

360 nm LD Pumped All-Solid-State UV Laser UV-F-360

Model #: UV-F-360 (with fan on laser head)

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


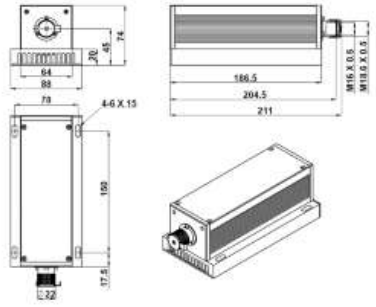

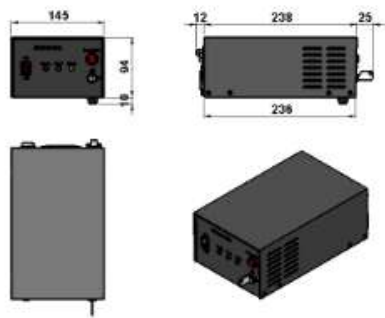
Application: DNA sequencing, flow cytometry, cell **sorting**, test and measurement, scientific experiments, laser rapid modeling, optical instrument, Raman spectroscopy and fluorescence analysis, etc.

Specifications

Wavelength (nm)	360 ± 1
Output Power (mW)	>1, 10, 20,....., 100
Power Stability (rms, over 4 hours)	<1%, 2%, 3%, 5%
Transverse Mode	Near TEM00
Operating Mode	CW
M ² Factor	<1.5
Warm-up Time (minutes)	<10
Beam Divergence, Full Angle (mrad)	<1.0
Beam Diameter at aperture (1/e ² , mm)	~1.5
Beam Height from Base Plate (mm)	45
Polarization Extinction Ratio	>50:1 horizontal ± 5° (vertical optional)
Beam Operating Temperature (C°)	10 ~ 35
Power Supply (90-264VAC or 5V DC)	PSU-H-FDA or PSU-H-LED
Expected Lifetime (hours)	5000
Warranty Period	1 year

Ordering Information: UV-F-360-AA-B-C

AA: maximum output power	B: power stability	C: power driver
10 - 10 mW	1 - 1%	1 - PSU-H-FDA
20 - 20 mW	2 - 2%	2 - PSU-H-LED
100 - 100 mW	3 - 3%	
	5 - 5%	
X - other		

<p style="text-align: center;">UV-F-360</p> 	<p style="text-align: center;">UV-F-360</p>  <p style="text-align: center;">211 (L) × 88(W) × 74(H) mm³, 1.6 kg</p>
 <p style="text-align: center;">277 (L) × 145(W) × 106 (H) mm³, 2.6 kg</p> <p style="text-align: center;">PSU-H-LED</p>	 <p style="text-align: center;">236(L) × 145(W) × 104(H) mm³, 2.3 kg</p> <p style="text-align: center;">PSU-H-FDA</p>

