



Greetings!

CLEO 2018 is just a week away and we hope you'll find your way to sunny San Jose, CA, to catch up and see our latest ultrafast fiber laser solutions. Please stop by our booth (**#1622, May 15-17<sup>th</sup>**) in the exhibit hall and, if you have time, come by our facilities in nearby Palo Alto.

Here's a brief update:

Our **industry-leading Mendocino line** of OEM compact, low power ultrafast fiber lasers continues to expand with new wavelength and pulse width options, remote control capabilities, and extended lifetimes. The **battery-powered Mendocino LDR** is representative of one of our customized solutions. **With a pulse width of 10 ps and an output power of over 5 mW at 10 MHz, this 1550 nm, eye-safe, module was specifically developed for optical communications and high resolution LIDAR and 3D sensing applications.**



**Mendocino LDR**

In the test and measurement area, we have seen significant activity as the communications sector rises to the challenge of exponential growth in internet data traffic from bandwidth intensive applications, such as video and TV. The roll out of 100+ Gb/s fiber networks and the upcoming 5G mobile access are driving challenging requirements for optical test sources. **We've responded with a new range of Mendocino desktop models to complement the tried and tested Eureka platform.**



**1310 nm, 200 fs, 27 MHz, Mendocino**



**1550 nm, 10 ps, 20 GHz, Eureka**

With wavelength coverage from 780 to 1560 nm, pulse widths from 100 fs to 10 ps, repetition rates from 10 MHz to 20 GHz, and triggering jitter as low as 200 fs, we believe we have a desktop offering to meet your needs. If not, then talk to us about a customized solution.

And finally, we'll share what's new with the [Carmel X-series](#), the preferred range of sources for bio-imaging and metrology applications and the most powerful hand-held, femtosecond fiber lasers on the market today:

- High power (up to > 1 W)
- Ultra-short pulse widths (down to < 90 fs)
- Wavelength options of 780, 920, 1550 nm and more
- All air-cooled, no chiller required
- Ultra-compact laser head (up to 100x smaller than competitive systems)



Carmel X-780

We're looking forward to an exciting show and seeing you soon.

Regards,

## About Calmar Laser

*Calmar Laser is a US-based, ISO 9001:2008 developer and manufacturer of innovative ultrafast fiber laser and fiber amplifier solutions for OEM, B2B industrial, medical and scientific applications. Since 1996, Calmar has served universities and research institutions with leading-edge ultrafast fiber laser platforms. Our compact, robust designs have also enabled long term partnerships with customers in the fields of advanced high-speed test and measurement, optical communications, biomedicine, component characterization, semiconductor metrology, ophthalmology, and micromachining. Today, Calmar continues the tradition of technology leadership with its unique range of ultrafast fiber laser platforms designed for simple, hands-off, reliable operation.*

*For more information about Calmar Laser and product information, visit the Company's Web site at <http://www.calmarlaser.com>.*