



FC-740/1-5W



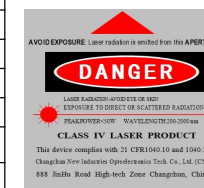
**FIBER COUPLED LASER
SYSTEM AT 740nm**

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

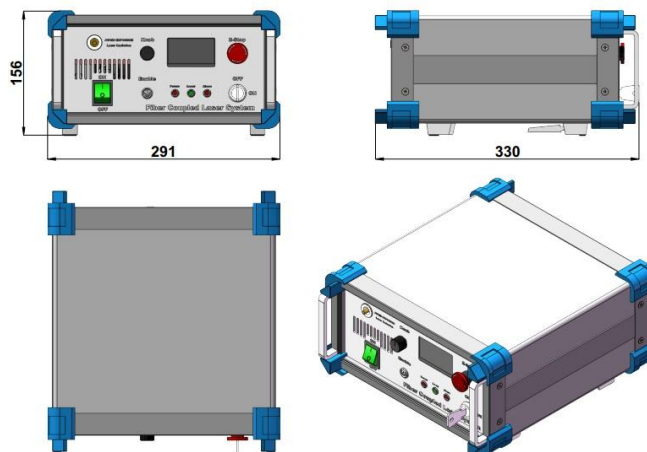


SPECIFICATIONS

Central wavelength (nm)	740±5
Operating mode	CW
Output power after fiber (W) ¹	1-5
Power stability (rms, 4 hours ± 3°C)	<2%, <1%, <0.5%
Fiber core diameter ²	400μm, 0.22 NA
Fiber connector	SMA905, FC/PC optional
Fiber length ³	1m
Fiber jacket	Metal, PVC optional
Warm-up time (minutes)	<5
Cooled method	Air cooled
Operating temperature (°C)	10-35
Operating voltage (VAC)	100-240
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional
Expected lifetime (hours)	>10000



DIMENSION⁴



330 (L) × 291 (W) × 156 (H) mm³, 10.0kg

1 Any power level can be selected in this range.

2 Other fiber core diameter are available on request.

3 Other lengths are available on request.

4 Output power adjustable 10-100%; RS232 control optional.