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

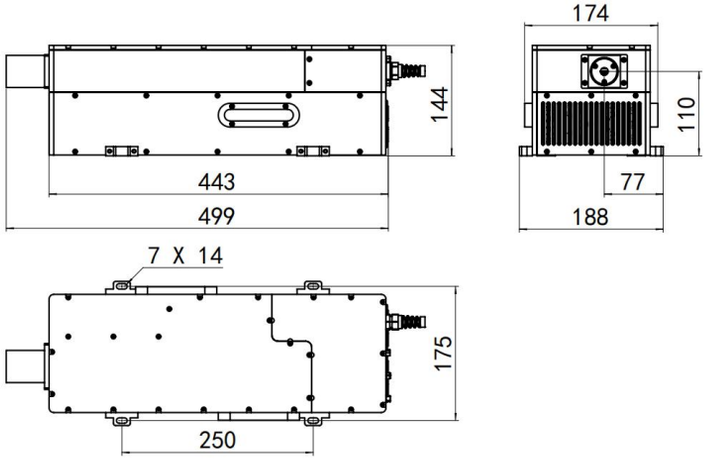
LD PUMPED ALL-SOLID-STATEQ-SWITCH ED LASER

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

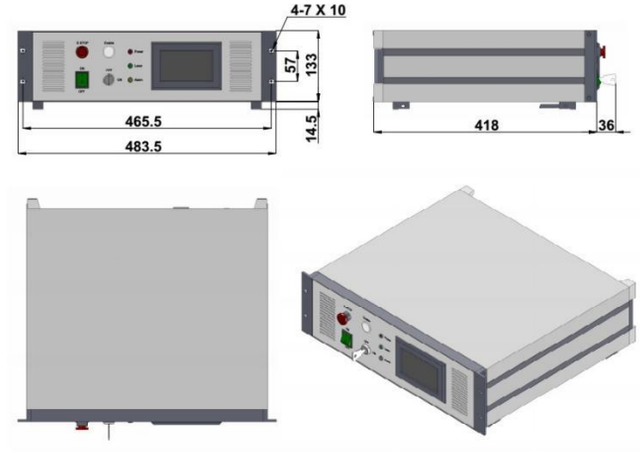
Wavelength (nm)	2600~2850	2930~3150	3200~3390	3400~3600	3640~3770	3800~3930	3950~4070	4100~4200	4240~4320	4350~4410
Operating mode	Actively									
Average power (mW)[1]	>1000@30kHz			>800@30kHz			>400@30kHz		>200@30kHz	
Power stability (rms, 4 hours±3°C)	<5%, <3%									
Pulse duration (ns)	~15@30kHz									
Rep. rate	30-50kHz									
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									
Cooled method	Air cooled									
Operating temperature (℃)	10-35									
Power supply (100-240VAC)	PSU-AOM (3U)									
Expected lifetime (hours)	>10000									

LASER HEAD



499 (L)×175 (W) ×144(H) mm³, 8.5kg

POWER SUPPLY



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

1 Any power level can be selected in this range.

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