



Coherent

Superior reliability & performance

NEW Legend Elite Duo Integrated UF Amplifier



Newsletter May 2007

Coherent to Launch NEW Ultrafast Amplifier and Oscillator

At Photonics West this past January, we set new standards for both passive and active stability together with ultra-short (<35 fs) pulses at high pulse energy (>3mJ) with the launch of our **Legend Elite**.

At CLEO (May 6th ? 11th 2007, Baltimore, Maryland, USA, www.cleoconference.org), we set these standards even higher. The new **Legend Elite Duo** from Coherent, Inc. is an *integrated ultrafast amplifier that delivers pulse energies over 6 mJ at a 1 kHz repetition rate. With a pulse width capability of less than 40 fs and M2 <1.5, the output from the Legend Elite Duo can generate higher intensities than other integrated amplifiers.*

Also we showcased the extended range of our **one-box Micra** family with the first showing of the higher power **Micra-10** ultra-short pulse oscillator and a new **CEP accessory** (see picture) for *carrier-envelope phase stabilization*.



Further product news will be displayed at LASER 2007 (June 18th ? 21st, Munich, (<http://world-of-photonics.net>))

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