



EXCIMER LASER PSX-501



サンインストゥルメント

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EXCIMER LASER PSX-501

Specifications

- Laser Medium	ArF	KrF	Units
- Wavelength	193	248	nm
- Optimum Gap	2.5	2.5	
- Max. Pulse Energy ¹	5	6	mJ
- Variation of Pulse Energy	from ~30 to 100	from ~50 to 100	%
- Max. Average Power ²	1500	1800	mW
- Max. Repetition Rate	300		pps
- Pulse Duration (FWHM)	3...5		ns
- Pulse-to-Pulse Stability ³	±2	±2	%
- Timing Jitter	< 1		ns
- Beam Dimensions (V - H)	2.5 - 3	2.5 - 3	
- Beam Divergence (V - H)	2.4 - 3.4	2.4 - 3.4	mrad
- Gas Lifetime ⁴	2 million	2 million	pulses
- Gas Pressure	8		bar
- Laser Tube Volume	1.4		Liter
- Power Requirements	90...250 Vac, 50 - 60 Hz, Single Phase, active power up to 420 W		
- Cooling	Air		

LDI INNOVATION OÜ reserves the right to alter specifications without prior notice.

¹ Measured at 100pps

² Measured at 300pps

³ Based on 90% of all pulses

⁴ To 80% of initial pulse energy

Physical Dimensions

- Laser Dimensions (L - W - H)	38 - 42 - 18	%
- Weight	16	4*



Warranty Terms

PSX-501 excimer lasers are warranted free from defects in materials and workmanship for 1 year from the date of delivery.



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