

PHOENIX BIOFEEDBACK LASER SYSTEMS



PL-320 Laser System (with biofeedback interface)

Therapeutic effects of conventional low level laser therapy (LLLT) include increased:

- production of ATP (cellular metabolism)
- production of collagen and elastin
- enzyme production and protein synthesis
- blood flow
- lymphatic flow
- reduction of inflammation

LLLT is a safe, non-invasive and highly effective modality used extensively in the world of:

- hair loss,
- wrinkles,
- facial anti-aging,
- acne,
- scars,
- rosacea,
- eczema,

- dermatitis,
- stretch marks,
- sun spots and more ...

Laser therapy has also been very successful in addressing:

- Arthritis,
- tendonitis,
- lymphedema,
- burn & wound healing,
- diabetic ulcers and bed sores,

Acute and chronic pain associated with conditions such as:

- carpal tunnel,
- frozen shoulder,
- lower back pain,
- neck pain
- tennis elbow
- and more ...

Phoenix BioFeedback Laser Series - Product description

The Phoenix BioFeedback lasers are all class IIIb lasers built on a powerful conventional low level laser therapy (LLLT) platform. All systems incorporate the full range of benefits inherent to LLLT lasers. In addition the PL Series lasers are enhanced with preprogrammed algorithms designed to encourage homeostasis from the DNA level up on through the systemic level of physiological function.

These added energetic features allow the PL laser systems to be beneficial in a substantially more effective manner than conventional lasers. The PL System can also be used very effectively on its own as a standalone device without the input of a biofeedback system.

In addition to the features and benefits inherent to this technology, the Phoenix BioFeedback laser systems allow for a seamless integration with several systems currently on the market including the Life System, EPMX, Scio, Indigo, Eagle Systems, ABPA and the Trinfinity8.

Whichever system you are planning to interface with, the PL algorithms will compliment, balance and fill in critical information to assure superior results in the course of your biofeedback session. If your system was not mentioned above please be sure to ask if the PL system can be retrofitted to work on whatever program platform you're working on.

Many of the popular computer based programs on the market use a variety of delivery systems including subspace, metaspaces, crystals, harnesses, LEDs and mat type mechanisms. Whether your system generates frequencies, rates, tri-vectors, mathematical algorithms, binaural sounds or music, the PL laser system effectively increases the holographic quality of your system's output. In many cases the increase is in excess of 600% depending on the source input being used with the PL Laser.

In a preliminary side by side testing recently conducted; 4 candidates were run for 6 minutes using the exact same biofeedback output using the system's standard delivery method. A 5th candidate was run with the exact same biofeedback output but this time it was delivered through the PL320 laser system. The 4 candidates that received the standard delivery all got very similar and impressive changes between their before and after test results. The 5th candidate that had the same treatment through the laser tested a 500% greater increase in his before and after test results as compared to his 4 counterparts that received the standard biofeedback system's delivery method.

There are currently 2 models (PL-160, PL-320) of the Phoenix Laser series being produced. The PL-480, the PL-1111 and the Vogel Lasers of the specialty series are custom order laser systems. These lasers are designed to provide a very powerful biophotonic delivery system for biofeedback and neurofeedback platforms as well as other treatment modalities.

Laser specs, description and pricing:

PL-160 Laser (Price \$2,500)

Please specify which system you will be interfacing with.



The PL-160 is a class IIIb laser system which includes the biofeedback laser interface, AC power adapter, laser safety glasses, protective case and a fully adjustable single aperture dual laser system. Laser configuration includes 1-650nm and 1-780nm diodes with a total combined output $\leq 160\text{mW}$. 50% duty cycle / 2500Hz output frequency.

PL-320 Laser (Price \$4,250)

Please specify which system you will be interfacing with.



The PL-320 is a class IIIb laser system which includes the biofeedback laser interface, AC power adapter, laser safety glasses, protective case and a fully adjustable dual aperture quad laser diode module. Laser configuration includes 2-650nm and 2-780nm diodes with a total combined output of $\leq 320\text{mW}$. 50% duty cycle / 2500Hz output frequency.

PL-480 Laser (Price \$7,500) **Special Order Item**

Please specify which system you will be interfacing with.



The PL-480 is a class IIIb powerhouse laser which includes the biofeedback laser interface, AC power adapter, laser safety glasses, protective case and a fully adjustable triple aperture, 6 laser diode configuration. 3-650nm and 3-780nm diodes with a total combined output of $\leq 480\text{mW}$. 50% duty cycle / 2500Hz output frequency

Advanced Laser Imprinting Systems

PL-111 (retail \$6,500) Special Order – Build to Suit

Please specify which system you will be interfacing with.

The PL-111 is a portable imprinting system that is designed for a variety of specialty applications. This system includes the laser biofeedback interface, a dual power supply (A/C D/C). Laser modules with this system include:

- 635nm red laser for general purpose use,
- 532nm green laser for powerful high quality imprinting applications. (laser includes a 1000pt. laser diffraction tip for enhanced imprinting)

The PL-111 uses class IIIa lasers rated at $\leq 5\text{mW}$. Duty cycle is 50% with an adjustable pulsed output capable of generating a range of frequencies from 1Hz up to 100KHz (100,000Hz).

For true portable versatility this system is set up to work using an AC power supply with a battery operated DC backup system for use on the fly should you have no available line power.

This system can be designed to interface with Eagle Research Products.

Upgrades:

- 405nm Violet laser module - \$1,250 (includes a removable laser line generator tip)

Vogel Crystal Laser Systems (Please inquire)

The Vogel Laser system is a high powered laser charging station that utilizes a laser cut Vogel crystal on the output of the laser barrel. This system is the ultimate Laser charging system.

The Vogel laser imprinter is a special order custom build item that can be built to suit using 670nm (red), 532nm (green) or 405nm (UV) lasers in a single or dual barrel configuration. Laser finishes are available in a choice of colors including 24K gold plating. Source input and other upgrades available.

The lasers used in the Vogel systems are all 200mW class IIIb lasers. Duty cycle is 50% with an adjustable pulsed laser output range of 1Hz up to 100KHz (100,000Hz).