OPTIONAL HANDPIECES AND ACCESSORIES:

EPIC 10 TECHNICAL SPECIFICATIONS

Laser Classification:

IV

Wavelength:

940 ± 15nm

Max Output Power:

10W

Pulse Repetition Rate:

Capable of 50 KHz

Power Modes:

Continuous Wave (CW)

ComfortPulse 0: 10µsec ON / 40µsec OFF

ComfortPulse 1: 100µsec ON / 200µsec OFF

ComfortPulse 2: 1msec ON / 1msec OFF

Pulsed: 20 msec ON / 20 msec OFF

Aiming Beam:

Laser Diode, max 1mW, 635nm

Fiber Cable Length:

6ft (1.83m)

Dimensions:

4.4in x 5.7in x 6.5in

(11.18cm x 14.48cm x 16.51cm)

Weight:

2.5lb (1.13kg)

Specifications subject to change without notice.