

SPECIFICATIONS	DURO fs	DURO ps	SOLEM fs	SOLEM ps
WAVELENGTH (CENTRAL)	1030 ± 10 nm		1030 ± 10 nm	
PULSE DURATION	<300 fs	<10 ps	<50 fs	<10 ps
PULSE ENERGY	up to 200 µJ		up to 0.1 µJ	up to 3 µJ
BURST ENERGY	up to 0.8 mJ		-	
PULSE REPETITION RATE	single pulse to 10 MHz		single pulse to 200 MHz	
NOISE	<1 %		<0.5 %	
POWER STABILITY	<1 %		<0.5 %	
M ²	<1.2		<1.05	<1.05
BEAM DIAMETER	4 mm		2 mm	
POLARIZATION	linear, 200:1		linear, 1000:1	
NEGATIVE GDD RANGE	0 to 282000 fs ²	-	-	
WARM-UP TIME	No warm-up time		No warm-up time	
MECHANICAL/ELECTRICAL				
POWER CONSUMPTION	<300 W			
ELECTRICAL REQUIREMENTS	100-240 VAC 50/60 Hz			
COOLING SYSTEM	Air cooled			
EXTERNAL INTERFACES	USB 2.0, RS 232			
SOFTWARE INTERFACES	User-friendly and customizable GUI			
OPERATING TEMPERATURE	10-50°C		10-50°C	
NON-OPERATING TEMPERATURE	-10°C to +60°C		-10°C to +60°C	
RELATIVE HUMIDITY	<95%		<95%	
OPTIONS				
BURST MODE	GHz-level intra-burst repetition rate		-	
BURST SHAPE	Adjustable burst envelope shape via AOM		-	
PULSE REPETITION CONTROL	Amplifier diode modulation or ext/int AOM both available			
PULSE DURATION CONTROL	Adjustable between 300 fs to 10 ps			
WAVELENGTH	515 nm and 343 nm available by harmonic generation		Supercontinuum: option available (400-1100 nm)	