

COMPACT FEMTOSECOND LASER YTTERBIUM-10

The Ytterbium-10 platform comes in two variations and combines the advantages of a compact design with our high-power expertise. Requiring no additional chiller, this platform can be easily integrated in every lab while providing customizable parameter sets. Depending on the specifications it comes with a free-space or fiber-coupled output.

Please contact us for detailed specs of your desired configuration.

	Ytterbium-10
Central wavelength	1020nm ... 1070nm
Repetition rate	single shot ... 80MHz (depends on exact configuration)
Pulse energy	up to 10μJ
Peak power	up to 200MW
Average power	up to 10W
Pulse duration	50fs ... 100ps adjustable
Polarization	linear
Beam quality	fiber-coupled or close to diffraction-limited, $M^2 < 1.2$
Logging	logging of all operation parameters via control software, remote monitoring and service access
Additional features	turnkey reliability, all parameters software-controlled, temperature-stabilized and dust-sealed housing

APPLICATION EXAMPLES

- Spectroscopy & Microscopy
- Laser seeding and OPA pumping
- Materials processing

MORE INFORMATION

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