



FC-W-1870H/1~80W

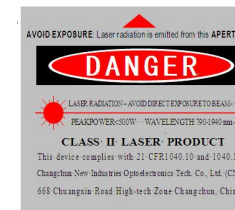
**HIGH POWER FIBER COUPLING  
DIODE LASER SYSTEM AT 1870 nm**

The FC-W-1870H 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.

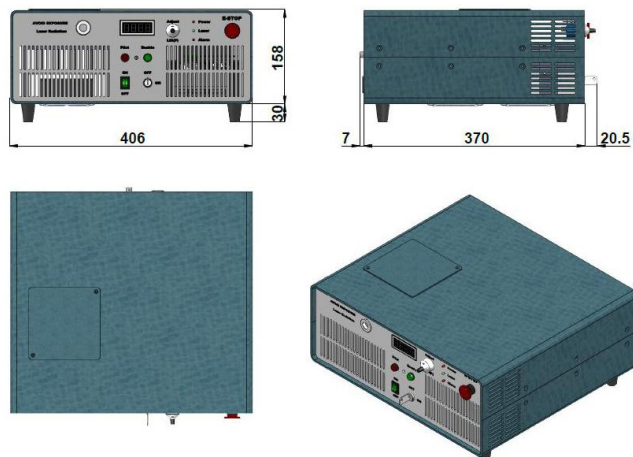


SPECIFICATIONS

Model	FC-W-1870H	
Wavelength (nm)	1870±10	
Operating mode	CW	
After fiber output power (W)	>1, 2, ... , 20	20~80(On request)
Power stability (rms, over 4 hours)	<2%, <1%, <0.5%	
Red pilot light	Available on request	
Fiber core diameter (μm)	400/600	
Fiber NA	0.22	
Fiber connector	SMA905	
Fiber length (m)	2	
LED display	Diode current	
Operating temperature (°C)	10~40	
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional	
Input power	100-240VAC, 50 to 60 Hz	
Cooling Way	Air Cooled	Water Cooled
Dimensions(mm <sup>3</sup> )	370 (L) ×406 (W) ×188 (H)	On request
Expected lifetime (hours)	10000	
Warranty	1 year	

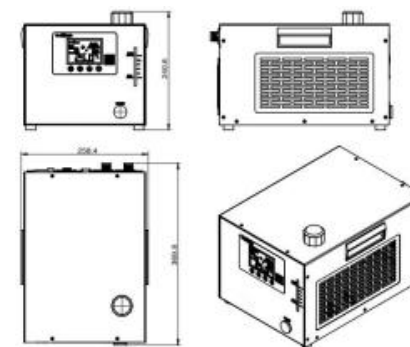


FC-W-1870H



370 (L) ×406 (W) ×188 (H) mm<sup>3</sup>

Water Chiller (WCH-580)



369.8 (L) ×258.4 (W) ×240.6 (H) mm<sup>3</sup>, 10.5 kg