

### UV-F-320/1~5mW

### LD PUMPED ALL-SOLID-STATE CW UV LASER


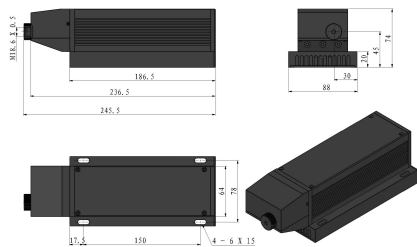

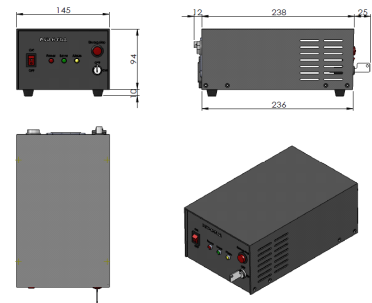
All solid state 320nm UV laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, measurement, physics experiment, laser rapid modeling, etc.



### SPECIFICATIONS

|                                     |                        |
|-------------------------------------|------------------------|
| Wavelength (nm)                     | 320 ± 1                |
| Output power (mW)                   | >1, 2, ..., 5          |
| Transverse mode                     | Near TEM <sub>00</sub> |
| Operating mode                      | CW                     |
| Power stability (rms, over 4 hours) | <10%                   |
| Warm-up time (minutes)              | <10                    |
| M <sup>2</sup> factor               | <2.0                   |
| Beam divergence, full angle (mrad)  | <2.0                   |
| Beam diameter at the aperture (mm)  | ~3.0                   |
| Beam height from base plate (mm)    | 45                     |
| Polarization ratio                  | >50:1 (Horizontal)     |
| Operating temperature (°C)          | 10~35                  |
| Spectral purity                     | >99%                   |
| Power supply (90-264VAC)            | PSU-H-FDA              |
| Expected lifetime (hours)           | 10000                  |
| Warranty period                     | 1 year                 |



| UV-F-320   | Dimension   | PSU-H-FDA  | Dimension  |
|--|---|--|--|
|  <p><b>245.5(L)×88(W)×74(H) mm<sup>3</sup>, 2.0 kg</b></p> |  |  <p><b>275 (L) ×145(W) ×104 (H) mm<sup>3</sup>, 2.3 kg</b></p> |  |