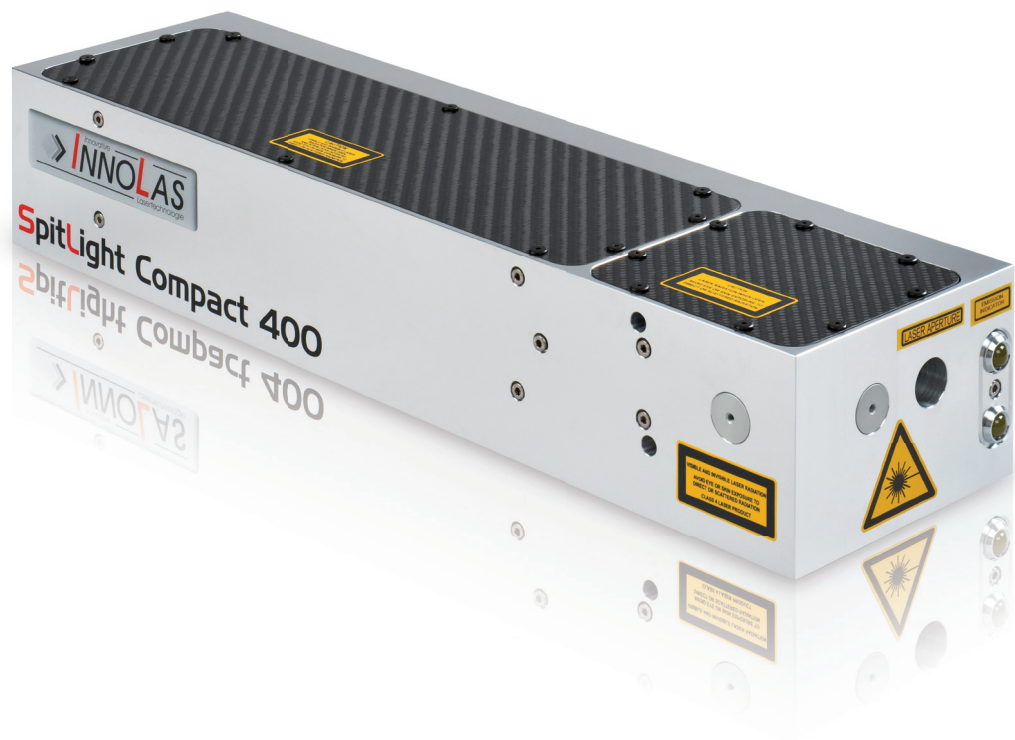


SpitLight Compact



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
- * Uniform super gaussian beam profile available

SpitLight Compact

Model		SpitLight Compact 100	SpitLight Compact 200	SpitLight Compact 400
Laser Parameters	Repetition Rate	Product available from 1 to 20 Hz (Following specifications are for 10 Hz)		
Energy	Pulse Energy @ 1064 nm	> 100 mJ	> 220 mJ	> 400 mJ
	Pulse Energy @ 532 nm	> 60 mJ	> 140 mJ	> 240 mJ
	Pulse Energy @ 355 nm	> 25 mJ	> 70 mJ	> 120 mJ
	Pulse Energy @ 266 nm	> 15 mJ	> 40 mJ	> 50 mJ
	Pulse Energy @ 213 nm	> 1 mJ	> 4 mJ	> 9 mJ
	Energy Stability @ 1064 nm (RMS)	< 0.7%		
	Energy Stability @ 532 nm (RMS)	< 1.3%		
	Energy Stability @ 355 nm (RMS)	< 2.0%		
Beam Parameters	Pulse Width @ 1064 nm	6-10 ns		
	Divergence	< 0.5 mrad		
	Pointing Stability	< ± 50 µrad		
	Beam Diameter	4 mm	5 mm	6 mm
	Temporal Jitter	< ± 1 ns		
Operating Parameters	Warranted Lamp Lifetime	> 40,000,000 shots*		
	Electrical Supply	230 VAC ± 10% (single phase), 50/60 Hz, 1.5 kW		
	Cooling Water	Water-to-Air 10 Hz (Water-to-Water for higher frequencies)		
Weights	Laser Head	10 kg		
	Power Supply	25 kg		
Dimensions	Laser Head (in infrared) (L x W x H)	390 x 135 x 91 mm		
	Power Supply (L x W x H)	480 x 220 x 480 mm		

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

