

SpitLight DPSS 250

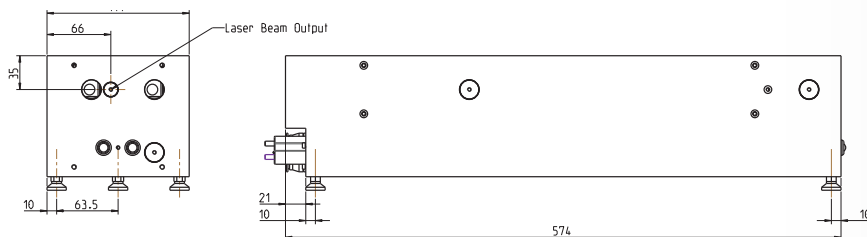


Features

- * Compact laser head and power supply with small footprint
- * Robust and stable resonator structure
- * Maintenance-free pumping chamber with ceramic reflector
- * Excellent beam quality and pointing stability
- * Long diode lifetime
- * Double pulse option available
- * System can be injection seeded (SLM-Option)

SpitLight DPSS 250

Model	DPSS 250	
Laser Parameters	Repetition Rate	Product available from 1 to 200 Hz (Following specifications are for 100 Hz)
Energy	Pulse Energy at 1,064 nm	> 250 mJ
	Pulse Energy at 532 nm	> 125 mJ
	Pulse Energy at 355 nm	> 70 mJ
	Pulse Energy at 266 nm	> 20 mJ
	Pulse Energy at 213 nm	> 4 mJ
	Energy Stability at 1,064 nm (RMS)	< 0.5 %
	Energy Stability at 532 nm (RMS)	< 1.0 %
	Energy Stability at 355 nm (RMS)	< 1.3 %
Beam Parameters	Pulse Width at 1,064 nm	8-10 ns
	Divergence	< 0.5 mrad
	Pointing Stability	< ± 50 µrad
	Beam Diameter	6.0 mm
	Temporal Jitter	< ± 1 ns
Operating Parameters	Diode Life Time	10 ⁹ shots
	Electrical Supply	230 VAC, 50 Hz, 2.5 Kw
	Cooling Water	8 l/min; 2-6 bar; < 15 °C
Weights	Laser Head	15 kg
	Power Supply	50 kg
Dimensions	Laser Head (in infrared) (L x W x H)	574 x 147 x 125 mm
	Power Supply (L x W x H)	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.



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