



MANNY

HIGHLY FLEXIBLE PICOSECOND LASER



FLEXIBLE PULSE DURATION



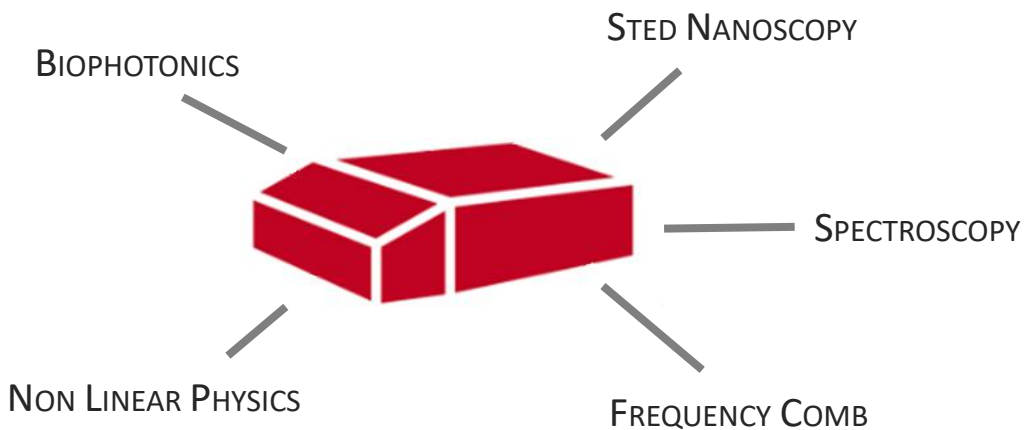
FLEXIBLE PEAK POWER



FLEXIBLE REPETITION RATE

MANNY

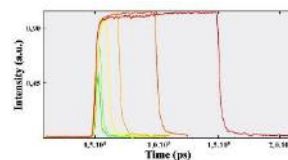
APPLICATIONS



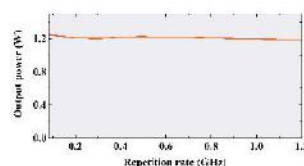
PERFORMANCES

MANNY is the first product range of all integrated laser systems based on picosecond pulse generation by **electronic pulse gating**.

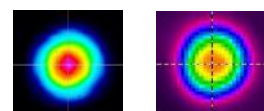
	MANNY S	MANNY M	MANNY L	MANNY XL
Central Wavelength	1030 nm, 1064 nm or 1550 nm			
Frequency doubling	515, 532 or 775 nm			
Avg. Output Power	40 mW	1 W	10 W	> 30 W
Spectral bandwidth	< 0,1 nm			
Pulse duration	35 ps - ns			
Repetition rate	5 MHz - 1 GHz			
Ext synchronization	Master/Slave			
Beam quality	TEM00			



Temporal pulse profiles



Av. Power vs rep. rate



Beam profile at 16W (1064 and 1550nm)