



January 22, 2020

Greetings !

First, best wishes for the new year and the new decade of the “Roaring Twenties”. We look forward to the opportunity to reacquaint next month in San Francisco at BIOS and Photonics West for our premier tradeshow of the year. **You can find us in the South Hall of the Moscone Center at booth# 8445 (BIOS, February 1-2) and booth# 3406 (PW, February 4-6).**

Here are some of the new offerings we will have on show:

Our Carmel X-series is the hands down industry leader in high power femtosecond fiber lasers- offering the smallest foot print with the highest power and shortest pulse width. The X-780 system is the preferred platform for 3D nanoprinting, bio-imaging, cancer diagnostics/phototherapy, and metrology applications. **For the first time, we will be demonstrating the latest feature for this hand-held package: OptaPower™, a new power stabilization system that ensures rock-solid performance for long term data acquisition requirements. Stop by to check out this technology demonstration ahead of its formal release later this year.**



Carmel X-780

- High power (up to > 1 W)
- Ultra-short pulse widths (down to < 90 fs)
- Wavelength options of 780, 1550 nm and more
- All air-cooled, no chiller required
- Ultra-compact laser head
(up to 100x smaller than competitive systems)

With the significant interest in eye-safe 3D sensing applications, we continue to innvovate new product options that enable advancements in the field. We will be showcasing our latest **Mendocino LDR module**, with a shorter pulse width (1 ps) and higher output power (> 10 mW) along with our **Coronado family of erbium-doped fiber amplifier modules**. With repetition rates in the MHz range, these 1550 nm systems are

ideal sources for high resolution LIDAR and sensing applications.



1550 nm Mendocino LDR



Coronado EDFA

For the test and measurement sector, the latest desktop versions of the Mendocino and Eureka platform will be on display. With an output at 1310 nm (as well as options for 850 and 1550 nm), pulse widths of < 0.3 ps, and triggering jitter as low as 200 fs, these source are perfect for telecommunication component testing and photodiode characterization.



1310 nm Desktop Mendocino



Eureka

And for our research, the unique 1550 nm, high energy femtosecond Cazadero provides a very versatile and cost-effective ultrafast source for biomedical applications.



Cazadero

And, if you don't see an ultrafast fiber laser that meets your needs, then please stop by and talk to us about a customized solution for your application needs.

Regards,

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About Calmar Laser

Calmar Laser is an ISO 9001:2008 manufacturer of innovative ultrafast fiber laser and fiber amplifier solutions for the needs of industry, research institutions and universities. 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, 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, visit the Company's Web site at <http://www.calmarlaser.com> for product updates.