



**FC-W-1940H/15~80W**

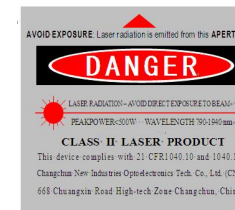
**HIGH POWER FIBER COUPLING  
DIODE LASER SYSTEM AT 1940 nm**

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.

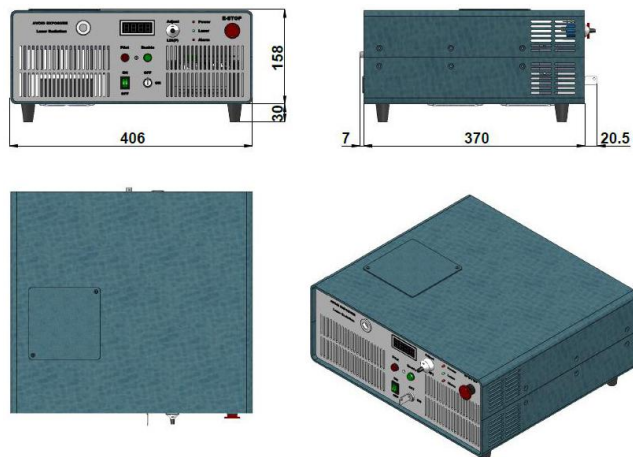


**SPECIFICATIONS**

|                                     |  |                   |
|-------------------------------------|--|-------------------|
| Model                               | FC-W-1940H   |                   |
| Wavelength (nm)                     | 1940±10  |                   |
| Operating mode                      | CW   |                   |
| After fiber output power (W)        | >15, 16, ... , 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   |                   |

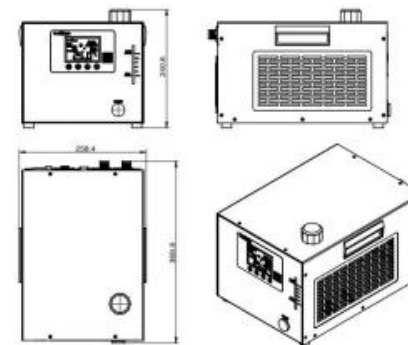


**FC-W-1940H**



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