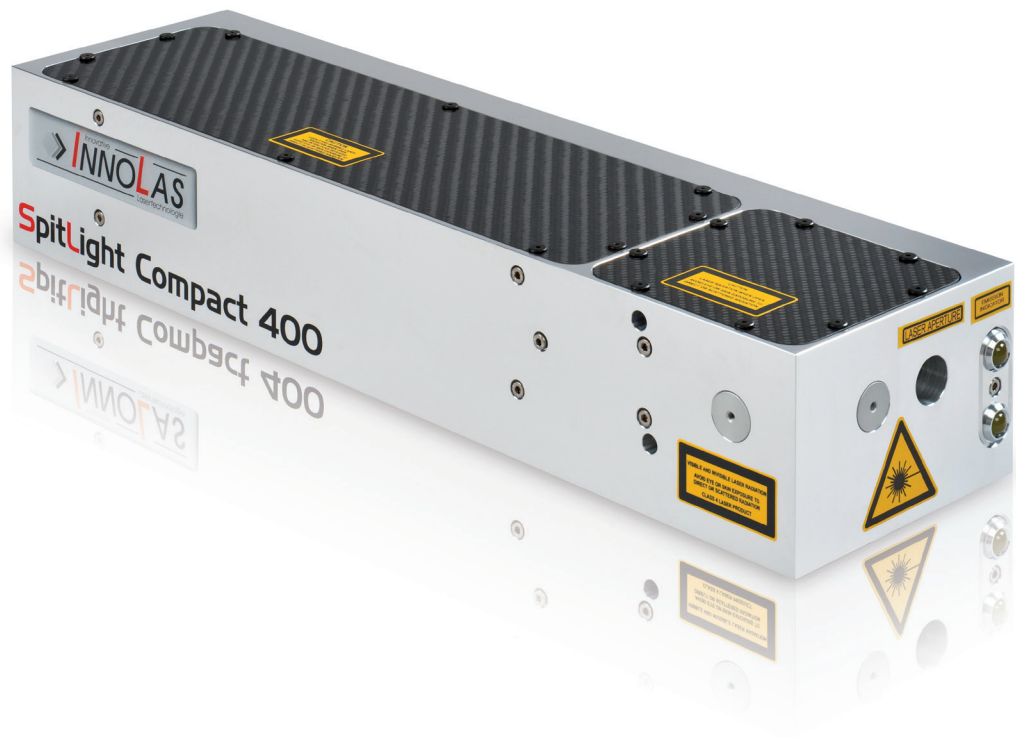


SpitLight Compact

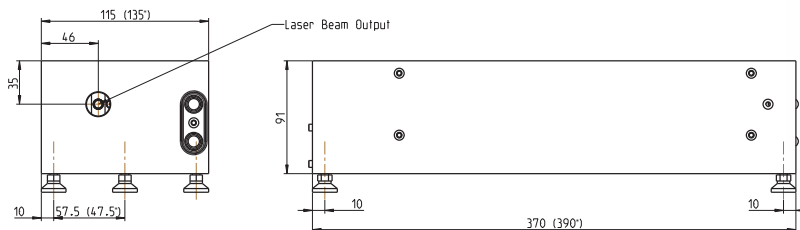


Features

- * 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

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 at 1,064 nm	> 100 mJ	> 220 mJ	> 400 mJ
	Pulse Energy at 532 nm	> 60 mJ	> 140 mJ	> 240 mJ
	Pulse Energy at 355 nm	> 25 mJ	> 70 mJ	> 120 mJ
	Pulse Energy at 266 nm	> 15 mJ	> 40 mJ	> 50 mJ
	Pulse Energy at 213 nm	> 1 mJ	> 4 mJ	> 9 mJ
	Energy Stability at 1,064 nm (RMS)	< 0.7%	< 0.7%	< 0.7%
	Energy Stability at 532 nm (RMS)	< 1.3%	< 1.3%	< 1.3%
	Energy Stability at 355 nm (RMS)	< 2.0%	< 2.0%	< 2.0%
Beam Parameters	Pulse Width at 1,064 nm	6-8 ns	5-7 ns	5-7 ns
	Divergence	< 0.5 mrad	< 0.5 mrad	< 0.5 mrad
	Pointing Stability	< ± 50 µrad	< ± 50 µrad	< ± 50 µrad
	Beam Diameter	4 mm	5 mm	6 mm
	Temporal Jitter	< ± 1 ns	< ± 1 ns	< ± 1 ns
Operating Parameters	Lamp Lifetime	> 20,000,000 shots	> 20,000,000 shots	> 20,000,000 shots
	Electrical Supply	208-240 VAC, 50/60 Hz, 1.5 kW	208-240 VAC, 50/60 Hz, 1.5 kW	208-240 VAC, 50/60 Hz, 1.5 kW
	Cooling Water	Water-to-Air 10 Hz (Water-to-Water for higher frequencies)		
Weights	Laser Head	10 kg	10 kg	10 kg
	Power Supply	25 kg	25 kg	25 kg
Dimensions	Laser Head (in infrared) (L x W x H)	370 x 115 x 91 mm	370 x 115 x 91 mm	390 x 135 x 91 mm
	Power Supply (L x W x H)	480 x 220 x 480 mm	480 x 220 x 480 mm	480 x 220 x 480 mm



* Dimensions of SpitLight Compact 400

InnoLas follows a policy of continuous product improvement. All specifications are subject to change without notice. All specifications at 1,064 nm unless otherwise noted.

InnoLas Laser GmbH is DIN EN ISO 9001 certified.



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