

HPL-589-Q/1~25W

SPECIFICATIONS

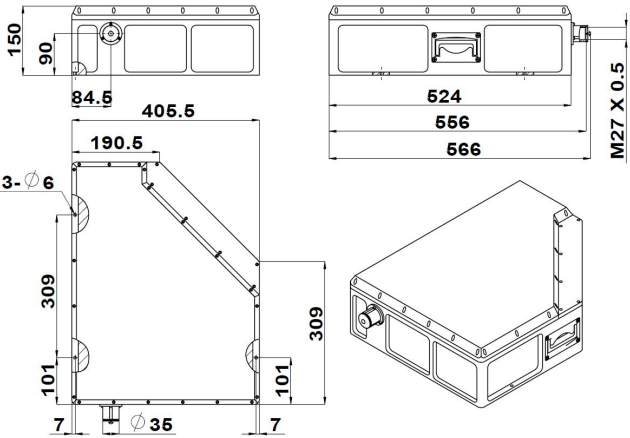
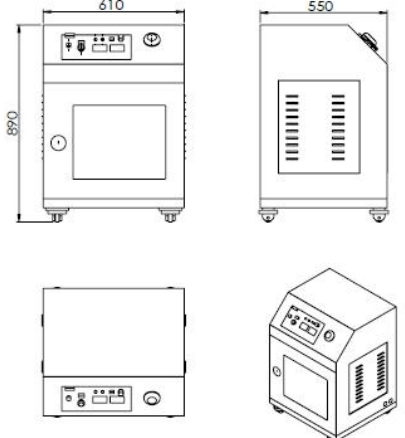
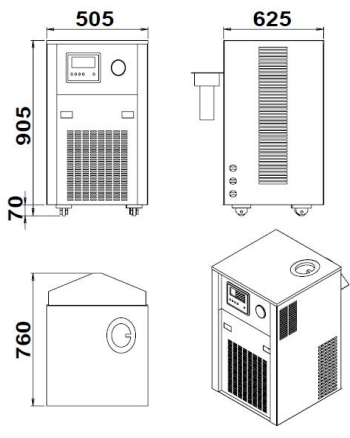
**WATER COOLING LD PUMPED
ALL-SOLID-STATE Q-SWITCHED
YELLOW LASER at 589nm**

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)	25(nonadjustable)
Rep. rate (kHz)	4 or 14 (nonadjustable)	
Pulse duration (ns)	100~150	
Single pulse energy (mJ)	2.5@4KHz	6.25@4KHz
Peak power (kW)	>15@4KHz	>40@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	Water Chiller (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>