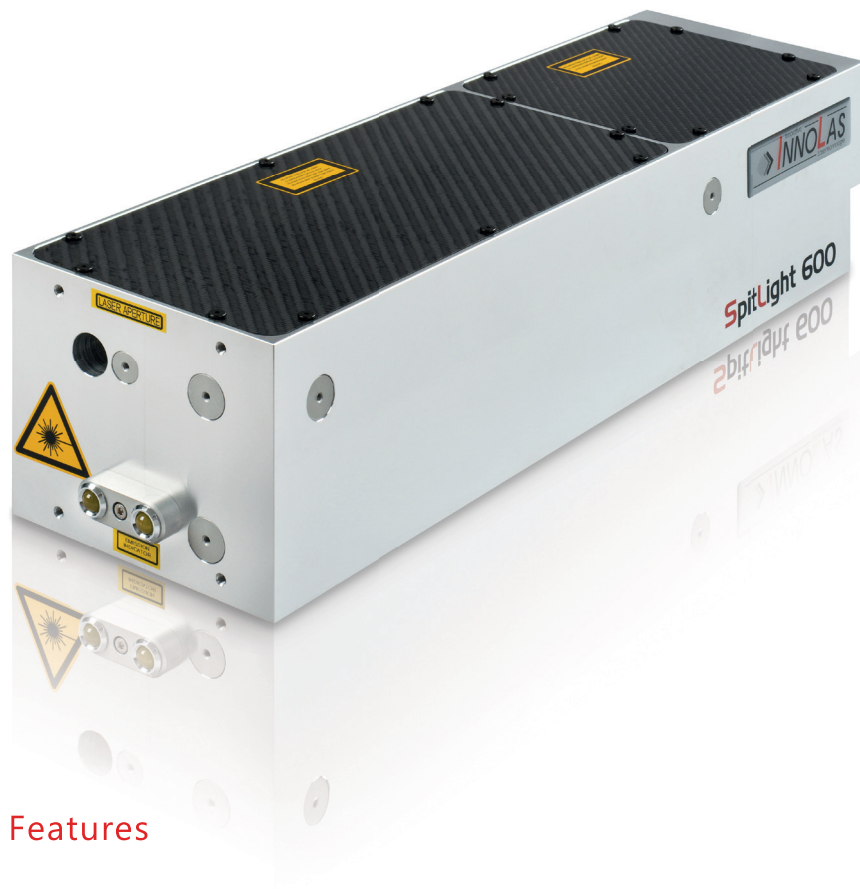


SpitLight Standard



Features

- * Compact laser head and power supply with small footprint
- * Robust and stable resonator structure
- * Quick and easy change of flashlamps
- * Maintenance-free pumping chamber with ceramic reflector
- * Excellent beam quality and pointing stability
- * Long flashlamp lifetime
- * Double pulse option available
- * System can be injection seeded (SLM-Option)
- * Uniform super gaussian beam profile available

SpitLight Standard

Model		SpitLight 400	SpitLight 600	SpitLight 1000.1
Laser Parameters	Repetition Rate	Product available from 1 to 100 Hz (Following specifications are for 10 Hz)		
	Pulse Energy @ 1064 nm	> 400 mJ	> 800 mJ	> 1000 mJ
	Pulse Energy @ 532 nm	> 240 mJ	> 480 mJ	> 600 mJ
	Pulse Energy @ 355 nm	> 120 mJ	> 240 mJ	> 320 mJ
	Pulse Energy @ 266 nm	> 50 mJ	> 90 mJ	> 100 mJ
	Pulse Energy @ 213 nm	> 9 mJ	> 16 mJ	> 18 mJ
	Energy Stability @ 1064 nm (RMS)	< 0.7%		
	Energy Stability @ 532 nm (RMS)	< 1.3%		
Energy	Energy Stability @ 355 nm (RMS)	< 2.0%		
	Pulse Width @ 1064 nm	6 - 10 ns		
	Divergence	< 0.5 mrad		
	Pointing Stability	< ± 50 µrad		
	Beam Diameter	6 mm	7 mm	
Beam Parameters	Temporal Jitter	< ± 1 ns		
	Warranted Lamp Lifetime	> 40,000,000 shots*		
	Electrical Supply	230 VAC ± 10% (single phase), 50/60 Hz, 2.5 kW	400 VAC ± 10% (3 phase), 50/60 Hz, 5.0 kW**	
	Cooling Water	8 l/min, 2-6 bar, < 20 °C		
	Operating Parameters	Laser Head	15 kg	
Power Supply		50 kg		
Weights	Laser Head (in infrared) (L x W x H)	665 x 147 x 125 mm		
	Power Supply (L x W x H)	560 x 400 x 425 mm		
Dimensions				

InnoLas follows a policy of continuous product improvement. All specifications are subject to change without notice. All specifications at 1064 nm unless otherwise noted.

InnoLas Laser GmbH is DIN EN ISO 9001 certified.

* min. 80% energy for > 40,000,000 shots or one year after installation – whichever comes first

** 230 VAC electrical supply can be used after alterations

