

MLL-III-375L/1~50mW

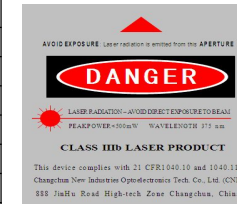
### LOW NOISE UV LASER AT 375 nm

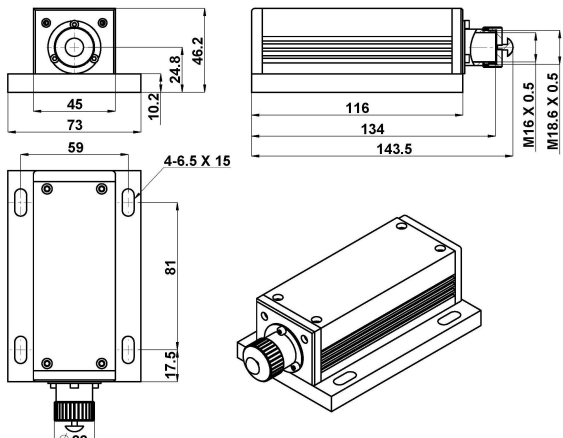
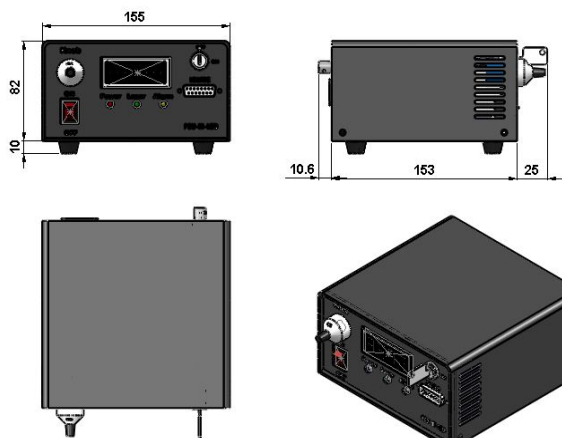
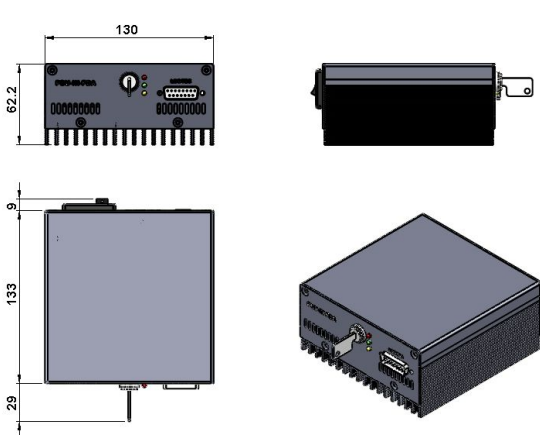
Low noise UV laser module at 375 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in medical imaging, flow cytometry, DNA sequencing, etc.



#### SPECIFICATIONS

Wavelength (nm)	375±5	
Operating mode	CW	
Output power (mW)	>1, 10, 20, ..., 50	
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10%	
Transverse mode	Near TEM <sub>00</sub>	
M <sup>2</sup> factor	<1.3	
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~3.0	
Beam divergence, full angle (mrad)	<0.5	
Polarization ratio	>50:1 (>100:1 optional)	
Noise of amplitude(rms,20Hz~20MHz)	<1%	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	24.8	
Pointing stability after warm-up (μrad/°C)	<6	
Operating temperature (°C)	10~35	
Power supply (85-264VAC)	PSU-III-LED	PSU-III-FDA
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MxL-III-375L	PSU-III-LED	PSU-III-FDA
 <p>143.5(L)×73(W)×46.2(H) mm<sup>3</sup>, 0.7kg</p>	 <p>188 (L) ×155(W) ×92 (H) mm<sup>3</sup>, 1.5kg</p>	 <p>171(L) ×130(W) ×62.2 (H) mm<sup>3</sup>, 1.2kg</p>