



MGL-FN-xxx-A series

LD PUMPED ALL-SOLID-STATE LASER

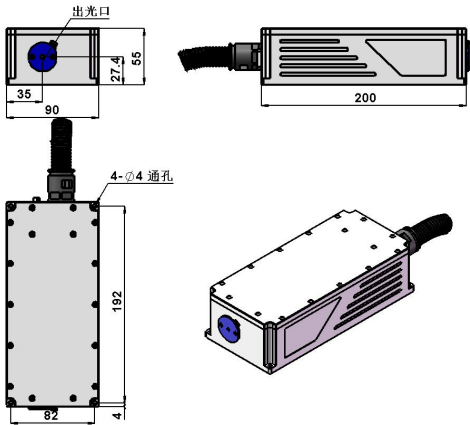
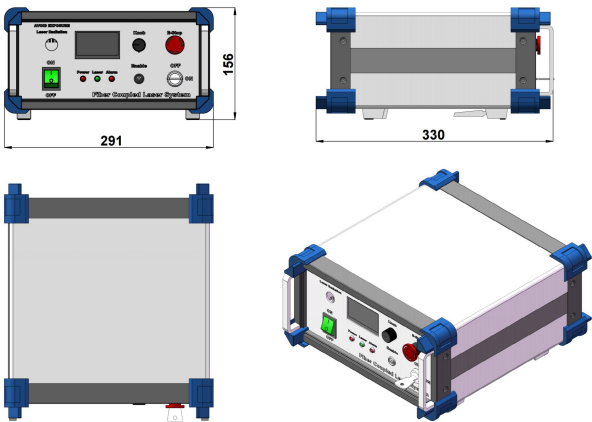
The all-solid-state CW laser features an ultra-compact design, ease of operation, high power, and high stability. It is perfect for applications such as flow cytometry, spectroscopy, microscopy, semiconductor inspection, cell sorting, optical instrumentation, and physics experiments.



SPECIFICATIONS

Wavelength (nm)	577±1
Operating mode	CW
Output power (W) ¹	1.2-4
Power stability (rms, 4 hours ±3°C)	<5%, <3%
Transverse mode	TEM ₀₁
M ²	<1.5
Beam diameter at the aperture (1/e ² , mm)	<1.4
Beam divergence (mrad)	<10
Polarization ratio	>100:1, Horizontal (Vertical optional)
Beam height from base plate (mm)	27.4
Operating temperature (°C)	10-35
Operating voltage (VDC)	100-240V
Expected lifetime (hours)	>10000



LASER HEAD	DIMENSION
 200(L)×90(W)×55(H) mm³	 330(L) × 291(W) × 156(H) mm³

1 Any power level can be selected in this range.