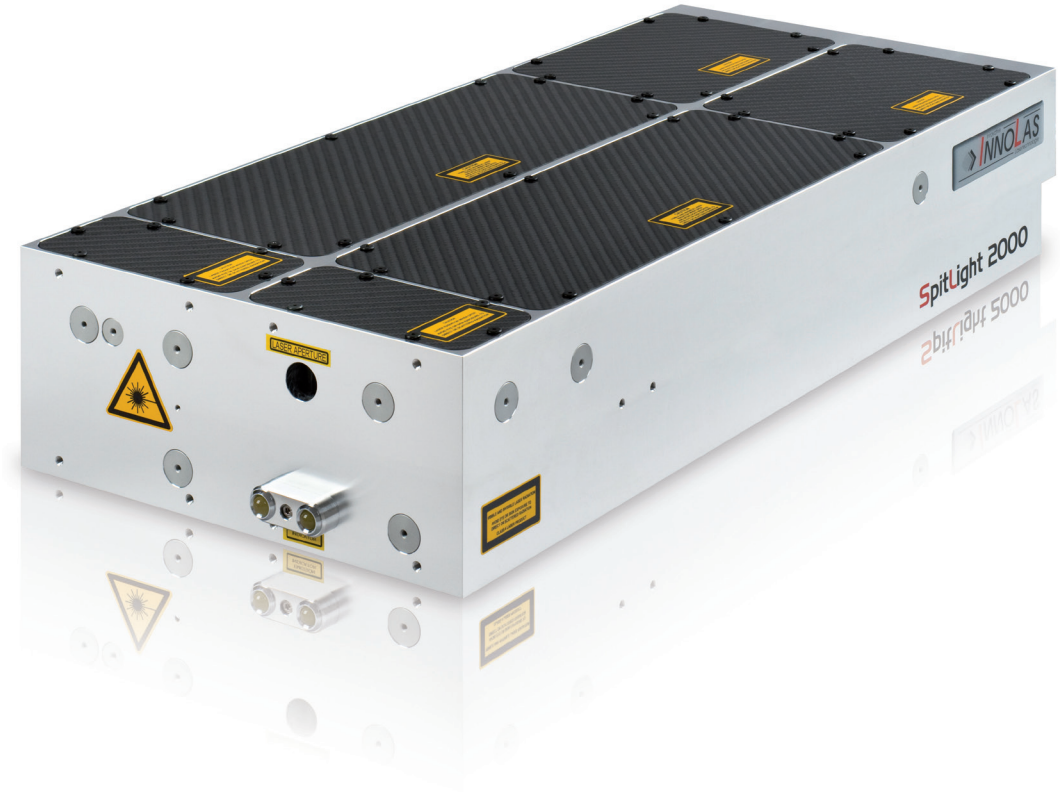
SpitLight
Scientific Lasers

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)

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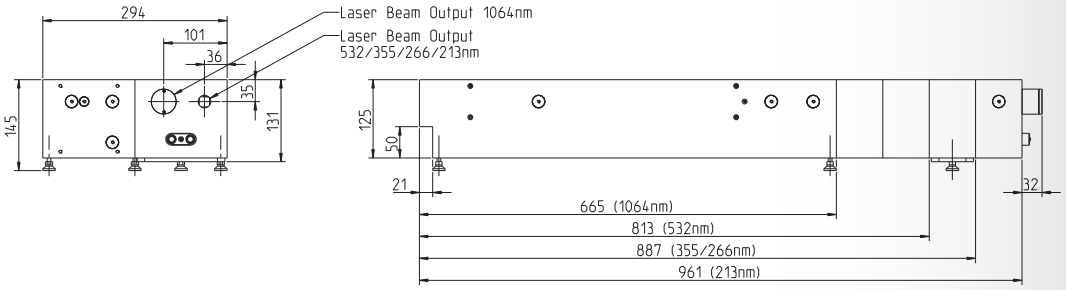
Model		SpitLight 1200	SpitLight 2000	SpitLight 2500
Laser Parameters	Repetition Rate	Product available from 1 to 100 Hz (Following specifications are for **10 Hz)**		
Energy	Pulse Energy @ 1064 nm	> 1250 mJ	> 2000 mJ	> 2500 mJ
	Pulse Energy @ 532 nm	> 750 mJ	> 1200 mJ	> 1400 mJ
	Pulse Energy @ 355 nm	> 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	6-7 ns	6-8 ns	6-8 ns
	Divergence	< 0.5 mrad	< 0.5 mrad	< 0.5 mrad
	Pointing Stability	< ± 50 µrad	< ± 50 µrad	< ± 50 µrad
	Beam Diameter	8 mm	10 mm	12 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	208/400 VAC (3 phase), 50/60 Hz, 5.0 kW	208/400 VAC (3 phase), 50/60 Hz, 5.0 kW	208/400 VAC (3 phase), 50/60 Hz, 5.0 kW
	Cooling Water	8 l/min, 2-6 bar, < 15 °C	8 l/min, 2-6 bar, < 15 °C	8 l/min, 2-6 bar, < 15 °C
Weights	Laser Head	30 kg	30 kg	30 kg
	Power Supply	50 kg	50 kg	50 kg
Dimensions	Laser Head (in infrared) (L x W x H)	665 x 294 x 125 mm	665 x 294 x 125 mm	665 x 294 x 125 mm
	Power Supply (L x W x H)	560 x 400 x 425 mm	560 x 400 x 425 mm	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.

CE

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