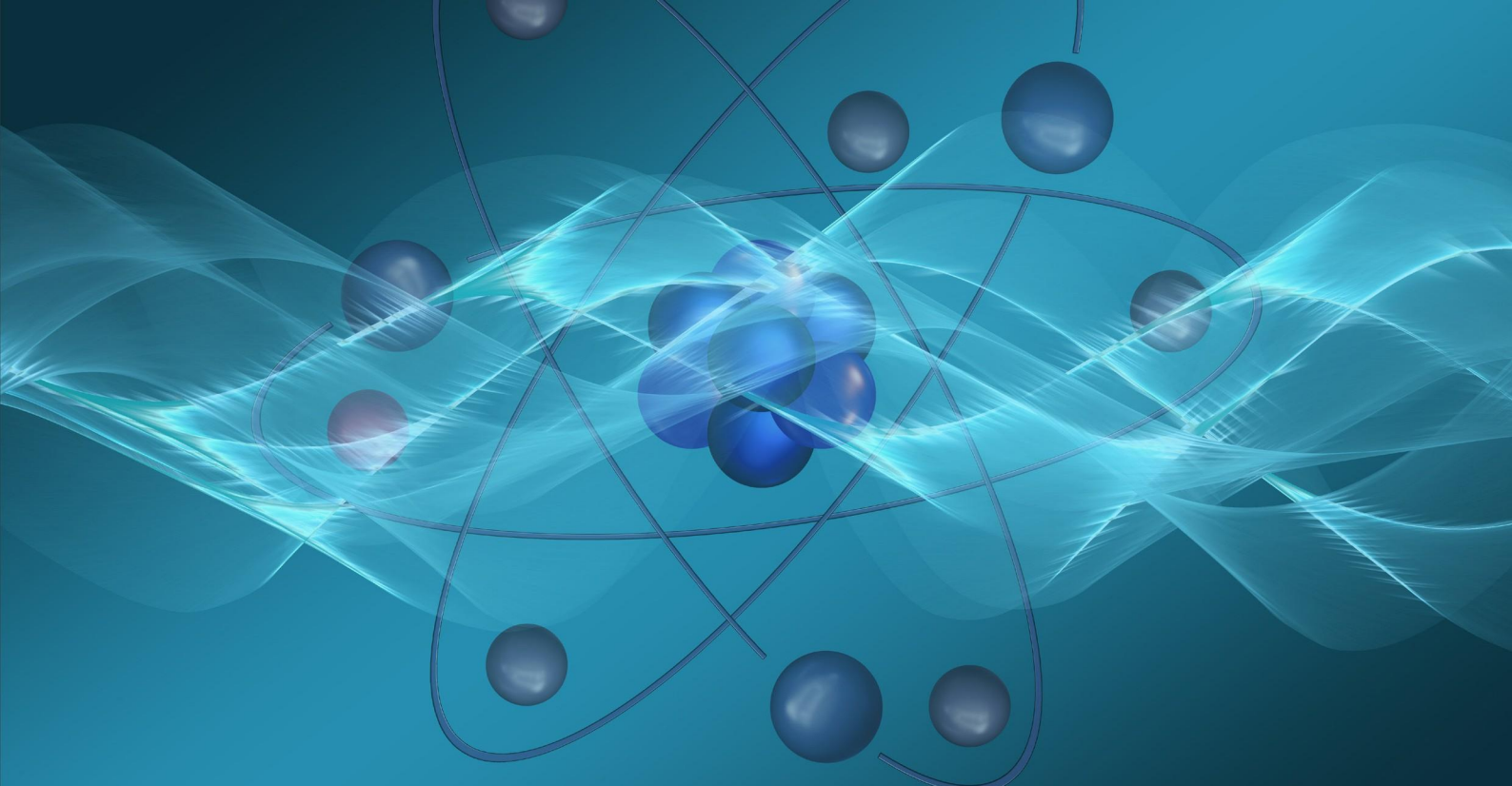




266nm Narrow Linewidth Tunable Laser

Based on Ytterbium-doped fiber DFB seed laser and Ytterbium-doped fiber amplifier, Precilasers can provide high performance 266nm laser output.

