TUN-TiA-393-408/1-1000mW

LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER at 393-408nm

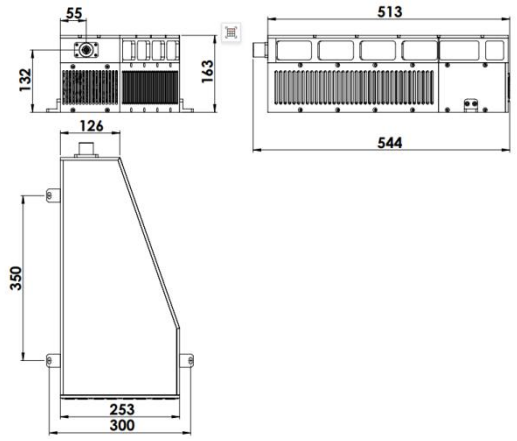
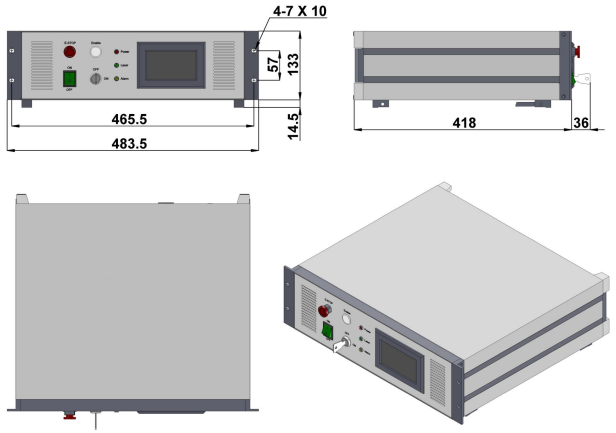
All solid state Q-switched violet blue laser at 393~408nm is customizable at any wavelength of this，it has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, scientific research, and so on.

SPECIFICATIONS

Wavelength (nm) [1]	393-403	404-408
Operating mode	Actively	
Average power (mW)	1-1000	1-500
Pulse duration (ns)	~35@50kHz	
Rep. rate (kHz) [2]	10-50	
Single pulse energy (uJ)	1-20@50kHz	
Peak power (kW)	0.1-0.57@50kHz	
Ave power stability (rms, 4 hours±3℃)	<5%, <3%	
Beam divergence, full angle (mrad)	<4	
Beam diameter at the aperture (1/e^2,mm)	3	
Beam height from base plate (mm)	132	
Warm-up time (minutes)	<10	
Cooled method	Air Cooled	
Operating temperature (℃)	15-35	
Power supply (100-240VAC)	PSU-AOM (3U)	
Expected lifetime (hours)	>10000	





LASER HEAD	POWER SUPPLY
	
544 (L) ×300 (W) ×163(H) mm3, 20kg	**483.5 (L) ×454 (W) ×147.5 (H) mm^3, 8.3 kg**

1 One fixed value between 393-408nm.

2 One fixed value between 10-50kHz..