

360nm LD Pumped All-Solid-State UV Laser UV-FN-360-SM

Model#: UV-FN-360-SM


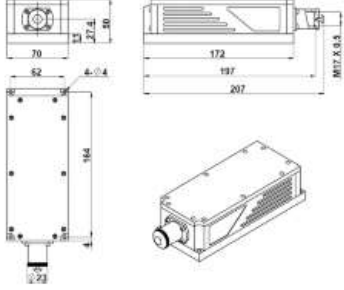
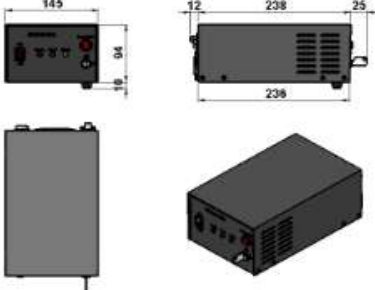
Description: Diode pumped all-solid-state UV laser at 360 nm UV-FN-360-SM features ultra-compact, long lifetime, cost-effective and easy operation.

Application: DNA sequencing, flow cytometry, cell sorting, test and measurement, scientific experiments, laser rapid modeling, optical instrument, Raman spectroscopy and fluorescence analysis, etc.

Specifications

Wavelength (nm)	360 ± 1
Output Power (mW)	6 ~ 10
Transverse Mode	Near TEM ₀₀
Operating Mode	CW
Power Stability (rms, over 4 hours)	<3%
M ² Factor	<2.0 before the SM fiber
Warm-up Time (minutes)	<10
Output Type	Single mode fiber cable with collimator at the fiber end
Beam Divergence, Full Angle (mrad)	<5.0
Beam Diameter at Aperture (1/e ² , mm)	3 ~ 4
Output Power Density at Aperture (mW/cm ²)	>20
Beam Height from Base Plate (mm)	27.4 before the fiber
Beam Operating Temperature (C°)	10~ 35
Power Supply (90-264VAC or 5 VDC)	PSU-H-FDA
Expected Lifetime (hours)	5000
Warranty Period	1 year

Note: the laser needs to be placed on a heat sink with good heat dissipation

<p style="text-align: center;">UV-FN-360-SM</p> 	<p style="text-align: center;">UV-FN-360-SM</p>  <p style="text-align: center;">197(L)×70(W)×50(H) mm³, 2.0 kg</p>
<p style="text-align: center;">PSU-H-FDA</p>  <p style="text-align: center;">236(L)×145(W)×104(H) mm³, 2.3 kg</p>	