



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.

MORE INFORMATION

www.afs-jena.de | sales@afs-jena.de

APPLICATION EXAMPLES

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

| | Ytterbium-10 |
|---------------------|---|
| Central wavelength | 1020 nm ... 1070 nm |
| Repetition rate | Single shot ... 80 MHz (depends on exact configuration) |
| Pulse energy | up to 150 nJ |
| Peak power | up to 2.6 MW |
| Average power | up to 10 W |
| Pulse duration | 50 fs ... 100 ps 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 |

