

AO-K -300/1~50mW

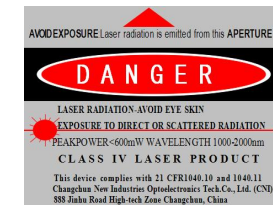
LD PUMPED ALL-SOLID-STATE Q-SWITCHED UV LASER at 300nm

Precisometer's All solid state Q-switched UV laser at 300nm has the features of ultra compact, easy operating, it is widely used in UV curing, micro-electronics, metrology and material processing ,laser medical treatment, scientific

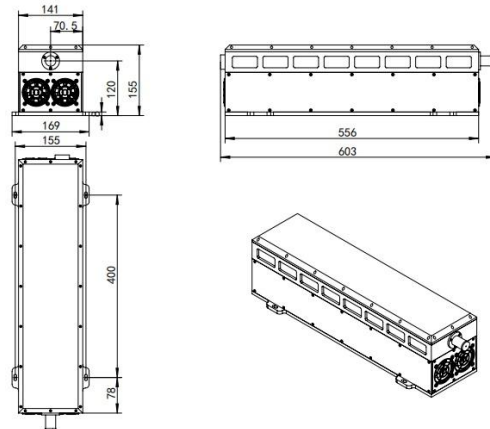


SPECIFICATIONS

Central wavelength (nm)	300±2
Operating mode	Acousto-Optic Q-switched
Average power (mW)	1-50
Rep. rate (kHz)	10
Pulse duration (ns)	<10
Single pulse energy (μJ)	1~5
Peak power(W)	>500W@10kHz@50mW
Beam diameter at the aperture (1/e ² , mm)	Elliptical (2:3), Beam spo2*3mm;
Beam divergence, full angle (mrad)	<1
Power stability (rms, over 4 hours)	<5%, <3%
Beam height from base plate (mm)	120
Warm-up time (minutes)	<10
Cooled method	Air Cooled
Power supply	PSU-AOM (3U)
Expected lifetime (hours)	10000

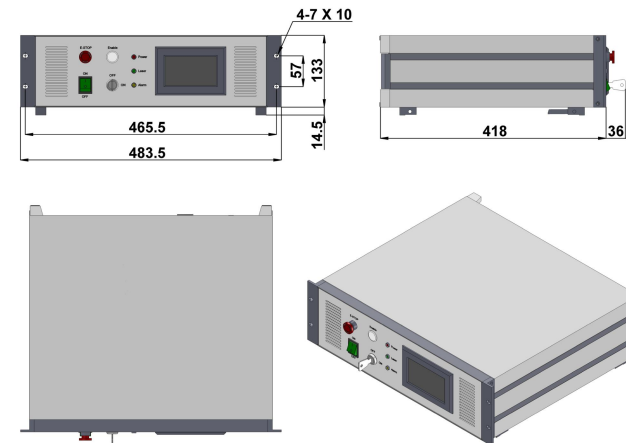


AO-K-300



603 (L) × 195(W) × 155(H) mm³, 12kg

PSU-AOM (3U)



483.5 (L) × 454 (W) × 147.5 (H) mm³, 8.3 kg

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