

CW UV LASER

UV /MDL/MLL series 355/360/375/395nm



Description

The output power of 355/360/375/395nm UV laser systems ranges from 1mW up to 150mW. Laser system is TEC cooled and designed to be operated and maintained easily. Different power stabilities are available.

Feature

Wavelength: 355/360/375/395nm
Operating longitudinal mode Several
Expected lifetime 10000 hours
Warranty period 1 year

Application

Scientific experiment
DNA sequencing
Flow cytometry
Spectrum analysis

Specification

Model number	UV series		MDL/MLL series	
Wavelengths (nm)	355	360	375	395
MLL series version max. power (mW)	/	/	150	100
MDL series Basic version max. power (mW)	/	/	150	100
UV series version max. power(mW)	20	50	/	/
Power stability (rms)	<10%		<1%, <3%, <5%	
M2	<2.0		<1.3	
Beam divergence (mrad)	<1.5		<1.0	<0.5
Beam diameter at 1/e ² (mm)	-3.0			
Noise amplitude, rms, 20Hz-20MHz	/		<1% for low noise version, <3% for normal version	
Spectral purity	>99%		1	
Spectral linewidth (nm)	0.2nm, nominal		0.8nm for low noise version, 1 nm for normal version	
Polarization ratio	>50:1		>100:1	
Pointing stability (mrad)	<0.05			
Operating temperature (t)	10-35			

- Customized Options: Power tunability and display, TTL modulation, Analog modulation, Fiber coupling, RS-232 interface, Beam expander

