

Calmar Laser Demonstrates their Latest Femtosecond Fiber Lasers at BIOS/Photonics West 2012: Both the 20 μ J Cazadero FLCPA and the 500 mW, 780 nm Mendocino FPL will be on Show

Sunnyvale, CA, Dec. 15, 2011---Calmar Laser, a leading developer and manufacturer of ultrafast fiber lasers, will demonstrate its latest product offerings at BIOS and Photonics West 21nd – 26th January 2012, in San Francisco, Moscone Center. Please join us at: Booth #**8218 South Hall** (BIOS) and # **5535 North Hall D** (PW) and be the first to see our new high power and high pulse energy ultrafast fiber laser solutions.

Cazadero (FLCPA-05U) greater than 20 μ J/pulse

The Cazadero femtosecond fiber laser chirped pulse amplifier system now uniquely provides end users with greater flexibility- full control of pulse repetition rates and the ability to select pulse energies according to their application requirements. For all your athermal, precision materials processing needs...from stents to corneas, pulses can be conveniently delivered in customizable “burst” mode sequences or even single shot!!



Cazadero FLCPA laser head

- **Pulse Width 500 fs**
- **Wavelength 1030 nm**
- **Variable Repetition Rate from MHz to Single Pulse**
- **Pulse Energy up to 20 μ J**
- **Beam Quality TEM_{00} , M^2 1.1**
- **Beam Diameter ~ 3 mm**

Mendocino (FPL-05RFF0), 500 mW, 780 nm

Designed for OEM and scientific biophotonics applications, the model FPL-05RFF0 is nearly **300 times smaller** than comparable power femtosecond Ti:sapphire laser systems. The all-fiber architecture provides customers with significantly enhanced reliability, improved stability, and a reduced cost of ownership. The “laser-pointer” style package enables high power, femtosecond pulses to be brought directly to your sample, in the smallest spaces!!



High Power Mendocino FPL Head

- **Pulse Width 150 fs**
- **Wavelength 780 nm**
- **Repetition Rate 50 MHz**
- **High Power 500 mW**
- **Beam Quality TEM_{00} , M^2 1.1**
- **Ultra Compact Laser Head
3 x 3 x 13.5 cm (WxHxL)**



575 N. Pastoria Avenue
Sunnyvale, CA 94085
Tel: +1 408.733.7800
Fax: +1 408.733.3800
www.calmarlaser.com

About Calmar Laser

Calmar Laser manufactures innovative fiber laser and fiber amplifier solutions for OEM, industrial, medical and scientific applications. Since 1996 Calmar has been a key supplier and reliable OEM partner to customers for advanced high-speed test and measurement applications, optical communications, component characterization, material diagnosis, transmission, biomedicine and micromachining. Today, Calmar is an industry leader in supplying robust, compact, ultrafast fiber lasers designed for simple hands-off reliable operation. For more information about Calmar Laser and product updates, visit the Company's Web site at <http://www.calmarlaser.com>.

Company Contact:

Dr. Peter Hu, Director of Sales and Marketing
Email: peter.h@calmarlaser.com
Tel: +1 408.733.7800