

FC-1053 /1~3600mW



## FIBER COUPLED LASER SYSTEM AT 1053nm

It integrates laser, fiber coupled optics, laser power supply and temperature control into housing. They are widely used for medical, biomedical and industrial.

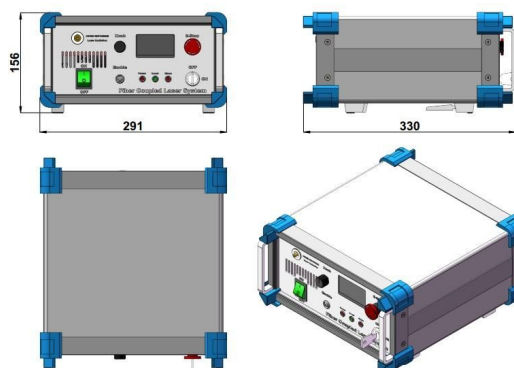


### SPECIFICATIONS

|                                     |                                                                                  |
|-------------------------------------|----------------------------------------------------------------------------------|
| Wavelength (nm)                     | 1053±1                                                                           |
| Operating mode                      | CW                                                                               |
| Output power after fiber (mW)       | >1,10, 20 ... ,3600                                                              |
| Power stability (rms, over 4 hours) | <1%, <2%, <3%, <5%                                                               |
| Fiber Core Diameter (μm)            | 400/ 200 (MM fiber, other fiber core diameter are available on request)          |
| Fiber NA                            | 0.22                                                                             |
| Fiber Connector                     | SMA905                                                                           |
| Fiber Length (m)                    | 1 (Other lengths are available on request)                                       |
| Warm-up time (minutes)              | <5                                                                               |
| Operating temperature (°C)          | 10~35                                                                            |
| Input power                         | 100-240VAC                                                                       |
| Modulation optional                 | TTL on/off, 1Hz- 1kHz, 1kHz- 10kHz, 10kHz-30kHz; and Analog modulation optional. |
| Cooling way                         | By air                                                                           |
| Expected lifetime (hours)           | 10000                                                                            |
| Warranty                            | 1 year                                                                           |



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330 (L) ×291 (W) ×156 (H) mm<sup>3</sup>, 10.0kg