Features

- Long Life
- Narrow Linewidth
- Excellent Beam Quality
- Never Mode-hop

Applications

- Precision Measurement
- Interference Exposure

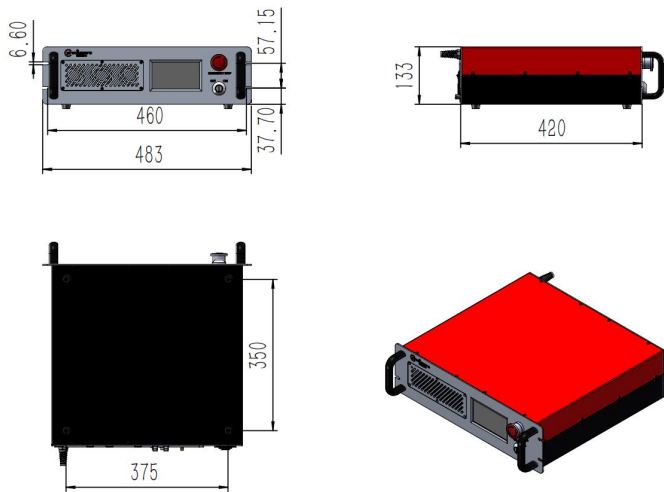


Specification				
Partnumber	FL-SF-X-Y-CW ⁽¹⁾			
Wavelength Range	254-270nm			
Center Wavelength	266nm			
Linewidth ⁽²⁾ (100 us integration)	<40kHz			
Operation Mode	Continuous			
Output Power	>30mW	>100mW	>500mW	> 1W
Output Mode	Collimated output			
PZT Tuning Bandwidth	>5kHz			
PZT Tuning Range	>3GHz			
AOM Fast Tuning Bandwidth (option)	>500kHz			
AOM Fast Tuning Range (option)	>±5MHz			
Beam Waist Diameter	0.8±0.2 mm			
Beam Quality	TEM ₀₀ , M²<1.2			
Polarization	Linear, Vertical,>20dB			
Power Stability	<0.75% @3hours, RMS			
Cooling	Air Cooling/Water cooling			
Cable Length between Controller and Head	>1.5m			
Operating Environment & Power Supply				
Temperature	15-30 °C		15-35 °C	
Power Supply	100V-240V, AC, 50/60Hz			
Power Consumption	RS422			

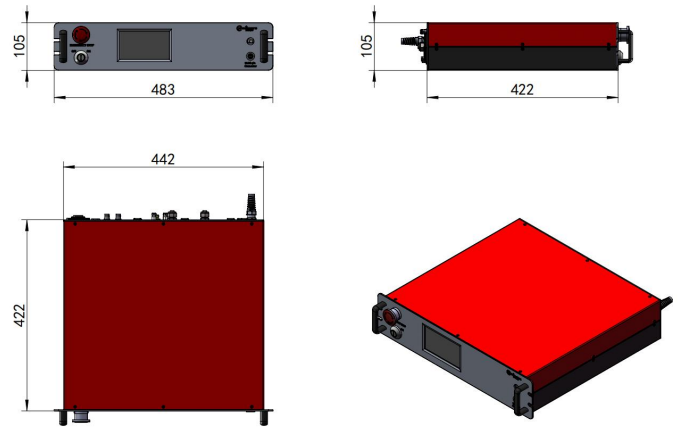
(1) X: laser power, in unit of W, for example, output power 1W: FL-SF-266-1-CW

Water Cooling Version Dimensions

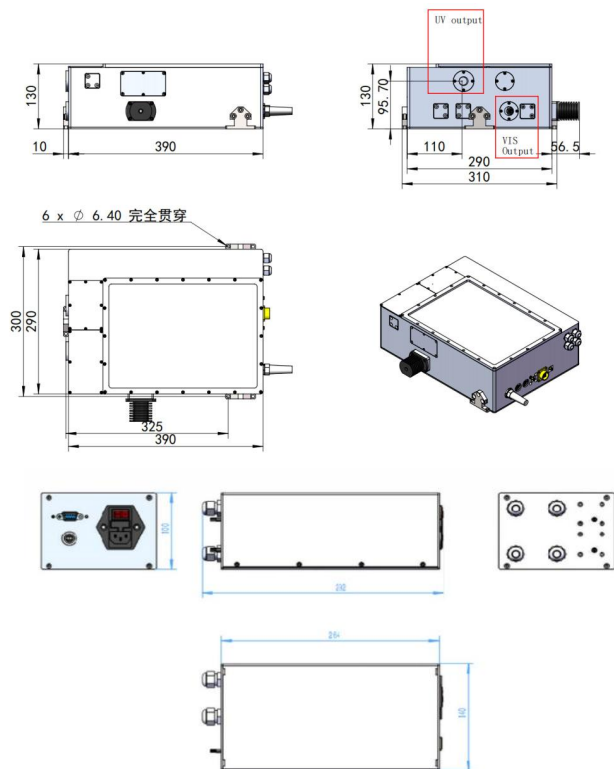
Laser Controller



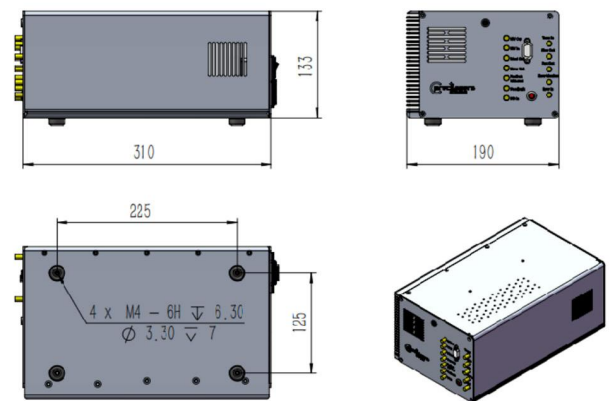
Laser Kontrolle



Laser head and other components dimensions



Air Pump Dimensions



Frequency Lock Module Dimensions



Shanghai Precilasers Technology Co., Ltd.

📍 Floor 2, Building 2, No. 1918, Xupan Road, Jiading District, Shanghai

 021-59160265



Laser Hazard

Visible or invisible laser radiation, avoid eye or skin exposure to direct, reflected or filtered radiation.

CLASS 4 Laser Products

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