



1 October, 2012

Greetings,

Just a quick note to let you know that we will be exhibiting our latest femtosecond laser technology together with our German partner Polytec GmbH in booth #1448 of Semicon Europa. This year the show is being held October 9-11 in the Messe Dresden. If you plan to attend the show, please drop a line, or just stop by the booth and ask for Mr. Peter Schullerer.

On display will be the newest version of our Cazadero 20  $\mu$ J femtosecond fiber laser:

Model Number	Cazadero FLCPA-05U
Wavelength (nm)	1030 $\pm$ 5
Average Power (W)	> 2.4 @ 120 kHz
Minimum Pulse Width (ps)	< 0.5 (0.37 typ)
Tunable Pulse Width (ps)	Up to 30
Energy ( $\mu$ J )	$\geq$ 20 @ 120 kHz
	$\geq$ 10 @ 200 kHz
	$\geq$ 4 @ 500 kHz
	$\geq$ 2.2 @ 1 MHz
M <sup>2</sup>	< 1.2 (1.1 typ)
Arbitrary Pulse Picker	Included. Adjustable repetition rate down to single pulse by customer supplied gating control (LVCMOS3.3)
Data Log	Yes
Cooling	Air-Cooled

Detailed product specifications can be viewed at <http://www.calmarlaser.com/docs/FLCPA-05U.pdf>

Hope to see you there!

Regards,

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 Director of Marketing

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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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