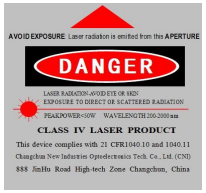
FC-510/1-500mW

FIBER COUPLED LASER SYSTEM AT 510nm

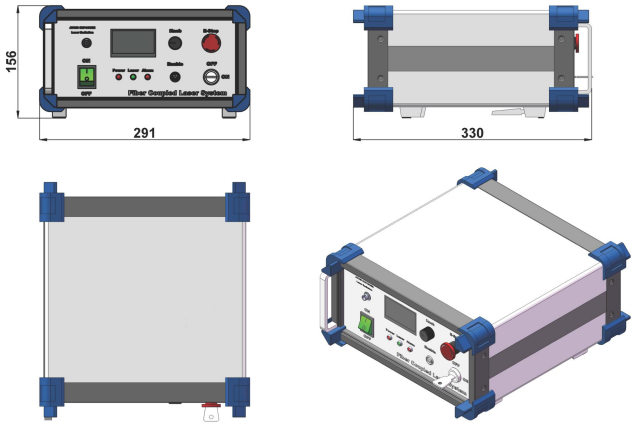
It integrates laser, fiber coupled optics, laser power supply and temperature control into housing. They are widely used for medical, biomedical and industrial.

SPECIFICATIONS

Central wavelength (nm)	510±5
Operating mode	CW
Output power after fiber (mW)[1]	1-500
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 (℃)	10-35
Operating voltage (VAC)	100-240
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional
Expected lifetime (hours)	>10000



DIMENSION[4]



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.