



AO-K-560/500mw/100uJ

LD PUMPED ALL-SOLID-STATE  
AOM Q-SWITCHED LASER

All solid state AOM Q-switched laser at wavelengths 560 has the features of high peak power and short pulse duration, which is used in laser inner carver, laser marking, scientific research and so on.



SPECIFICATIONS

Wavelength (nm)	560 ± 1
Operating mode	Acousto-Optic Q-switched
Average power (mW)	500mW @5kHz Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (uJ)	> 100uJ @5kHz
Rep. rate (kHz)	1~10
Pulse duration (ns)	~10@5KHz
Peak power (kW)	~10@5KHz
Ave power stability (over 4 hours)	<5% , <3% , <2%
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~3
Polarization ratio	>100:1, Vertical
Beam height from base plate (mm)	94
Warm-up time (minutes)	<10
Cooled method	Air cooled
Operating temperature (°C)	10~35
Power supply	DC 24V/ 20.9A ( optional )



<p>AO-K-560 <i>Integrated electronics</i></p> <p>440 (L) × 205(W) × 146(H) mm<sup>3</sup></p>	<p>PSU-24 (Power supply 100-240VAC)</p> <p>DC24V 20.9A; 356 (L) × 100(W) × 42 (H) mm<sup>3</sup></p>
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