



**UV-U-xxx-SF series**

**LD PUMPED ALL-SOLID-STATE LASER**

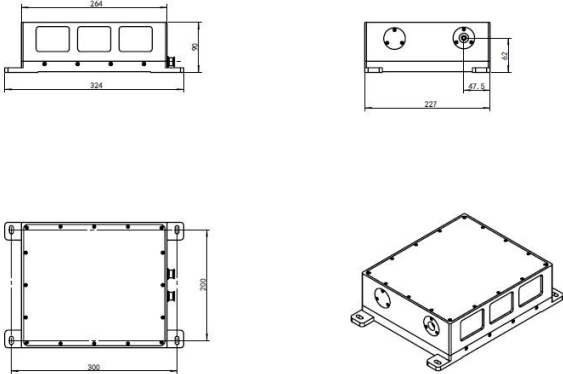
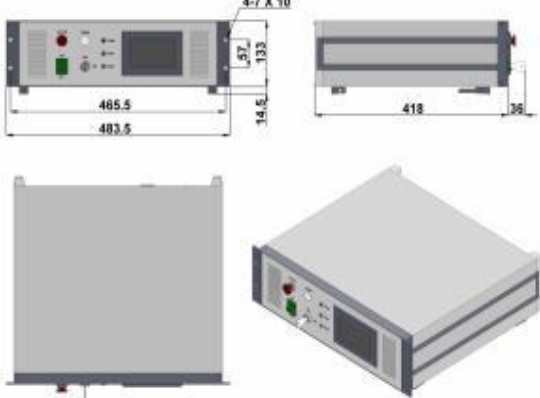

All solid-state CW mode UV laser is made features of ultra compact, easy operating, high power and stability, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, physics experiment, etc.



**SPECIFICATIONS**

|   |             |       |       |       |
|---|-------------|-------|-------|-------|
| Central wavelength (nm)                               | 365±1       | 370±1 | 385±1 | 389±1 |
| Operating mode  | CW          |       |       |       |
| Output power (mW)                                     | 1-60        | 1-20  | 1-20  | 1-40  |
| Power stability (rms, over 4 hours)                   | <5%, <3%    |       |       |       |
| Beam diameter at the aperture (1/e <sup>2</sup> , mm) | ~3.0        |       |       |       |
| Beam divergence, full angle (mrad)                    | <2.0        |       |       |       |
| Spectral line width (nm)                              | <0.1        |       |       |       |
| Warm-up time (minutes)                                | <10         |       |       |       |
| Beam height from base plate (mm)                      | 62          |       |       |       |
| Cooled method (Water Cooled)                          | WCH-580     |       |       |       |
| Power supply  | PSU-AOM(3U) |       |       |       |
| Warranty  | 1 year      |       |       |       |



| LASER HEAD   | POWER SUPPLY (PSU-AOM (3U))  | WATER CHILLER (WCH-580)  |
|--|--|--|
|  <p data-bbox="392 805 683 826"><b>324(L)×227(W)×90(H)mm<sup>3</sup>, 7.5kg</b></p> |  <p data-bbox="1064 798 1400 818"><b>483.5(L)×454(W)×147.5(H)mm<sup>3</sup>, 8.3kg</b></p> |  <p data-bbox="1668 805 1982 826"><b>345 (L) ×248 (W) ×215(H) mm<sup>3</sup>, 10.5 kg</b></p> |