

SpitLight Standard

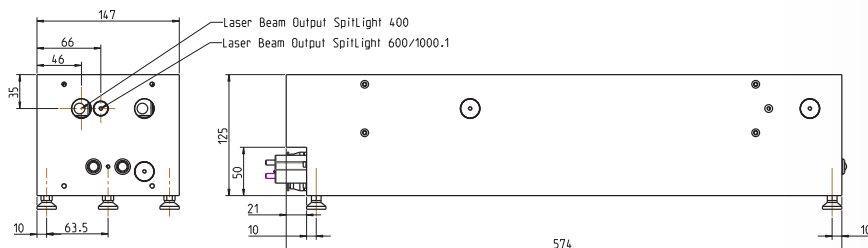


Features

- * 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)

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)		
Energy	Pulse Energy at 1,064 nm	> 400 mJ	> 800 mJ	> 1,000 mJ
	Pulse Energy at 532 nm	> 240 mJ	> 480 mJ	> 600 mJ
	Pulse Energy at 355 nm	> 120 mJ	> 240 mJ	> 320 mJ
	Pulse Energy at 266 nm	> 50 mJ	> 90 mJ	> 100 mJ
	Pulse Energy at 213 nm	> 9 mJ	> 16 mJ	> 18 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	6-7 ns	6-7 ns
	Divergence	< 0.5 mrad	< 0.5 mrad	< 0.5 mrad
	Pointing Stability	< ± 50 µrad	< ± 50 µrad	< ± 50 µrad
	Beam Diameter	6 mm	6 mm	7 mm
	Temporal Jitter	< ± 1 ns	< ± 1 ns	< ± 1 ns
Operating Parameters	Lamp Lifetime	> 20,000,000 shots	> 20,000,000 shots	> 30,000,000 shots
	Electrical Supply	208-240 VAC, 50/60 Hz, 2.5 kW	208-240 VAC, 50/60 Hz, 2.5 kW	208-240 VAC, 50/60 Hz, 2.5 kW
	Cooling Water	8 l/min, 2-6 bar, < 20 °C	8 l/min, 2-6 bar, < 20 °C	8 l/min, 2-6 bar, < 20 °C
Weights	Laser Head	15 kg	15 kg	15 kg
	Power Supply	50 kg	50 kg	50 kg
Dimensions	Laser Head (in infrared) (L x W x H)	574 x 147 x 125 mm	574 x 147 x 125 mm	574 x 147 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



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.



InnoLas Laser GmbH | Justus-von-Liebig-Ring 8 | 82152 Krailling | Germany
Phone: +49 (89) 899 360 - 1400 | Fax: +49 (89) 899 360 - 1499
E-mail: info@innolas-laser.com | Homepage: www.innolas-laser.com

