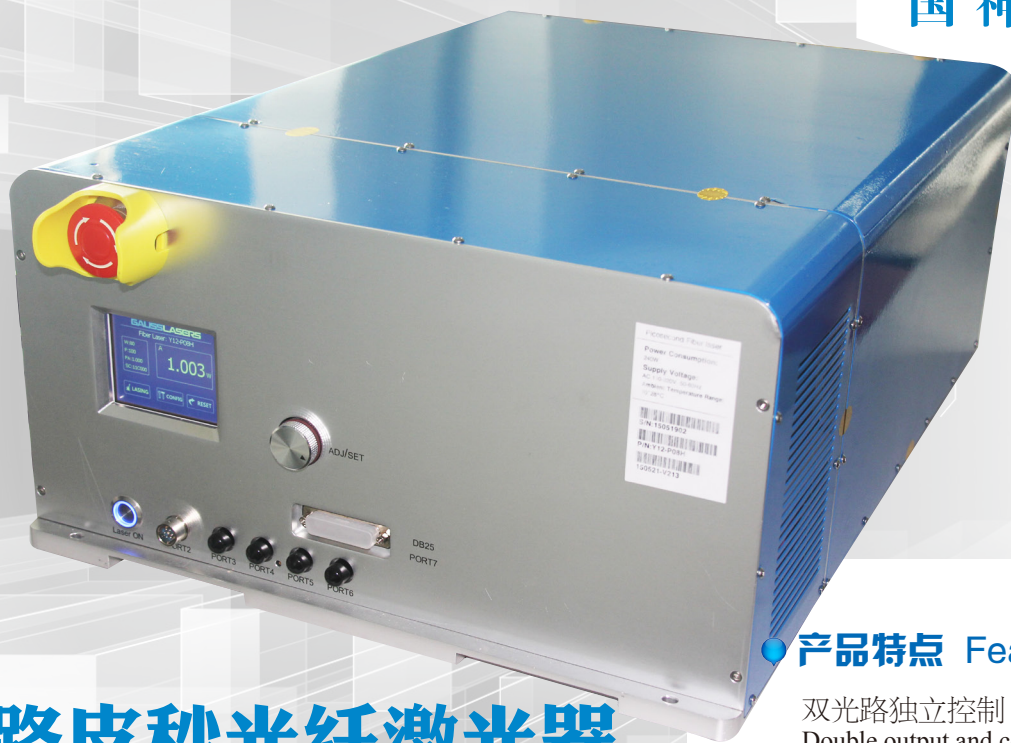




双光路皮秒光纤激光器 Picosecond Fiber Laser -P08

P08 双光点激光器为高功率皮秒脉冲激光器，主要其优势是可以通过双光路的结构达到两路同时输出以及每路单独控制，能够在精密微加工领域达到更高的效率以及更佳的效果。

P08 two-output fiber laser is a high power picosecond pulsed laser, the main advantage is that the structure can output two laser beam simultaneously. Each beam can be controlled independently. The two-output structure design can achieve higher efficiency and better effect in precision micro machining field.

产品特点 Features

- 双光路独立控制
Double output and control independently
- 优良的光束质量
Excellent beam quality
- 线偏振
Linear Polarization
- 脉冲时间抖动小
Low Timing Jitter
- 功率稳定性高
High stability power
- 高抗反射能力
High Anti-reflection

产品应用 Applications

- 太阳能电池单元划割
solar cell cutting
- CARS 显微镜
CARS microscope
- MEMS 加工
MEMS processing
- 硅晶片加工
silicon wafer processing
- 蓝宝石加工
power sapphire processing
- 精密刻蚀
Precision etching



● 技术参数 Specifications

参数 Parameters	单位 Unit	Y12-P08H
工作模式 (Working Mode)		脉冲 (Pulse)
中心波长 (Center Wavelength)	nm	1040 ± 10
输出光束个数 (Output Beam Number)		A/B 两路 (Two Beam)
最大平均光功率 (Max Optical Average Power)	W	10
典型的输出功率 (Typical Output Power)	W	1.5w@100KHz
脉冲宽度 (Pulse Width)	ps	< 20
输出脉冲数 (Output Pluse Number)		6-13 可调
重复频率 (Pulse Repetition Rate)	KHz	50-1000
偏振 (Polarization)		线偏 (liner)
消光比 (Extinction Ratio)	dB	> 20
脉冲能量 (Max Pulse Energy)	uJ	15
光束质量 M2(Beam Quality M2)		≤ 1.2
输出光斑直径 (Collimated Beam Diameter)	mm	5.5-5.9
输出光功率可调范围 (Output Power Tunability)	%	0 - 100
功率稳定度 (Power Stability)	%	< 2
传递光纤长度 (Delivering Fiber Length)	m	1.2
工作环境 Working Conditions		
功率消耗 (Power Consumption)	W	<130
工作电压 (Electrical Supply Voltage)	VDC	24
工作温度 (Operating Temperature)	° C	20 to 30
存储温度 (Storage Temperature)	° C	0 to 50
体积 (Dimensions) (L x W x H)	mm	612 x 430 x 223
重量 (Weight)	kg	45

★ 本产品可以根据客户要求定制
Above specifications can be customized for your specific application.

● 机械结构 Mechanical Dimensions



● 订购信息 Ordering Information

请联系我们的销售人员
Please contact with our sale staff.

www.gslasers.com