

SOL 1064/532nm 高功率 DPSS 调 Q 激光器

SOL 是功率从 4W 到 40W 范围内结构最紧凑的调 Q 二极管泵浦脉冲激光器，基于一一体化的设计，电源和激光器集成到一起，故而具有坚固耐用和重量轻的特点。同时具有高峰值功率和出色的光束质量，使其非常适合集成于打标和微加工等设备中。



产品特点

峰值功率高达 300kW

重复频率高到 200 kHz

单脉冲能量可调，可用于激光灰度图案打印（参看下页应用图例）

风冷，可选水冷

一体化设计，结构紧凑，坚固耐用，重量轻小于 4.5kg，易于集成到设备中

可替换二极管，便于维修

SOL 1064nm

Average Output Power	4W	6W	10W	20W	30W	40W
Wavelength	1064nm					
Rep.rate	up to 25 kHz	10 kHz to 100 kHz (option: Single Shot to 200 kHz)				
CW Operating Mode	no	yes				
Pulse width	60 to 90 ns	6 to 60 ns				

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Polarization	Linear 100:1(optional: circular polarization)				
Beam Diameter	< 8 mm (integrated beam expander)				
Beam Quality(M2)	1.5	<1.5	2	<2	<2.5
Cooling	Air cooled – integrated thermostatic fan (option: water cooling or contact cooling)				
Power Supply	24 V DC (6A to 20A according to the models)				
Footprint &Weight	23 x 10 x 9 cm – 4.5 kg				

SOL 532nm

Sol Models	3W-532	5W-532	10W-532
Average Output Power	3W	5W	10W
Wavelength	532nm		
Rep.rate	10 kHz to 100 kHz (option: Single Shot to 100 kHz)		
CW Operating Mode	no		
Pulse width	6 to 60 ns		
Polarization	Linear 100:1(optional: circular polarization)		
Beam Diameter	< 8 mm (integrated beam expander)		
Beam Quality(M2)	<1.3	1.5	<2
Cooling	Air cooled – integrated thermostatic fan (option: water cooling or contact cooling)		
Power Supply	24 V DC (6A to 14A according to the models)		
Footprint &Weight	23 x 10 x 9 cm – 4.5 kg		

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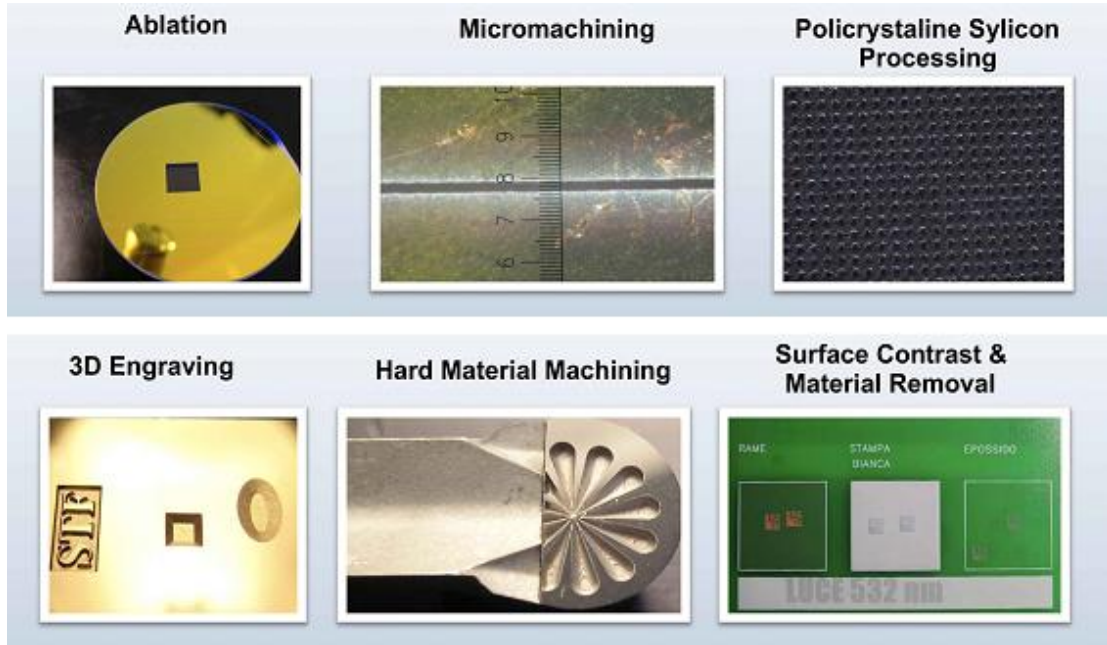
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应用领域

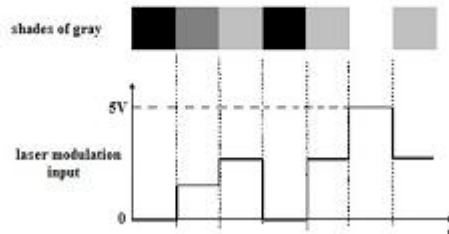
材料加工 打标 划线 薄膜去除 微加工非线性光学



激光灰度图案打印



Grey Scale Images obtained using Pulse Energy Modulation



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