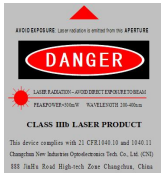
- -xxx- ser es

LD PUMPED ALL-SOLID-STATE LOW NOISE LASER

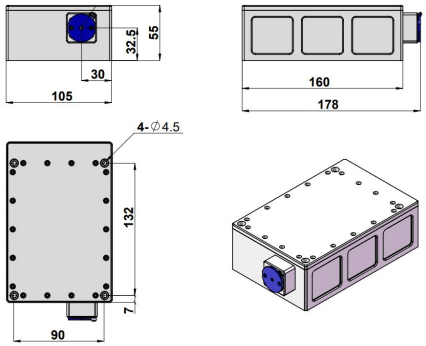
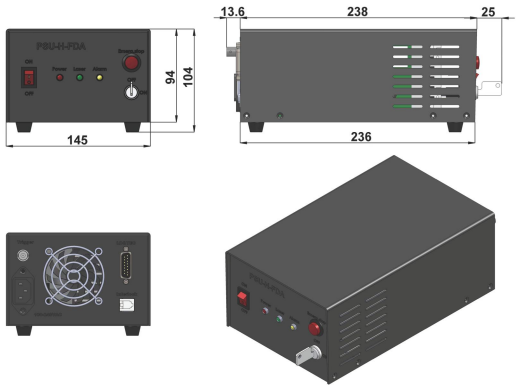
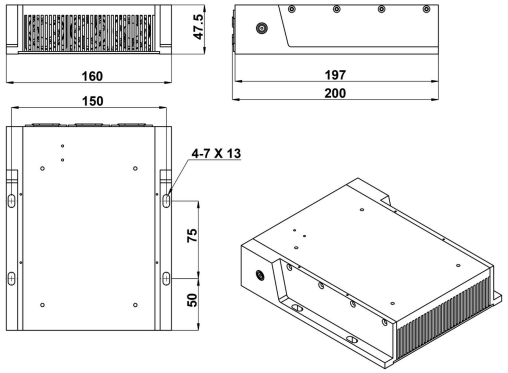




Low noise all solid state laser is made features of high output power stability, good beam profile, ultra compact, long lifetime, and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.

SPECIFICATIONS

Wavelength (nm)	363.8±4
Operating mode	CW
Output power (mW)[1]	1-90
Power stability (rms, 4 hours±3°C)	<1%
Transverse mode	TEM_{00}
Noise of amplitude (rms, 20Hz-20MHz)	0.75%
M^2	<1.2
Beam diameter at the aperture ($1/e^2$, mm)	1.2
Beam divergence, full angle (mrad)	0.5mrad
Polarization ratio	>100:1, Vertical (Horizontal optional)
Warm-up time (minutes)	<10
Pointing Stability(μrad) (over 2 hours after warm-up and ±3°C)	<50
Pointing Stability Over Temperature(μrad/°C)	<8
Beam height from base plate (mm)	30
Cooled method	Air Cooled/ Water Cooled
Operating Temperature (°C)	10-35
Power supply (100-240VAC)	PSU-H-FDA
Expected lifetime (hours)	>10000

LASER HEAD[2]	POWER SUPPLY[3]	HEATSINK (TC-02-FS-L) optional
		
178(L)×105(W)×55(H) mm³, 2.5kg	**276.6(L) ×145(W) ×103.6(H) mm³, 2.3 kg**	**200(L)×160(W)×47.5(H) mm³, 2.0 kg**

1 Any power level can be selected in this range.

2 The laser head needs to be used on a heat sink with good heat dissipation.

3 Fixed output power.