

Q-SWITCHED UV LASER

AO/MPL series 266/355 nm



Description

The output power of 266/355 nm UV laser systems ranges from 1 mW up to 3000mW. Laser system is TEC cooled and designed to be operated and maintained easily. Different power stabilities are available.

Feature

Wavelength: 266/355nm
 Operating longitudinal mode Several
 Expected lifetime 10000 hours
 Warranty period 1 year

Application

Photoluminescence
 Scientific research
 Material processing
 Spectrum analysis

Specification

Wavelengths(nm)	266		355	
	AO series	MPL series	AO series	MPL series
Max. average power (mW)	200@10KHz	200@free-run rep. rate	3000@20KHz	1000@free-run rep. rate
Max. pulse energy (uJ)	20	10	150uJ	60uJ
Repetition rate (KHz)	1-50	0-20	1-100	0-25
Pulse width (ns)	10-15	7-10	5-30	7-10
Power stability (rms)	<5%, <10%			
Spectral purity	>99%			
M2	<1.5			

Beam divergence (mrad)	<1.5	
Beam diameter at 1/e ² (mm)	~2.0	
Pointing stability (mrad)	<0.05	
Polarization ratio	>50:1	>100:1
Operating temperature (CC)	10-35	
<ul style="list-style-type: none"> • Customized Options: Power tunability and display, TTL modulation, Analog modulation, Fiber coupling, RS-232 interface, Beam expander 		

