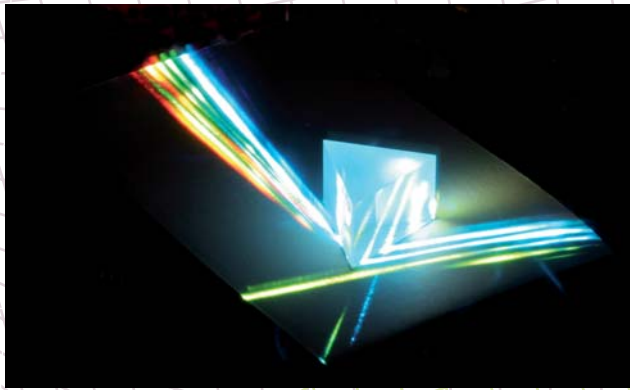


FAN CRYSTAL OPTION

for OPO PP Automatic

The OPO solution for maximum flexibility



The new Fan-crystal option offers full flexibility in pump- and OPO output wavelengths combined with automated tuning. This is in particular useful for 2-color applications as

- simultaneous MPE of different dyes,
- uncaging,
- CARS/SRS
- other pump-probe-experiments.

Together with the widely tunable Ti:Sapphire pump laser and in conjunction with a SHG/THG module it covers the outstanding wavelength range of 230 ... 4000 nm.

Flexible pump wavelength without crystal exchange

Remote controlled crystal positioning and OPO-tuning

Available for femtosecond and picosecond systems with easy conversion

Ultrafast Pulse Diagnostics

Wavelength Conversion

Pulse Management

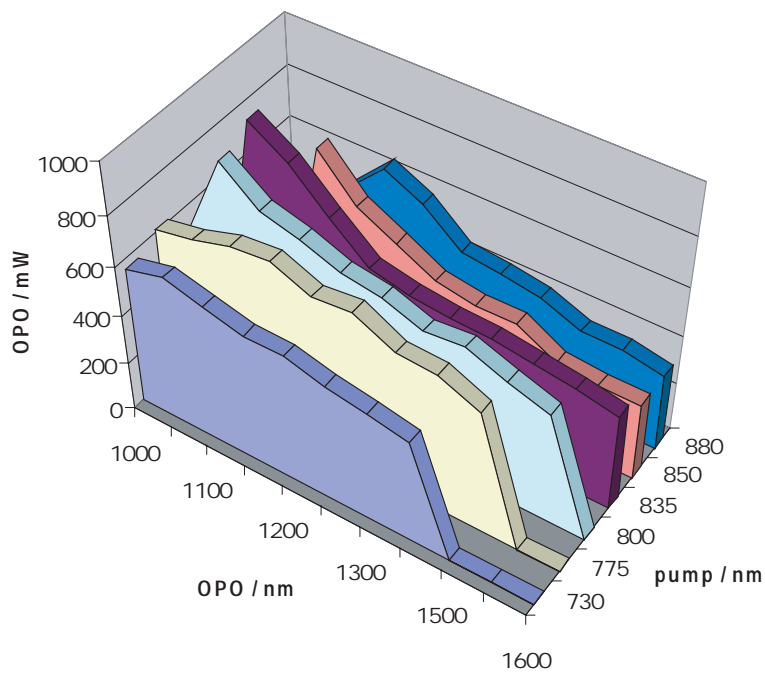
Acousto-optics

Your Partner in Ultrafast

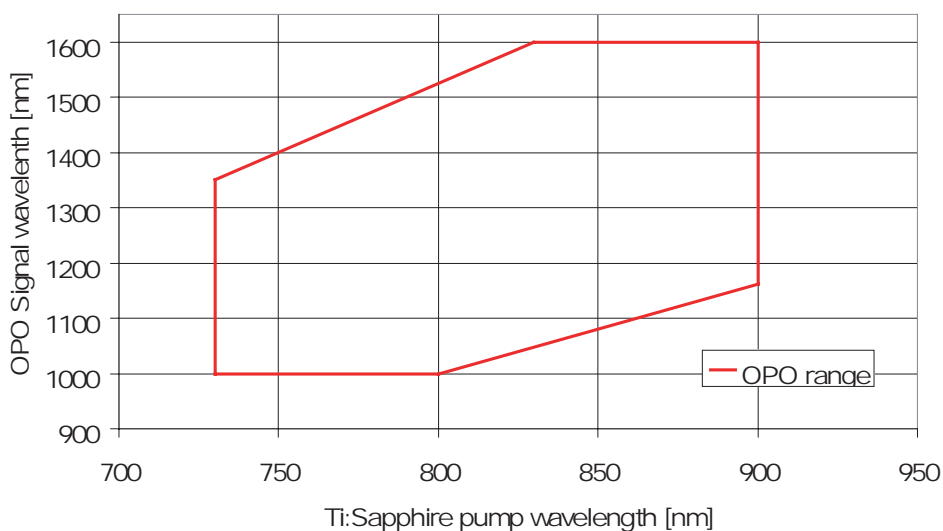
TECHNICAL DATA / SPECIFICATIONS

OPO Signal wavelength range	1000 ... 1600 nm (depending on actual pump wavelength)
Pump wavelength range	< 740 to > 880 nm
Pulse duration	200 fs / 1.6 ps typical
Time-bandwidth product	0.6 typical
Output power	> 600 mW @ 1100 nm with 800 nm, 3.5 W pump
Idler wavelength (optional)	1750 ... 4000 nm

Power tuning curves



Tuning range



Distributors

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APE follows a policy of continued product improvement. Therefore, specifications are subject to change without notice.