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# Press Release

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## **ORANGE** Yb:doped Femtosecond Fiber Laser

Menlo Systems announces its latest Femtosecond Fiber Laser ORANGE. With the new laser model we completed our product line of femtosecond fiber lasers at the wavelengths of 1030 and 515 nm.

The ORANGE oscillator provides the high performance level and reliable operation cycle that our customers value in our Er:doped fiber lasers. It is well suited for applications in industry and science.

Record breaking values of 200 mW average power in 100 fs pulses at a repetition rate of 100 MHz out of the mode-locked fiber oscillator ORANGE open up new possibilities in microfabrication, cell manipulation, multi-photon excitation, and spectroscopy. For applications that benefit from even higher average power values or peak powers we can subsequently amplify the pulses while keeping its extremely short pulse length in a single stage amplifier.

The ORANGE laser is a turn-key system built using telecom rated components. Its release is a further step Menlo Systems made in bringing the benefits of fiber technology to our customers.

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Menlo Systems, a leading developer and global supplier of instrumentation for high-precision metrology, was founded 2001 as spin-off of the Max-Planck-Institute of Quantum Optics. Known for the Nobel-Prize-winning Optical Frequency Comb technology, the Munich based company offers complete solutions based on ultrafast lasers and synchronization electronics for applications in industry and research. All our products are manufactured according to Lean Manufacturing standards. We think that Lean Production supports our strength in listening to the customer and manufacture in a fast and efficient way.