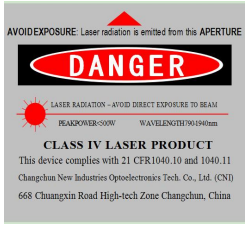
FC-W-1940H/15-80W

HIGH POWER FIBER COUPLING DIODE LASER SYSTEM AT 1940 nm

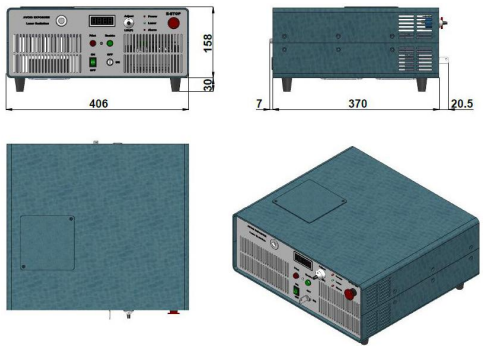
The FC-W-1940H series (Fiber Coupling Laser System) have integrated laser diode, fiber coupling optics, laser power supply, LD current and temperature control in ONE box. Its compact dimension and convenient functions, such as power adjustment, temperature control, LED display etc, make it very suitable for pumping, scientific research, industrial and medical applications.

SPECIFICATIONS

Model	FC-W-1940H	FC-W-1940H-Water
Wavelength (nm)	1940±10	
Operating mode	CW	
After fiber output power (W)[1]	15-20	20-80(On request)
Power Stability (rms, 4 hours ± 3°C)	<2%, <1%, (<0.5% optional)	
Red pilot light	Available on request	
Fiber core diameter	400um, 0.22 NA	
Fiber connector	SMA905, FC/PC optional	
Fiber length[2]	2m	
Fiber Jacket	Metal, PVC optional	
LED display	Diode current	
Operating temperature (°C)	10-40	
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional; TTL and Analog optional	
Operating voltage (VAC)	100-240	
Cooled method	Air cooled	Water Cooled
Dimensions(mm^3)	370 (L) ×406 (W) ×188 (H)	On request
Expected lifetime (hours)	>10000	

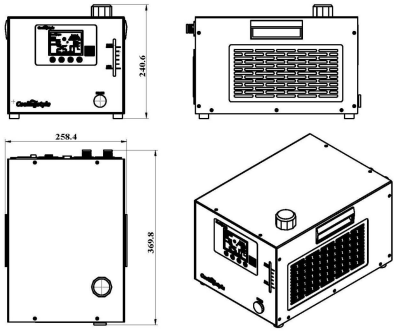


DIMENSION



370 (L) ×406 (W) ×188 (H) mm^3, 13.1kg

WATER CHILLER (WCH-580)



369.8 (L) ×258.4 (W) ×240.6 (H) mm^3, 10.5 kg

1 Any power level can be selected in this range.

2 Other lengths are available on request.