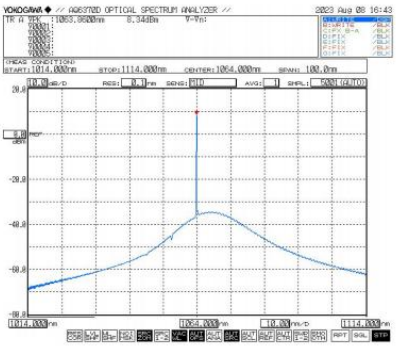
1064nm Wavelength SM Fiber Coupled Laser

This laser employs a butterfly-shaped semiconductor laser chip. The professionally designed drive and temperature control circuits ensure the safe operation of the laser, with stable output power and spectrum. It is suitable to be used as a seed laser for high-power lasers and can also be applied in the production and testing of optical devices. Itis available in desktop or Modular packaging.



Features
High output power
Power and spectral stability
Single-mode or
polarization-maintaining output

Application
Seed laser
Optical testing
Research on nonlinear optics

Optical indicators	unit	Typical value		Note
Working wavelength	nm	1064		1030nm is optional.
Wavelength accuracy	nm	±2		
Spectral width	nm	<0.1		
Working mode	-	CW		Continuous light
Output power	mW	100/200/300/400/50		Low-power model
	W	1/2/5/10		High-power model
Power regulation range	-	10%to 100%		
Short-term stability(15 minutes)	dB	±0.02 or less		Equivalent≤±0.5%
Long-term stability(8 hours)	dB	±0.05 or less		Equivalent≤±1.2%
polarization state	-	random	Linear polarization	
Fiber pigtail type	-	Hi-1060	PM980	
Fiber pigtail connector type	-	FC/APC	FC/APC(Slow Axis Alignment)	

Electrical and environmental parameters	Desktop	Module (Low Power)	Module (High Power)
Control mode	Key input / RS232 serial communication	RS232 serial communication	RS232 serial communication
Communication interface	DB9 Female	DB9 Female	DB9 Female
for Electricity	100~240V AC, <30W	5V DC, <15W	DB9 Female 12V DC, <60W
Dimensions (mm)	260(W)×320(D)×120(H)	125(W)×150(D)×20(H)	139(W)x235(D)x70(H)
Operating temperature range	-5~+35 C		
Working humidity range	0 to 70%		

Ordering Information / Model				
	Working wavelength(um)	Output power	Output pigtail type	Encapsulation form
FL (Low Power)	1030/ 1064	100/200/300/400 /500(mW)	SM= HI-1060	M = module
FLH (High Power)		1/2/5/ 10(W)	PM= PM 980	B = desktop