

PS-E-355/1W~2W



### 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
Output power (W)	1W~2W
Rep.rate (MHz)	48±1
Pulse duration (ps)	10~20
Power stability (rms, over 4 hours)	<5%, <3%
Transverse mode	TEM <sub>00</sub>
Beam Circularity (%)	>90
Beam quality (M <sup>2</sup> )	<1.5
Beam divergence, full angle (mrad)	<4
Beam diameter at the aperture (mm)	~2
Polarization ratio	>100:1, Horizontal
Beam height from base plate (mm)	94
Warm-up time (minutes)	<20
Operating temperature (°C)	10~30
Power supply	DC 15V/33.4A (optional)



<p>PS-E-355 <i>Integrated electronics</i></p> <p>605 (L) × 306(W) × 126 (H) mm<sup>3</sup>, 32 kg</p>	<p>Power supply 100-240VAC</p> <p>DC15V 33.4A:230(L)×127(W)×40.5(H)mm<sup>3</sup>, 1.3kg</p>	<p>Water Chiller (WCH-580)</p> <p>369.8 (L) × 258.4(W) × 240.6 (H) mm<sup>3</sup>, 10.5 kg</p>
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