

MIL-PS-2910-4235/1-2000mW

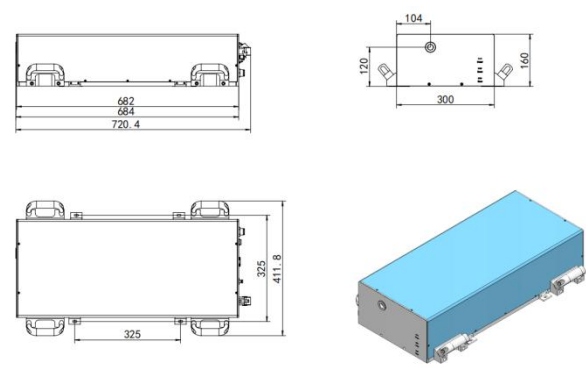
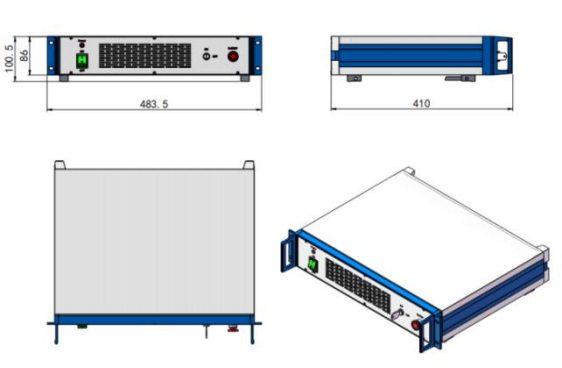
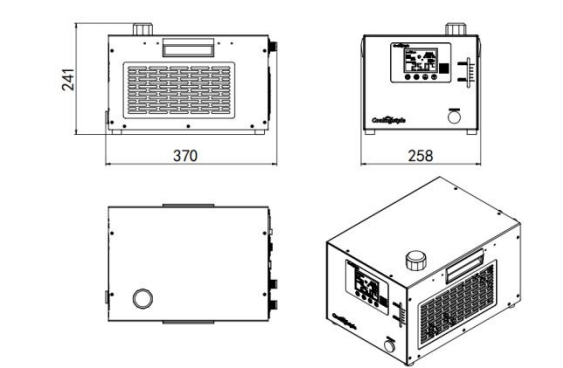
LD PUMPED ALL-SOLID-STATE MID-IR LASER AT 2910-4235nm

The series of MIL-PS laser provide a sub-nanosecond pulsewidth and an output power of about max 2000mW, which has high peak power and high repetition rate. The customer can order any wavelength range in the list. It is widely used in spectroscopy, remote sensing, medical, etc.



SPECIFICATIONS

Wavelength (nm)	2910±10	3205±10	3440±10	3640±10	3810±10	3967±10	4000±10	4235±10
Operating mode	Pulsed							
Output power (mW) ¹	1-2000		1-1000		1-600			1-60
Ave power stability (rms, 4 hours±3℃)	<3%, <2%, <1%							
Pulse duration (ps)	<700@15MHz							
Rep.rate ²	15MHz							
Beam divergence, full angle (mrad)	<3				<3			
Beam diameter at the aperture (1/e ² ,mm)	<10				<8			
Warm-up time (minutes)	<10							
Beam height from base plate (mm)	120							
Cooled method	Waterr cooled							
Operating temperature (℃)	15-30							
Power supply (100-240VAC)	RAD1PS							
Expected lifetime (hours)	>10000							

LASER HEAD (DRIVER Integrated)	POWER SUPPLY	WATER CHILLER
 720 (L)×300 (W) ×160(H) mm³,85kg	 410 (L) ×483.5 (W) ×110.5 (H) mm³,4.5 kg	 370 (L) ×258 (W) ×241 (H) mm³,12kg

1 Any power level can be selected in this range.

2 Other rep.rate range available on request.