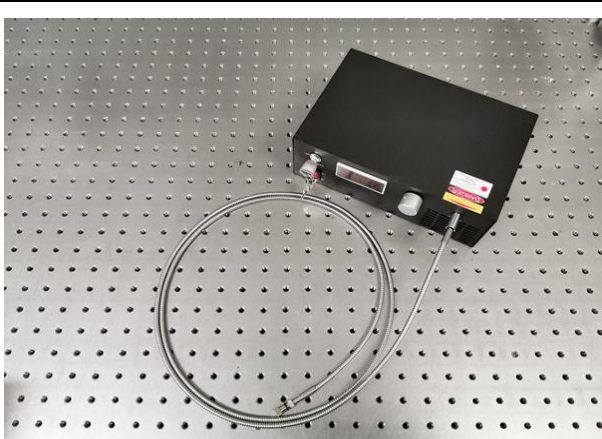


The 375nm multimode fiber-coupled laser -----

----- V2.0

Product features	
A variety of optical fibers are available	
TEC temperature control, air cooling	
Customized products are available	
Apply	
Fluorescence spectroscopy, photoelectric detection, cell analysis, etc	

Parameter *1	working conditions	code	min	Typical values	max	unit
Optical parameter						
Output power (CW)	@PO	PO		150		mW
Power Stability (RMS)	2hrs	Ps			3	%
Center wavelength	@PO	λ_c	370	375	380	nm
Spectral linewidth (FWHM)	@PO	$\Delta\lambda$		1	2	nm
Warm-up time	@PO	T_w			5	min
Noise	RMS(10Hz-100MHz)	N			1	%
Fiber patch cables parameter						
Fiber core			105/200/400um multimode fiber optional			
Fiber length		L		2.0		m
Numerical aperture		NA		0.22		
Fiber connector			FC-PC/SMA905			
Electrical parameter						
Operating voltage	@PO	V_{in}	90	220	245	V
TTL modulation frequency				1		KHz
Computer interface*2			RS232/RS485/USB optional			
Reliability parameter						
Service life*3	@PO/room temperature	MTTF	10,000			Hrs
Operating temperature		T_{stg}	0		40	°C
Storage temperature		T_{opr}	-20		65	°C

Note:

*1: Test data at 25°C operating temperature

*2: Computer control is optional, and the standard configuration computer interface is RS232 interface

*3: Service life refers to the service life of the laser diode

Product appearance and package size

