

HPL-589-Q/1~50W

SPECIFICATIONS

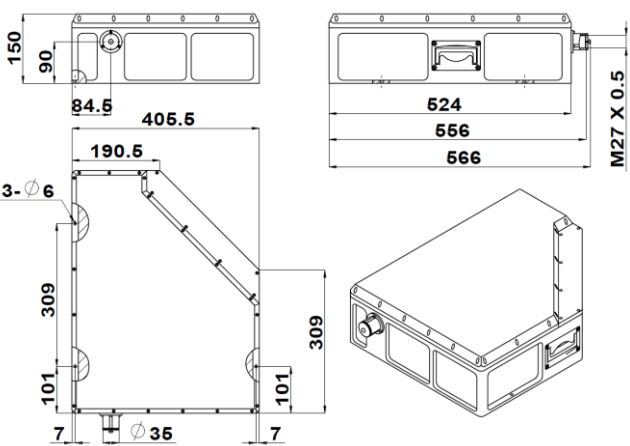
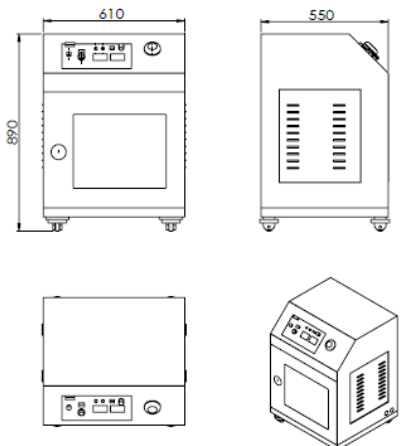
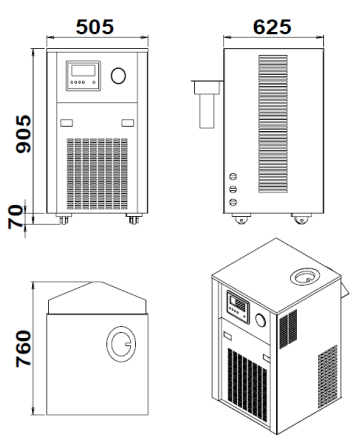
**WATER COOLING LD PUMPED
ALL-SOLID-STATE Q-SWITCHED
YELLOW LASER at 589nm**

All solid state AOM Q-switched laser at 589nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in measurement, research, City view, and so on.



Wavelength (nm)	589 ± 1		
Operating mode	Acousto-Optics Q-switched		
Average power (W)	10(nonadjustable)	30(nonadjustable)	50(nonadjustable)
Rep. rate (kHz)	4 or 14 (nonadjustable)		
Pulse duration (ns)	100~150		
Single pulse energy (mJ)	2.5@4KHz	7.5@4KHz	12.5@4KHz
Peak power (kW)	>15@4KHz	>50@4KHz	>80@4KHz
Ave power stability (over 4 hours)	<3% or 5%		
Beam divergence, full angle (mrad)	<3		
Beam diameter at the aperture (mm)	~18		
Warm-up time (minutes)	<15		
Beam height from base plate (mm)	90		
Cooled method	Water Cooled		
Operating temperature (°C)	15~35		
Power supply (220V AC)	PSU-HPL-589		
Expected lifetime (hours)	10000		
Warranty period	1 year		



HPL-589-Q	PSU-HPL-589	WCH-3600
 <p>556(L) × 405.5(W) × 150(H) mm³, 33kg</p>	 <p>550(L) × 610(W) × 890(H) mm³, 84kg</p>	 <p>505 (L) × 625(W) × 975(H) mm³, 95kg (30W)</p>