

















Available irradiation conditions

Lasers	Effective pulse duration ⁽¹⁾	Standard wavelengths, nm	Pulse repetition rate, Hz
Nd:YAG (multi - mode)  Nd:YAG (single - mode)  Nd:YAG (single - mode) 	4 - 6 ns  10 - 12 ns  12 - 14 ns 	1064  532  355  266  213 	1 - 10  1 - 100  1000 
Nd:YAG OPO	6 - 8 ns	710 - 810 1500 - 2100	1 - 100 ⁽²⁾
Yb:KGW	Tunable 200 fs - 12 ps ⁽²⁾	1030 515 343 258	Tunable 1 - 200000 ⁽²⁾
Ti:Sapphire ⁽³⁾	130 ps at 800 nm Tunable: 40 fs - 80 fs ⁽²⁾	800 400 266	Tunable 1 - 1000
Ti:Sapphire OPO	~ 40 - 80 fs	250 - 2500 ⁽⁴⁾	Tunable 1 - 1000 ⁽²⁾

Available polarization state for all conditions:
Circular/Linear (S, P); available AOI: 0 - 75°

Air (room temperature)	Available for all irradiation conditions	Standard option
Vacuum environment		Down to 10 ⁻⁶ mbar
Cryogenic temperatures		Down to 100 K, AOI: 0 - 60°

- (1) effective pulse duration measured at Full Width Half Maximum
- (2) wavelength dependent
- (3) non-compressed pulses are available on demand
- (4) pulse duration at wavelengths <500 nm and >1600 nm is relative between 40 - 80 fs