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INSIGHT

InnoLas Laser Sales Meeting and new product releases

Partners and distributors of InnoLas Laser GmbH from around the world came to Germany in April 2012 for the first InnoLas international sales meeting. The highlights of a week packed with lots of information were probably the releases of three brand new products:

Piccolo AOT series

The new InnoLas piccolo AOT series stands for compact and uniquely efficient high repetition rate picosecond solid state lasers operating with high energy in the UV, visible and near infrared. The InnoLas piccolo AOT product range comprises oscillator and oscillator/amplifier (MOPA) units. They operate from 0-100 kHz pulse rate, to > 100 uJ pulse energy and > 100 kW peak power. InnoLas piccolo AOT lasers provide pulses an order of magnitude (or more) shorter than from competitive technology. Shorter, more intense pulses can provide the user many advantages such as reduced work piece heating effects and improved quality in precision processing and marking.

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NANIO 532-10-V-20

With the release of the NANIO 532-10-V-20 InnoLas Laser provides a new laser tool for today's demanding micromachining applications. Pulse energies of more than 500 µJ and pulse widths as small as 12 ns open new opportunities in demanding applications like HQ glass cutting for smart phone or tablet displays. Also ceramics and carbon fiber compounds can now be processed with the NANIO 532-10-V-20 in quality levels which have been achieved only by using cost-and-service-intensive picosecond lasers so far.

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SpitLight OPO

InnoLas Laser GmbH now offers nanosecond OPOs as complete systems. The pump laser, frequency multiplication and OPO resonator are integrated into a compact housing and centrally operated using a microcontroller. InnoLas OPOs offer a wide tuning range (410 nm – 2500 nm), high pulse energies (up to 1000 mJ) and the option of choosing the output wavelength freely for each single pulse thanks to a special module. The systems are composed of modules and can be adjusted flexibly to the customers' needs. Just like all InnoLas lasers, the new OPO series guarantees uncomplicated operation through its robust setup, user-friendly software and fast, reliable customer service.

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