

## ***Multi-wavelength Laser***



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Multi-wavelength laser are ideal for fluorescence imaging or any other application that requires up to multi wavelengths of laser source. The laser source is configured to accept the lasers which have discrete wavelengths in the spectral range from 375 - 1550 nm, and can be placed in the source in any combination. The user could control the individual or collective output of these lasers and change the power of each laser from the front panel.

### ***APPLICATIONS***

- Fluorescence microscopy
- Flow cytometry
- Confocal microscopy
- Optogenetics
- Live-cell imaging
- Light sheet microscopy

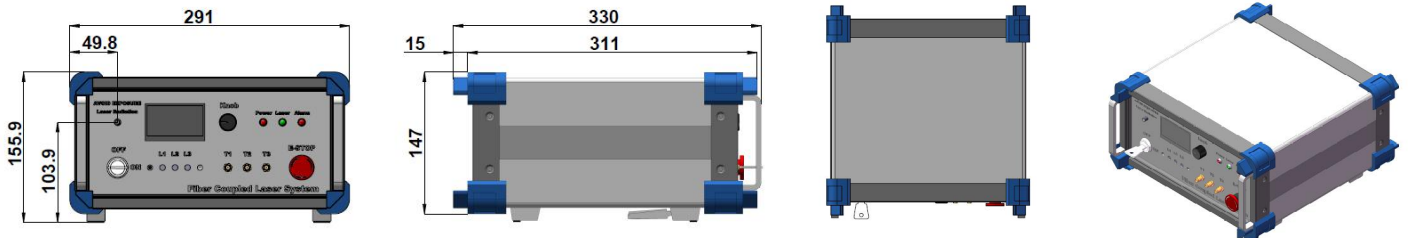
### ***FEATURES***

- Built-in driver for easy operation
- Wavelengths from 375 to 1550nm
- Customized wavelengths and output power combinations
- 2-20 wavelengths can be combined into one system
- Standard fiber connectors or collimated beam output
- Fixed or separable fiber coupling
- Customized size available
- Customized configurations and modifications available

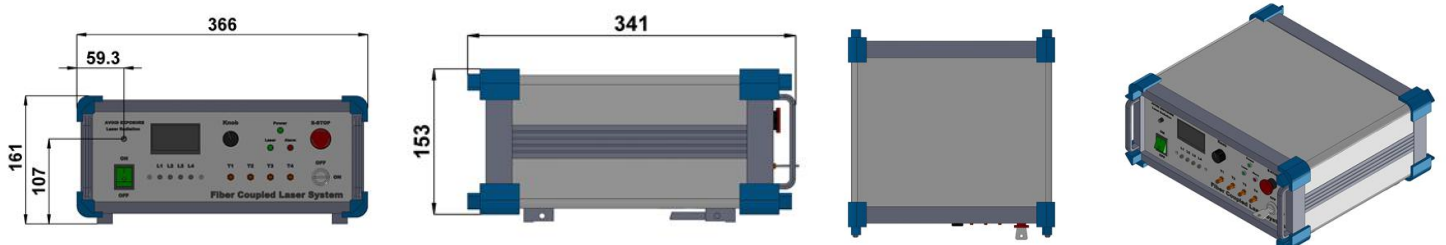
## SYSTEM SPECIFICATION

Channel type	Single Channel			Multi-Channel
Model	<a href="#">FC-MS</a>	<a href="#">FC-ML</a>	Customized model	<a href="#">FC-MS-CH</a>
Available wavelength (nm)	375~1064			375~1550
Number of combined wavelengths	2~3	4~6	7~20	2~4
Fiber type	SM, MM			SM
Fiber core diameter (μm)	Customized on request			4~9
Fiber connector	SMA905/ FC			FC/PC
Output power	Customized on request			
Power stability (rms, over 4 hours)	<3%, <5%			
Operating mode	CW, TTL or analog on request			
Operating temperature(°C)	10~35			
Power input	100~240VAC			
Cooling method	Air cooled			
Expected lifetime (hours)	10000			
Warranty	1 year			

### DIMENSIONS OF LASER MODEL FC-MS (mm):



### DIMENSIONS OF LASER MODEL FC-ML (mm):



### DIMENSIONS OF LASER MODEL FC-MS-CH (mm):

