

Press Release

## T-LIGHT – the ultra-compact femtosecond laser

During the last years several key applications using pulsed lasers have emerged, requiring the shortest pulses available. Menlo Systems, a German-based laser manufacturer, is proud to announce its latest, most compact femtosecond fiber laser, the T-LIGHT.

The T-Light has special qualities, like extremely short pulses, high repetition rate, excellent beam quality and long life span. All of these features come in a robust and very compact package. It is engineered for applications in the micro material processing, THz generation, multiphoton microscopy and spectroscopy.

“During the last years our industrial customers have asked for reliable and cheaper femtosecond lasers. With the T-LIGHT we have reacted straight to this and have developed the most compact laser of its class,” explains manager Dr. Michael Mei. “We have succeeded in creating a laser with a dual wavelength output of 1560nm and 780 nm. With its 24h/7d operation cycle the laser can be OEM integrated.”

With its size of 18 x 18 x 8 cm the developers of Menlo Systems set a new benchmark in the overall size of this laser class. “Although the T-LIGHT is very compact, we have not made any compromise in performance. With an average output power of 150 mW at the fundamental wavelength and a repetition rate of 100 MHz in pulses of 100 fs it is state-of-the art,” confirms CTO Dr. Ronald Holzwarth.

### Contact

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