

**SP-355N**  
LD PUMPED ALL-SOLID-STATE  
AOM Q-SWITCHED LASER



# SP-355N

## AOM Q-SWITCHED LASER



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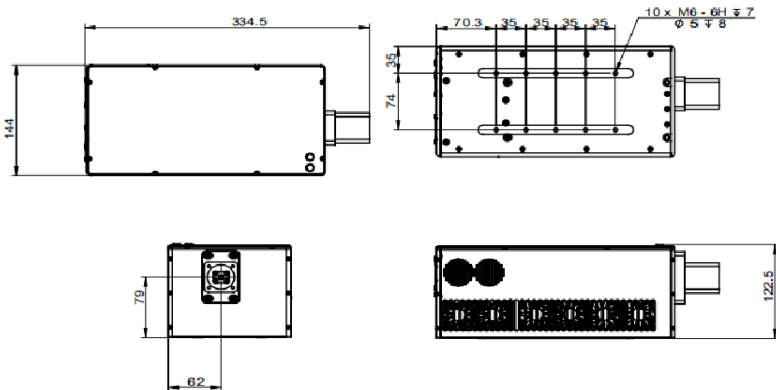
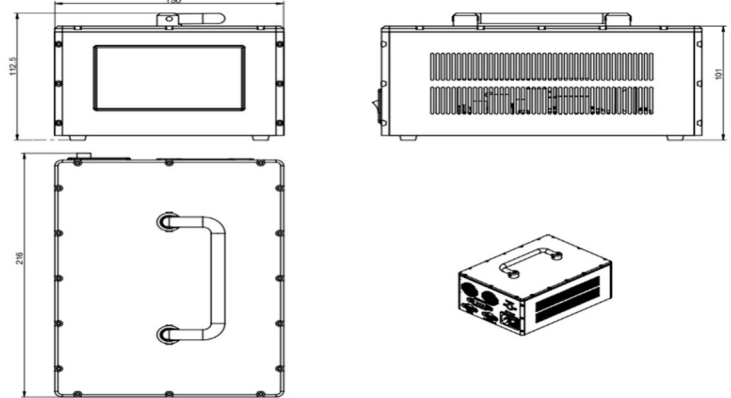


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TECHNOLOGY. TODAY!**

## Specifications

Wavelength (nm)	355±1	
Operating mode	Acousto-Optic Q-switched	
Average power (W)	3W@40kHz	5W@30kHz
	Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)	
Single pulse energy (μJ)	>100μJ @40kHz	>200μJ @30kHz
Rep. rate (kHz)	20-200	
Pulse width (ns)	~10 @40kHz	~10 @30kHz
Warm-up time (minutes)	<10	
Transverse mode	TEM <sub>00</sub>	
Beam Circularity (%)	>90	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~1.5	
Beam height from base plate (mm)	79	
Cooling method	Air Cooled	
Environment temperature (°C)	10~35	
Supply Voltage	100-240VAC	
Dimension (mm <sup>3</sup> )	334.5*144*122.5	
Weight (Kg)	7.45	

An all-solid-state AOM Q-switched laser operating at 355 nm exhibits high peak power, high repetition rate, and short pulse duration. These features make it suitable for applications in scientific research, biology, instrumentation, 3D marking, laser marking, sub-surface engraving, and various other fields.

SP-355N	Accessory (Power supply 100-240VAC)
 <p data-bbox="448 965 795 989">334.5 (L) × 144 (W) × 122.5 (H) mm<sup>3</sup>, 7.45 kg</p>	 <p data-bbox="1400 965 1736 989">216 (L) × 150 (W) × 112.5 (H) mm<sup>3</sup>, 2.75 kg</p>

Note:

Specifications subject to change without notice.