



Your source for high quality, affordable lasers

DATA SHEET

LD PUMPED ALL-SOLID-STATE UV LASER AT 360nm


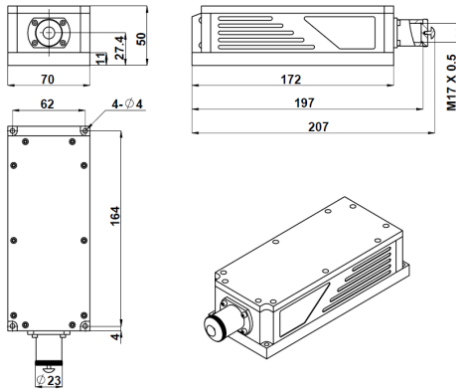
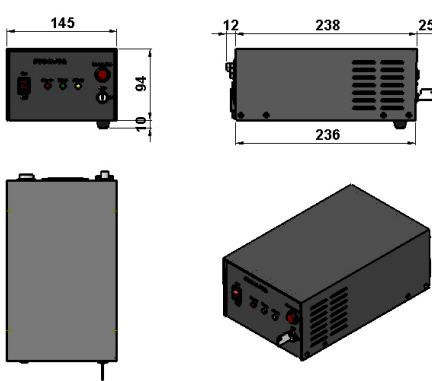

All solid state 360nm UV laser is made features of ultra-compact, long lifetime, cost -effectiveness and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, measurement, physics experiment, laser rapid modeling, Raman spectroscopy and fluorescence analysis etc.



Model: UV-FN-360/1~100mW

Wavelength (nm)	360 ± 1nm	
Output power (mW)	>10, 20, ..., 100	
Transverse mode	TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10%	
Warm-up time (minutes)	<10	
M ² factor	<1.2	
Beam divergence, full angle (mrad)	<1.0	
Beam diameter at the aperture (1/e ² , mm)	~1.2	
Beam height from base plate (mm)	27.4	
Polarization ratio	>50:1 Horizontal ± 5 degree (Vertical Optional)	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-FDA	PSU-H-LED
Expected lifetime (hours)	5,000	
Warranty period	1 year	

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

UV-FN-360	Dimensions	PSU-H-FDA	PSU-H-LED
	 <p>197(L) × 70(W) × 50(H) mm³, 2.0kg</p>	 <p>236(L) × 145(W) × 104(H) mm³, 2.3kg</p>	 <p>277(L) × 145(W) × 106(H) mm³, 2.6kg</p>