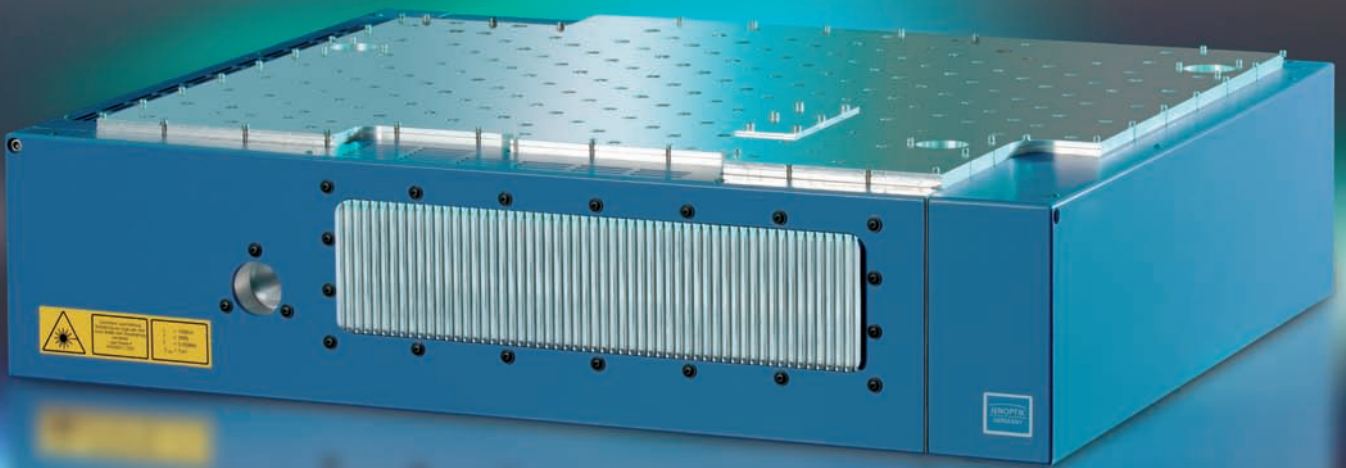


JenLas[®] D2.fs

Diode-Pumped Solid-State Femtosecond Laser



Features:

- OEM - design for integration
- Water- and air cooled version available
- High repetition rate (up to 200 kHz)
- High pulse energy

Technology:

- Regenerative femtosecond amplifier
- Diode pumped
- Yb:KYW – thin disc technology

Applications:

- High precision micro machining
- Microsurgery
- Spectroscopy

JenLas[®] D2.fs

Diode-Pumped Solid-State Femtosecond Laser

Specifications

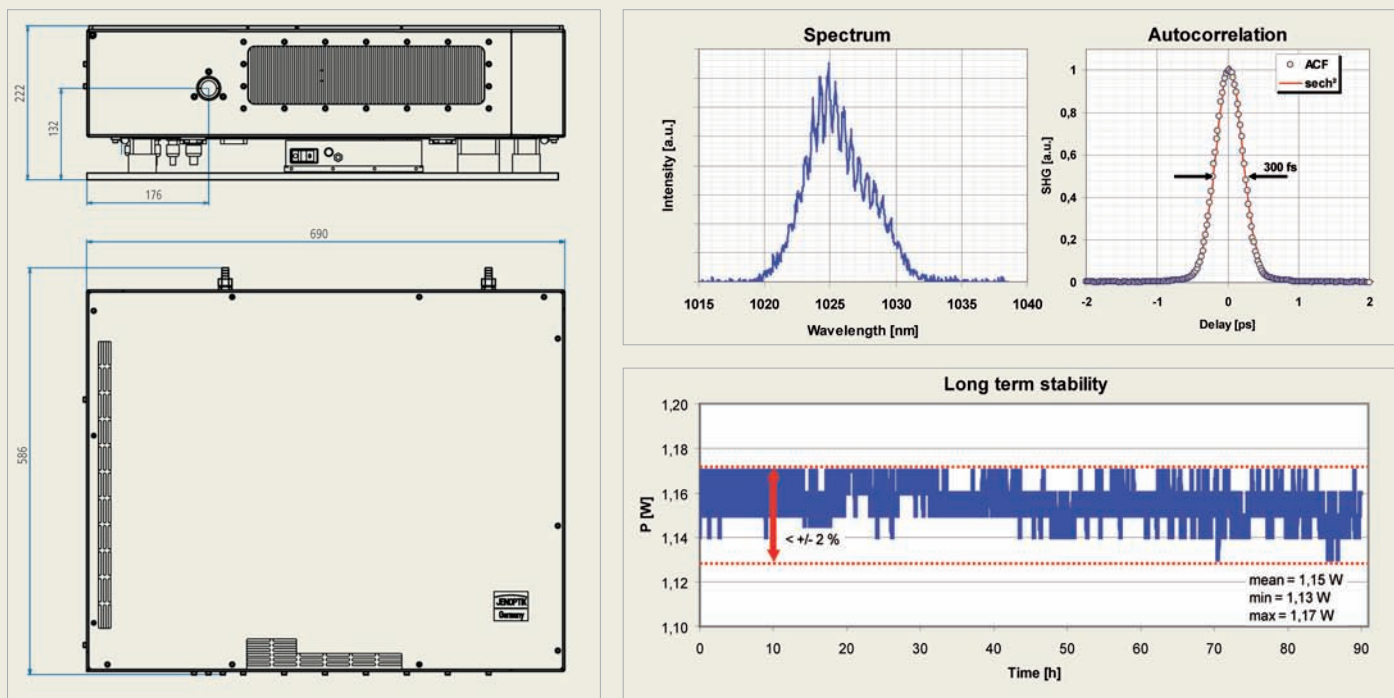
Parameters	
Laser	Yb:KYW Thin-disk laser, diode-pumped
Laser class	4
Wavelength	1025 nm
Ambient temperature	15 °C ... 30 °C

Operation	
Output energy	10µJ @ 200kHz / 40µJ @ 100kHz
M ² (typical)	≤ 1.25
Pulse Repetition rate	30 – 200 KHz
Pulse length	< 400 fs

Electrical specifications	
Electrical input data	220 V @ 50 Hz, 110 V @ 60 Hz
Input power	1.8 kW

Laser head	
Dimensions (W x H x L)	690 mm x 222 mm x 586 mm
Weight	65 kg

For the operation of the laser, a suitable power supply must be used that complies with the regulations relevant to the respective application. Please contact us for further technical details.



It is our policy to constantly improve the design and specifications. Accordingly, the details represented herein cannot be regarded as final and binding.



JENOPTIK Laser, Optik, Systeme GmbH
Lasers Business Unit
Goeschwitzer Strasse 25, 07745 Jena, Germany
Phone +49 3641 65-2548 Fax +49 3641 65-3117
E-mail: laser.sales@jenoptik.com
Internet: www.jenoptik-los.com

