

MSL-AO-532/1~100uJ

SINGLE LONGITUDINAL MODE PULSED GREEN LASER AT 532 nm

All solid state single frequency pulsed laser at 532nm is made features of high power, long lifetime and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	532±1
Operating mode	Acousto-Optic Q-switched
Single pulse energy (μJ)	1~100
Longitudinal mode	Single
Pulse duration (ns)	<25
Peak power (kW)	1~4
Rep. rate (Hz)	1~1000
Polarization ratio	>100:1
Ave power stability (over 4 hours)	<3%, <5%
Beam divergence, full angle (mrad)	<2
Beam diameter at the aperture (1/e ² ,mm)	~2
Beam height from base plate (mm)	59
Warm-up time (minutes)	<20
Cooled method	Water Cooled
Operating temperature (°C)	20~30
Power supply (90-264VAC)	PSU-AOM(3U)
Expected lifetime (hours)	10000
Warranty period	1 year



MSL-AO-532	PSU-AOM(3U)	Water Chiller(WCH-400)
<p>432(L) × 218(W) × 82(H) mm³, 9kg</p>	<p>483.5 (L) × 454 (W) × 147.5 (H) mm³, 8.3 kg</p>	<p>587.5(L) × 482(W) × 187.5(H) mm³, 17 kg</p>