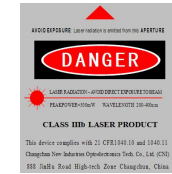




UV-A-xxx series

LD PUMPED ALL-SOLID-STATE LASER

All solid-state CW mode UV laser is made features of ultra compact, easy operating, high power and stability, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, , physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	355±1	
Operating mode	CW	
Output power (mW)	30-300	300-450 can be customized, please consult.
Power stability (rms, over 4 hours)	<3%, <2%	
Transverse mode	Near TEM ₀₀	
Beam diameter at the aperture (1/e ² , mm)	<3.0	
Beam divergence, full angle (mrad)	<6.0	
Polarization Ratio	>50:1 Horizontal (Vertical Optional)	
Spectral purity	>99%	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Cooled method (Water cooled)	WCH-580	
Beam height from base plate (mm)	52.4	
Operating Temperature (°C)	10-35	
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz; and Analog modulation optional	
Power supply (90-264VAC)	PSU-W-FDA	
Warranty	1 year	

LASER HEAD	POWER SUPPLY (PSU-W-FDA)	Water Chiller (WCH-580)
<p>363(L)×215(W)×100(H) mm³, 8.0 kg</p>	<p>323(L)×168(W)×123(H) mm³, 4.1 kg</p>	<p>253.2(L)×363.8(W)×240.6(H) mm³, 11.0 kg</p>