

KPG LASER

266nm/193nm Laser Generator



It can provide 266nm and 193nm deep ultraviolet lasers. The ultra-high purity nonlinear optical crystals ensures high-quality frequency doubling. The laser beam has good quality and a small focus, which can achieve ultra-fine processing. It is also fast and efficient, which can greatly improve production efficiency.

Technical Parameters

Wavelength	266±1nm		193±1nm
Pulse duration	10 ns	CW	10 ns
Energy per pulse	2.5 ~ 50 μJ	CW	1.6 μJ
Output power	20mW ~ 1W		10 mW
Linewidth	< 0.005 pm		< 0.015pm
Power Stability	< +/-1 %/8 hrs		
Extinction Ratio	> 100:1		
Beam Quality	TEM ₀₀ , M ² < 1.2		TEM ₀₀ , M ² < 1.6
Polarization	Vertical, Linear		
Beam Diameter	3 mm ±0.3 mm		
Divergence (1/e ²)	< 0.2 mrad		< 0.4 mrad
Power Supply	AC 100-240V 50/60Hz		
Power Consumption	< 300 W		
Cooling	Air/Water		

KPG LASER PTE. LTD.

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KPG LASER

KPG is committed to the R&D, production and sales of deep UV lasers and industrial defect inspection equipment, providing excellent industrial solutions to customers around the world. Our products include laser generators, defect detection equipment, etc., which are widely used in optoelectronics, machinery, automobile manufacturing, new energy and other fields.

Product



266nm/193nm Laser

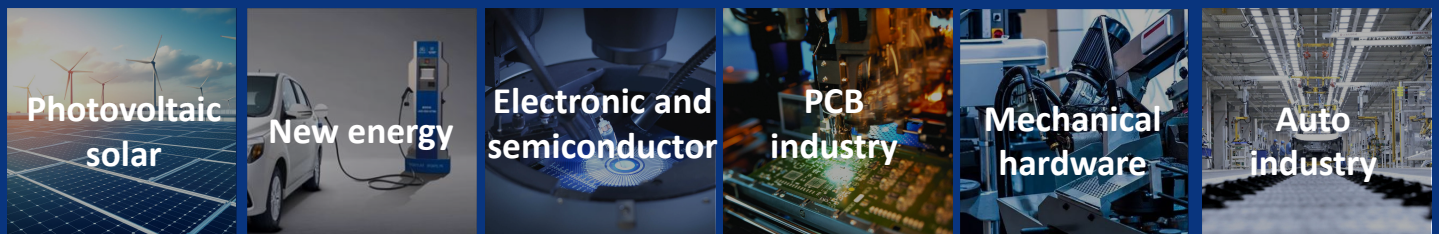
Applied in wafer, semiconductor, lidar, science, medical, microelectronics processing and other fields



Industrial Defect Detection

Applied to size inspection, appearance defect inspection, outer diameter inspection, etc.

Application



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