

Product Release Note

For Immediate Release

PicoQuant GmbH and Toptica Photonics AG have jointly developed a new high power pulsed laser source for the green, red and infrared wavelength range. The system comprises a pulsed seed-laser and tapered amplifier in a Master Oscillator Power Amplifier (MOPA) configuration. It produces light pulses down to 100 ps at an adjustable repetition rate up to 80 MHz, also the amplification of the master laser peak power can be adjusted by more than a factor of 10. Systems are available at 530, 780 and 1060 nm. Wavelengths between 760 and 980 nm will be available soon. The device is not only available as a stand-alone unit but also as an extension for existing laser sources. Optional features are a PC control interface and a fibre coupled output. Easy to use lasers delivering powerful picosecond pulses are useful sources

for biomedical analytics, optical time domain tomography as well as for other time-resolved applications like fluorescence spectroscopy or luminescence spectroscopy of semiconductors.

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