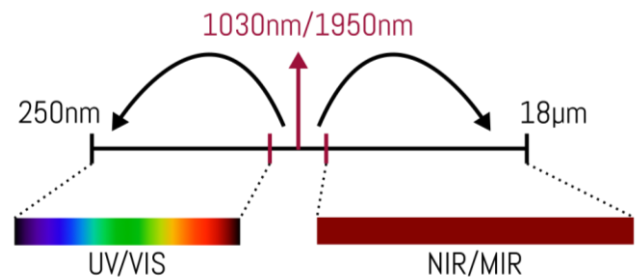


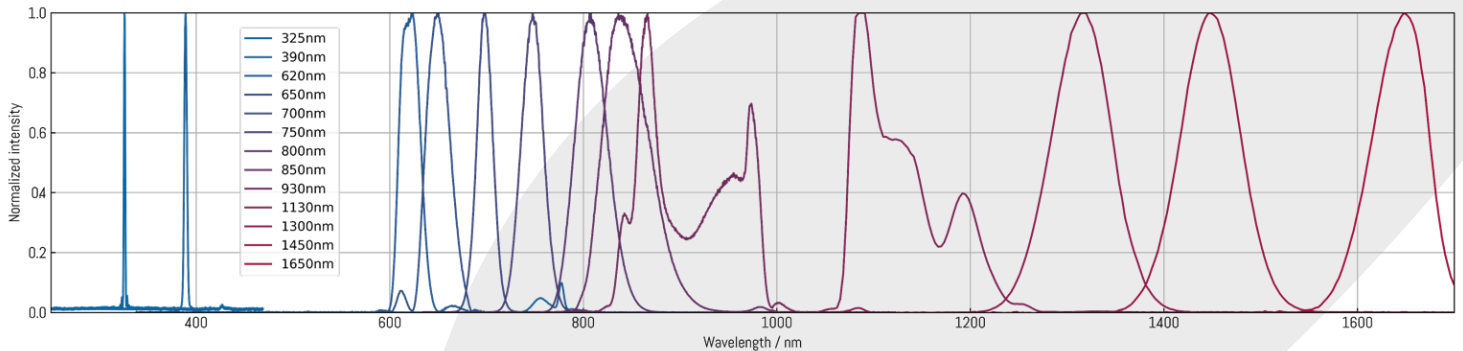
OPA Specifications	
Wavelength tuning range	250nm...2500nm
Pulse repetition rate	Single shot...2MHz
Average power	up to 100 W input power
Pulse energy	up to 10mJ input energy
Pulse durations	20fs...300fs, depending on spectral range and input parameters
Polarization	Linear
Additional features	Flexible configurations available, fully integrated in laser control software, Path-length compensations for pump-probe beamlines and many more...

Unlock the power of light with our cutting-edge High-Power Optical Parametric Amplifiers (OPAs) designed specifically for scientific applications. Built on advanced technology and precision engineering, our OPAs are the ultimate solution for amplifying and manipulating light in the laboratory.

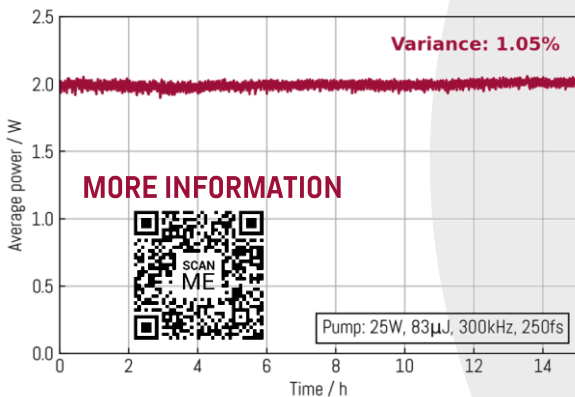


Our OPAs can be fully customized – please contact us for a possible design tailored to your application.

Spectral range that can be covered by AFS Addons – see also the exemplary spectra below.



Exemplary power stability measurement.



Why you should choose OPA from AFS:

- **High-Power Capability:** OPA engineered to handle high-power demands amplifying your optical signal to new heights,
- **Versatile Wavelength Coverage:** expanding your experimental possibilities across the electromagnetic spectrum,
- **Advanced Nonlinear Crystals:** state-of-the-art crystals for high damage thresholds and long-term reliable operation,
- **OPA made in Germany.**