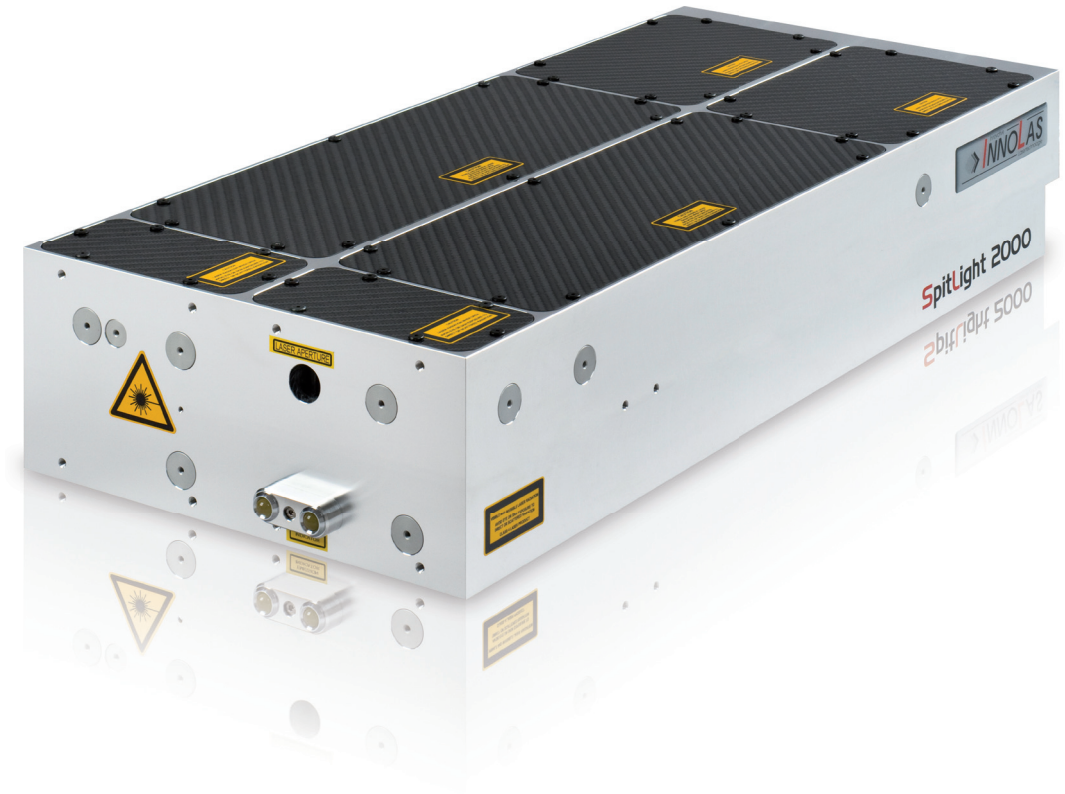
SpitLight
Scientific Lasers

SpitLight High Power



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)
- Top hat beam profile available

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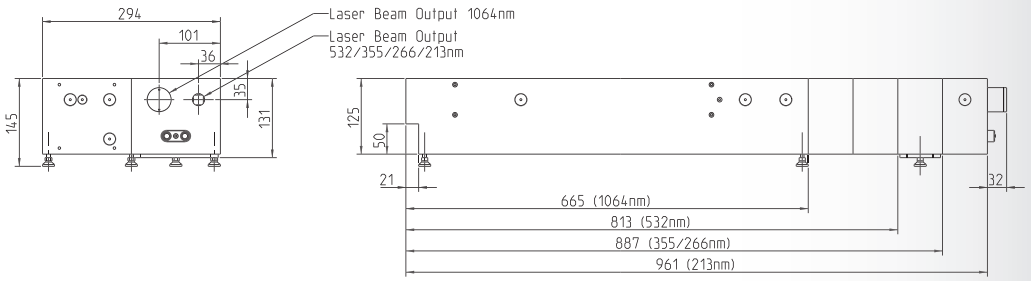
Model		SpitLight 1200	SpitLight 2000	SpitLight 2500
Laser Parameters	Repetition Rate	Product available from 1 to 50 Hz (Following specifications are for **10 Hz)**		
Energy	Pulse Energy @ 1064 nm	> 1250 mJ	> 2000 mJ	> 2500 mJ
	Pulse Energy @ 532 nm	> 750 mJ	> 1200 mJ	> 1400 mJ
	Pulse Energy @ 355 nm	> 330 mJ	> 600 mJ	> 700 mJ
	Pulse Energy @ 266 nm	> 100 mJ	> 130 mJ	> 200 mJ
	Pulse Energy @ 213 nm	> 18 mJ	> 40 mJ	> 60 mJ
	Energy Stability @ 1064 nm (RMS)	< 0.8 %	< 1.0 %	< 1.0 %
	Energy Stability @ 532 nm (RMS)	< 1.3 %	< 1.5 %	< 1.5 %
	Energy Stability @ 355 nm (RMS)	< 2.0 %	< 2.2 %	< 2.2 %
Beam Parameters	Pulse Width @ 1064 nm	6 - 10 ns		
	Divergence	< 0.5 mrad		
	Pointing Stability	< ± 50 µrad		
	Beam Diameter	9 mm	10 mm	12 mm
	Temporal Jitter	< ± 1 ns		
Operating Parameters	Warranted Lamp Lifetime	> 40,000,000 shots *		
	Electrical Supply	400 VAC ± 10 % (3 phase), 50/60 Hz, 5.0 kW		
	Cooling Water	8 l/min, 2 - 6 bar, < 20 °C		
Weights	Laser Head	30 kg		
	Power Supply	50 kg		
Dimensions	Laser Head (in infrared) (L x W x H)	665 x 294 x 125 mm		
	Power Supply (L x W x H)	560 x 400 x 425 mm		



Also available: SpitLight 1500, please contact us for further information.

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

CE

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