

FC-825/1-5W



FIBER COUPLED LASER SYSTEM AT 825nm

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

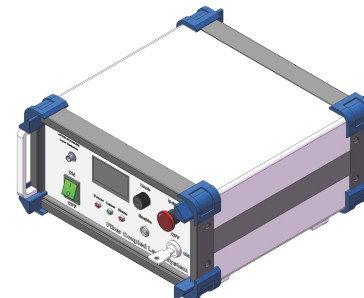
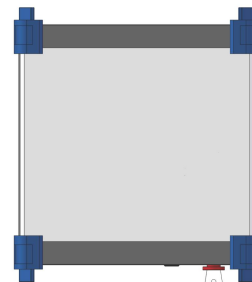
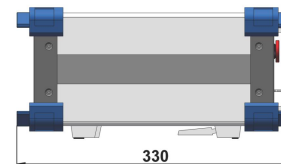
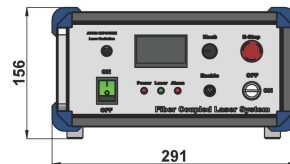


SPECIFICATIONS

| | |
|-------------------------------------|---|
| Wavelength (nm) | 825±3 |
| Operating mode | CW |
| Output power after fiber (W) | >1, 2, ..., 5 |
| Power stability (rms, over 4 hours) | <3%, <2%, <1% |
| Fiber Core Diameter(μm) | 400/ 200 (MM fiber, other fiber core diameter are available on request) |
| Fiber NA | 0.22 |
| Fiber Connector | SMA905 |
| Fiber Length (m) | 1 (Other lengths are available on request) |
| Warm-up time (minutes) | <5 |
| Operating temperature (°C) | 10~35 |
| Input power | 100-240VAC |
| Modulation optional | TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional |
| Cooling way | By air |
| Expected lifetime (hours) | 10000 |
| Warranty | 1 year |



FC-825



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