

PS-A-355/2W~5W



MODE-LOCKED PICOSECOND PULSED LASER AT 355nm

Mode-locked picosecond pulsed laser at 355nm is made features of short pulse duration, high repetition rate and good beam quality, which is used in laser medical treatment ,industrial processing, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	355±1
Operating mode	Mode-locked
Output power (W)	@ Mode-locked mode 2W~5W
Power stability (rms, over 4 hours)	<5%, <3%
Transverse mode	TEM ₀₀
Pulse duration(ps)	10~20
Rep.rate(MHz)	48±1
Beam quality (M ²)	<1.5
Beam divergence, full angle (mrad)	<4
Beam diameter at the aperture (mm)	~2
Beam height from base plate (mm)	94
Polarization ratio	>100:1, Horizontal
Warm-up time (minutes)	<20
Operating temperature (°C)	10~30
Supply Voltage	DC 15V/33.4A (optional)



PS-A-355 <i>Integrated electronics</i>	Power supply 100-240VAC	Water Chiller (WCH-580)
<p>605(L)×270(W)×125.5(H)mm³, 31 kg</p>	<p>DC15V 33.4A;230(L)×127(W)×40.5(H)mm³</p>	<p>369.8 (L) ×258.4(W) ×240.6 (H) mm³, 10.5 kg</p>