

< 40 fs Fiber Laser

> 250 mW

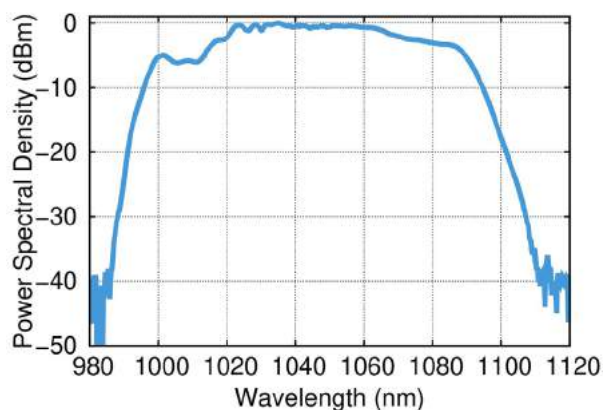
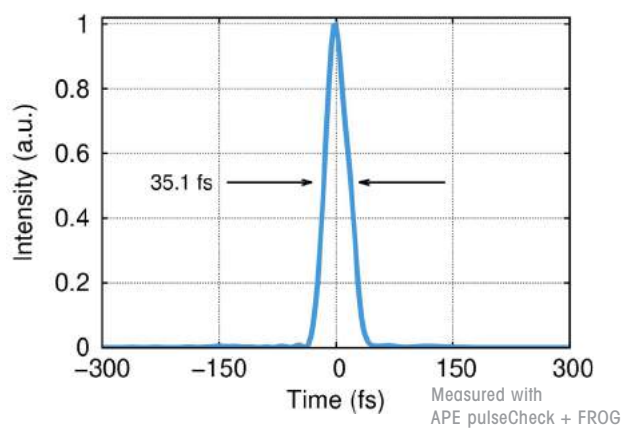
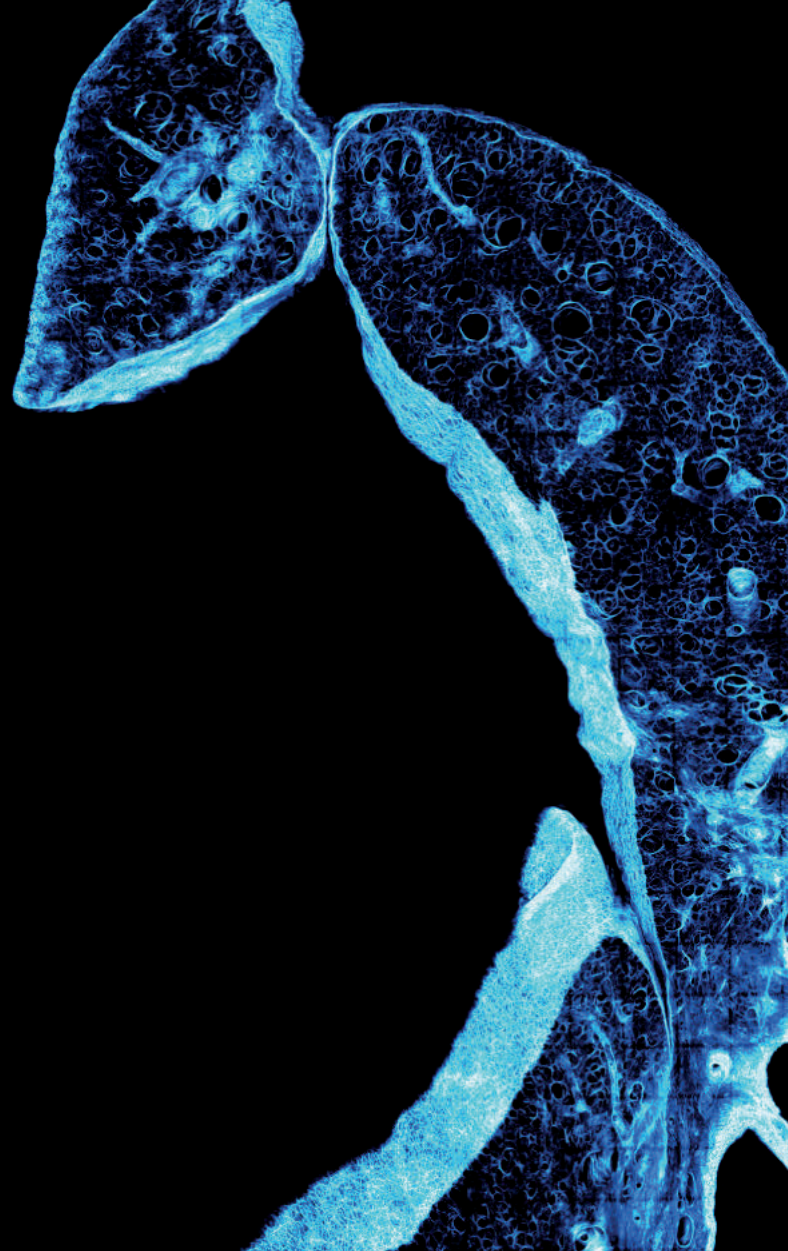


Key features

- Turn key
- Interlock system
- Adjustable pulse duration
- Precompensating dispersion module
- Remote controllable
- Optional: - Fiber coupling
- Additional output

Applications

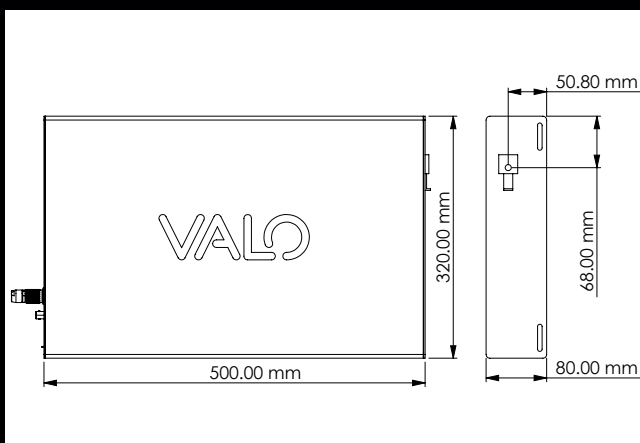
- Biophotonics
- Multiphoton microscopy
- Optogenetics
- Time-resolved spectroscopy
- Two-photon polymerization
- 3D micro printing
- Supercontinuum generation
- Amplifier seeding
- Pumping OPOs
- ...



Specifications

| | |
|--------------------|--|
| Pulse width (FWHM) | < 40 fs |
| Center wavelength | 1050 ± 10 nm |
| Average power | > 250 mW |
| Repetition rate | 30 ± 1 MHz (other repetition rates upon request) |
| Pulse energy | > 8 nJ |
| Polarization | Linear |
| Spectral bandwidth | > 90 nm (@ -10 dB) |
| M ² | < 1.2 (typ. < 1.1) |
| Warm up time | < 1 min |

Technical drawings



Version: 06/2019



Custom solutions are available

For further information and pricing please contact us.

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Made in Germany



Invisible Laser Radiation
Avoid eye or skin exposure to
direct or scattered radiation
Class 4 Laser Product
according to DIN EN 60825-1:2015-07

Specifications and technical data are subjects to change without notice due to technical developments.