

SID

HIGH END PICOSECOND DIODE



HIGH POWER STABILITY



ULTRASHORT PULSES



ADJUSTABLE REP RATE

APPLICATIONS

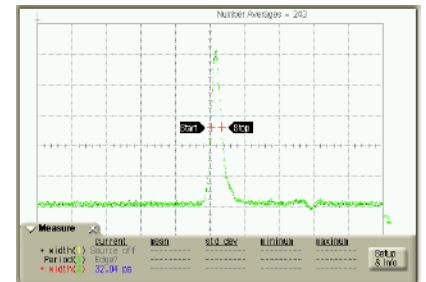
SPECTROSCOPY

BIOPHOTONICS

NON LINEAR OPTICS

PERFORMANCES

	SID S	SID M	SID L	SID XL
Central Wavelength		1550 nm or 1560 nm		
Frequency doubling		775 nm or 780 nm		
Avg. Output Power	40 mW	1 W	10 W	> 30 W
Spectral bandwidth		< 0,7 nm		
Pulse duration		35 ps		
Repetition rate		40 MHz to 500 MHz		
Ext synchronization		Master/Slave		
Beam quality		TEM00		



Pulse duration < 35 ps