

PS-D-266/1W-5W



MODE-LOCKED PICOSECOND PULSED LASER AT 266nm

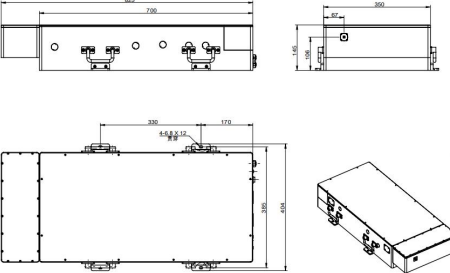
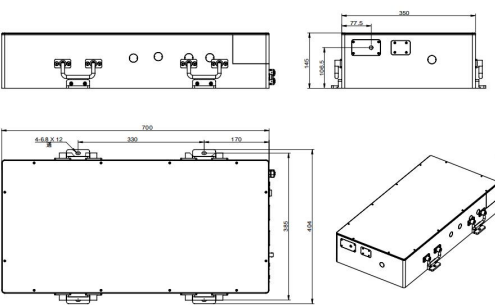
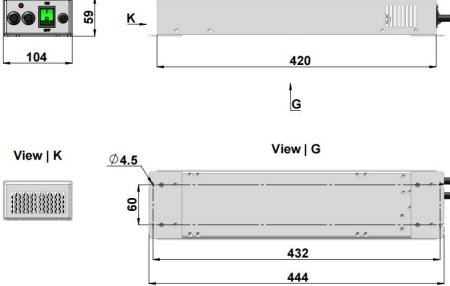
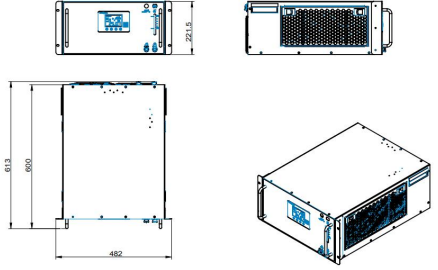
Picosecond pulsed laser is made features of short pulse duration, good beam quality, which is used in glass marking, sapphire marking, ceramic cutting, semiconductor cutting, solar panels coating, film scribing, etc.



SPECIFICATION

Wavelength (nm)	266±1	
Output power (W)	1~5W@1MHz	1W~4W@80MHz 1W~3W@120MHz
Rep.rate (MHz)	400KHz~1MHz On Request	80MHz±1/120MHz±1
Pulse duration (ps)	~10	
Power stability (rms, over 4 hours)	<3%, <1%	
Peak-to-Peak stability (rms ,over 4 hours)	<2 %	
Transverse mode	TEM ₀₀	Near TEM ₀₀
Beam Circularity (%)	>90	>85
Beam quality (M ²)	<1.2	<1.3
Beam divergence, full angle (mrad)	<2	
Beam diameter at the aperture (1/e ² , mm)	~3	~0.8
Polarization ratio	>100:1 (Vertical or Horizontal optional)	
Beam height from base plate (mm)	106	
Warm-up time (minutes)	<20	
Cooling method	Water Cooled	
Operating temperature (°C)	20~30	
Power supply	DC 36V/ 40A (optional)	



<p>PS-D-266 400KHz~1MHz <i>Integrated electronics</i></p>  <p>825 (L) × 404 (W) × 145 (H) mm³, 55 kg</p>	<p>PS-D-266 80MHz/120MHz <i>Integrated electronics</i></p>  <p>700 (L) × 404 (W) × 145 (H) mm³, 55 kg</p>	<p>Power supply 100-240VAC</p>  <p>DC36V 40A; 444 (L) × 104 (W) × 59 (H) mm³, 2 kg</p>	<p>Water Chiller</p>  <p>613(L) × 482 (W) × 221.5(H) mm³, 28 kg</p>
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