

1-100mW 355nm Passively Q-switch Pulsed UV Laser

FEATURES

Miniature size
Collimated straight beam
Adjustable focus
Easy use & maintenance free
Longlife operation
High efficiency
High reliability

APPLICATIONS

Biology
Material Inspection
Biochemistry

Specifications

Model No.	FU355AD1-F100Q(>1mW) FU355AD5-F100Q(5mW) FU355AD20-F100Q(20mW) FU355AD50-F100Q(50mW) FU355AD100-F100Q(100mW)
波长Wavelength	355+/-1nm
光斑模式Spatial Mode	near TEM00
输出功率Output Power(average)	>1mW, 5mW, 20mW, 50mW, 100mW
工作模式Operation Mode	Pulsed laser
单脉冲能量Single pulse energy	1-10uJ
脉冲宽度Pulse Width	5-20ns
峰值功率Peak Power	100W~2KW
重复频率Repeat rate	1~10KHz
偏振Polarization	>50:1
束斑形状Beam Spot Shape	Circular, aspect ratio<1.1:1
瞄准稳定性Pointing Stability	<0.05 mrad
光束直径Beam Diameter(1/e2)	2mm
光束发散角Beam Divergence	<1.5 mrad
光束高度Beam Height from Base	45mm
功率稳定性Power Stability*	<±5% per 4 hrs
温度温度方式Temperature Stabilizing	TEC
预热时间Warm Up Time	<5 minutes
最佳工作温度Optimum Operating Temperature	20~30oc
存储温度Storage Temperature	10~50oC
预期寿命MTTF**	10,000 hrs
激光器尺寸 Laser Dimensions	211(L)x88(W)x74(H) mm
配套电源Power Supply	178(W)x197(D)x84(H) mm3 85~265V 50/60Hz input

