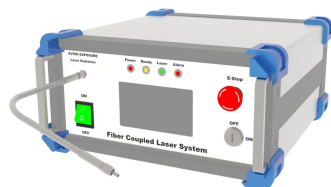


FC-xxx



## FC-xxx Laser System

FC-xxx series laser system can combine 3 wavelengths into a system and one fiber outputs. It can control the laser output either separately, or open multiple lasers at the same time.



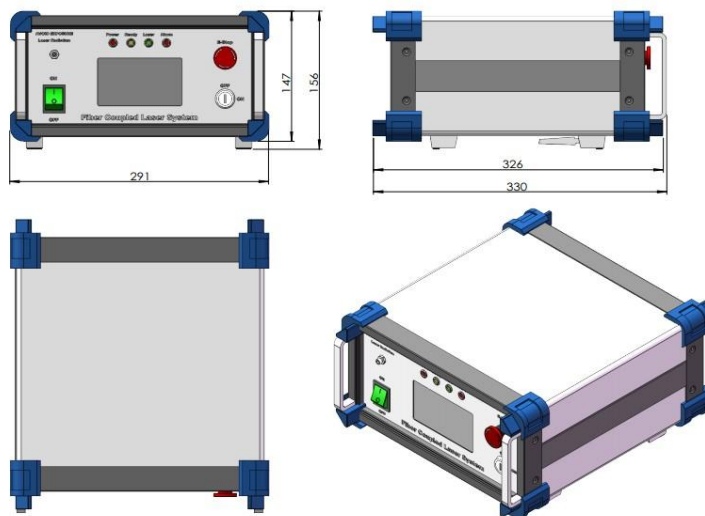
## SPECIFICATIONS

|                                     |                                                                                  |             |             |
|-------------------------------------|----------------------------------------------------------------------------------|-------------|-------------|
| Wavelength combination (nm)         | 375/520/808                                                                      | 405/488/660 | 450/520/640 |
| Wavelength (nm)                     | ±5/±10/±10                                                                       | ±5/±5/±5    | ±5/±10/±5   |
| Operating mode                      | CW                                                                               |             |             |
| Output power after fiber (W)        | 0.3/1.3/5                                                                        | 2/2/1.5     | 3/1.3/1     |
| Power stability (rms, over 4 hours) | <3%, <2%, <1%                                                                    |             |             |
| Output type                         | One channel output                                                               |             |             |
| Fiber type                          | MM fiber                                                                         |             |             |
| Fiber Core Diameter(μm)             | 400/ 200                                                                         |             |             |
| Fiber Connector                     | SMA905/ FC                                                                       |             |             |
| Fiber Length (m)                    | 1<br>(Other lengths are available on request)                                    |             |             |
| Fiber jacket                        | PVC or metal jacket                                                              |             |             |
| Warm-up time (minutes)              | <5                                                                               |             |             |
| Operating temperature (°C)          | 10~35                                                                            |             |             |
| Input voltage                       | 100-240VAC                                                                       |             |             |
| Modulation optional                 | TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz;<br>and Analog modulation optional |             |             |
| Expected lifetime (hours)           | 10000                                                                            |             |             |
| Warranty                            | 1 year                                                                           |             |             |

**Remark:** Please consult CNI for customized configurations and modifications available.

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FC-xxx



330 (L)×291 (W) ×156 (H) mm<sup>3</sup>