

# 589nm Yellow Laser System



## • SPECIFICATIONS

Wavelength (nm)		589
Output Power (mW)		1~1000
Working Mode		CW
Beam Mode	Transverse	TEM00
	Longitude	Multi-longitude
Spectral Linewidth (nm)		<0.1
Polarization		Line polarization
Polarization Ratio		>8:1
Beam Quality (M2 factor)		<1.5
Beam Divergence (full angle, mrad)		1.2±0.2
Beam Diameter at Aperture (mm)		1.5±0.2
Beam Roundness		>90%
Power Stability (RMS, over 8 hours)		<5%
Aperture Position (mm)		48
Laser Head	Dimensions (L×W×H, mm)	205 x 60 x 60
	Net Weight (kg)	1.2
Integrated Driver Model		VD-II Series
External Modulation		5V TTL / 5V Analogue
Modulating Frequency		30KHz TTL / 10KHz Analogue
Cooling System		TEC+Air-cooled
Warm-up Time (minutes)		<15