



EO-XS-2600~4410/1~1000mW

LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

All CNI's Q-switched DPSS laser at 2600~4410nm have high peak power, high repetition rate, and short pulse duration, it is widely used in medical treatment, scientific research and so on.

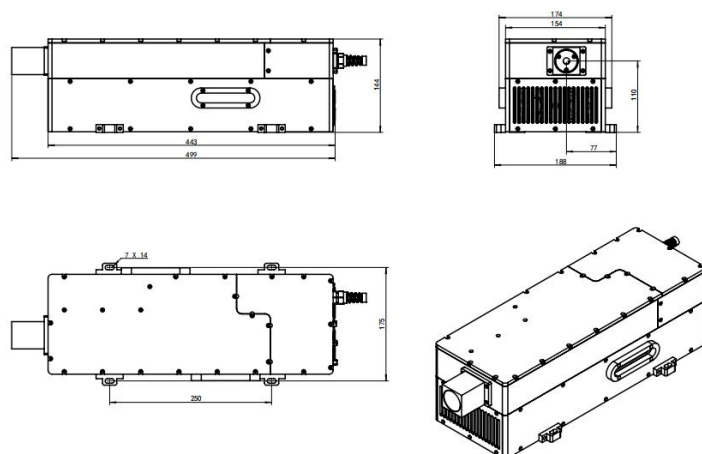


SPECIFICATIONS

Wavelength (nm)	2600~2850	2930~3150	3200~3390	3400~3600	3640~3770	3800~3930	3950~4070	4100~4200	4240~4320	4350~4410
Operating mode	Electro-optic Q-switched									
Max average power (mW)	>1000@30kHz			>800@30kHz			>400@30kHz		>200@30kHz	
Power stability (over 4 hours)	3%, <5%									
Pulse duration (ns)	~15@30kHz									
Rep. rate (kHz)	30-50									
Single pulse energy (μJ)	1~33.3			1~26.7			1~13.3		1~6.7	
Beam divergence, full angle (mrad)	<5									
Beam diameter at the aperture (1/e ² ,mm)	~7									
Beam height from base plate (mm)	110									
Warm-up time (minutes)	<10									
Operating temperature (℃)	10~35									
Power supply (90-264VAC)	PSU-AOM(3U)									
Expected lifetime (hours)	10000									
Warranty period	1 year									

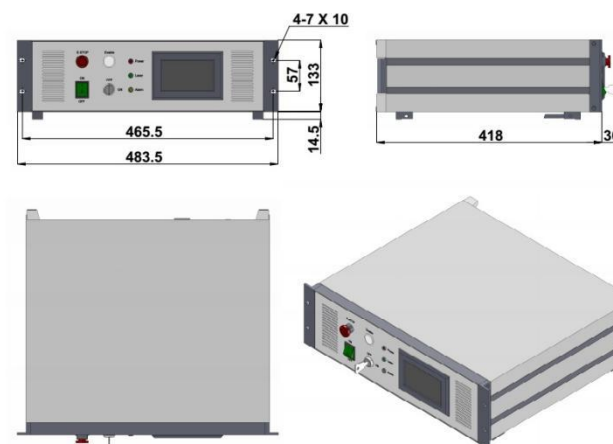


EO-XS-2600~4410



499(L)×174(W)×144(H) mm³, 8.5kg

PSU-AOM(3U)



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