



August 12, 2013

Greetings!

Calmar wishes to update you on our latest innovations and news.

### [New 805 nm Mendocino Laser](#)

Calmar Laser's continued innovation has resulted in the new Mendocino seed laser with the following features:

- Wavelength between 795 to 815 nm (selectable)
- An average output power over 20 mW
- Pulse width under 100 fs with no pedestals.
- A small laser head, only 15 × 12.7 × 6 cm
- High reliability and long life.
- Customized user-tunable version available in 780 to 900 nm range.



The new Mendocino 805 nm laser is ideal for seeding Ti:sapphire lasers, with a high quality beam ( $M^2 < 1.2$ ), stable pulse ( $< 1\%$  RMS), long life, and rapid reliable starting behavior.

### [New Mendocino Laser Selection Guide](#)

If you're seeking solutions for short pulse lasers, our new [Mendocino white paper](#) helps in rapid selection of femtosecond lasers at wavelengths of 780-815, 1030-1065, and 1550 nm.

A full table of available lasers is also listed on Calmar's [Mendocino](#) product page. See the Specifications Tab

### [Innovative Lasers from Calmar](#)

Other laser types from Calmar that may be of interest include the following:

[Cazadero](#) - High Energy Pulses in the 1 to 30  $\mu$ J range, using Chirped Pulse Amplification. Available in 1030 and 1550 nm wavelengths, with highest energy at 1030 nm.

[Carmel](#) - High power 780 nm  $< 100$  fs with over 500 mW average power (up to 13 nJ/pulse). A very compact laser head (3x13x9 cm) is of value in applications needing scanning.

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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, visit the Company's Web site at <http://www.calmarlaser.com/> for product updates.

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