

长脉冲 固体激光器

Long pulse solid-state laser



特点 Characteristic

采用分体式谐振腔设计，在保证结构、性能稳定的前提下方便更换氙灯，光纤采用一体式插拔设计，不会出现插错及错位等情况，而导致光纤损坏

Adopting a split resonant cavity design, it is convenient to replace xenon lamps while ensuring stable structure and performance. The optical fiber adopts an integrated plug and pull design, which will not cause incorrect insertion or misalignment, resulting in fiber damage



优势 Superiority

- 特殊腔型设计，输出能量稳定，且光斑均匀
- 不同能量下光斑发散角一致，光纤不会因为焦点位置改变而造成损坏
- 能量高，治疗效果好、用户体验好
- 可提供电源、手柄、光纤、整机技术支持和解决方案

Special cavity design, stable output energy, and uniform light spot. The divergence angle of the light spot is consistent under different energies, and the fiber will not be damaged due to changes in the focus position

High energy, good therapeutic effect, and good user experience

Can provide technical support and solutions for power supply, handle, optical fiber, and the entire machine

参数 Data sheet

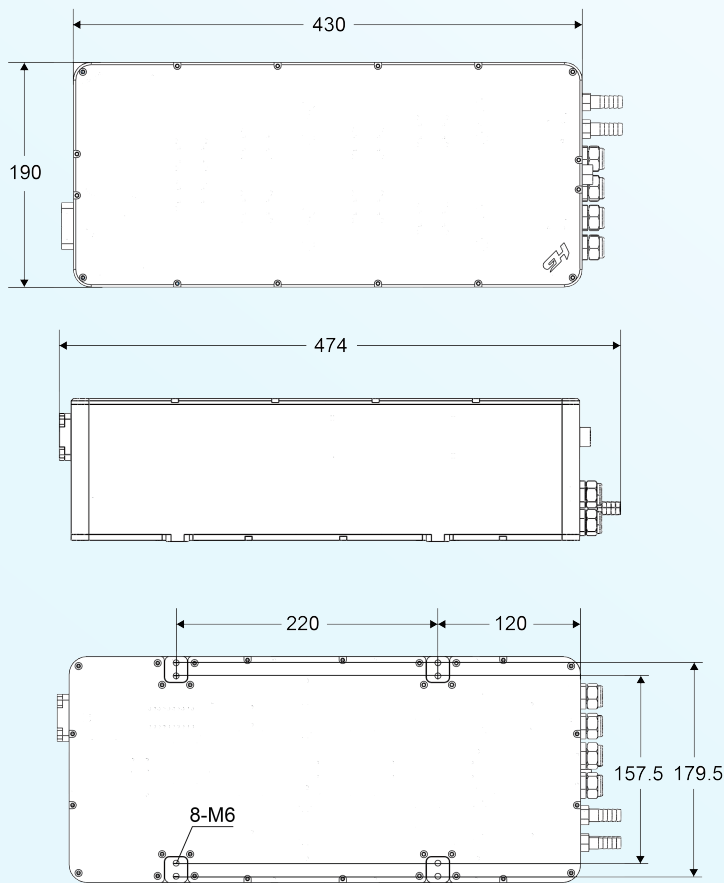
技术指标 Technical Indicators	1064nm	755nm	1064&755nm
波长/wavelength (nm)	1064	755	1064&755
单脉冲能量/Single pulse energy (J)	≥80	≥50	≥80J@1064 ≥50J@755
脉冲宽度/Pulse width (ms)		0.3-100	
重复频率/Repetition frequency (Hz)		0.3-10	
能量稳定性/Energy stability RMS (%)		≤3%@1064nm/≤5%@755nm	
输入功率/Input power (W)		≤3000	
制冷量/Refrigeration capacity (W)		≥600	
工作环境温度/Working environment temperature (°C)		10-35 °C	
工作环境湿度/Working environment humidity (%)		<60%	
光纤接口/Optical interface		D80	
光纤芯径/Fiber core diameter		1.5mm	

测试 Test



相纸测试光斑呈圆形/The photo paper test light spot is circular

尺寸 Size



Unit: mm

