

UV-F-303/1~5mW



LD PUMPED ALL-SOLID-STATE CW UV LASER

All solid state 303nm UV laser is made features of ultra compact, long lifetime, cost -effectiveness and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, measurement, physics experiment, laser rapid modeling, etc.

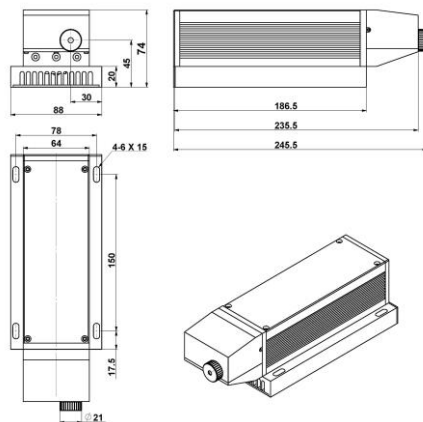


SPECIFICATIONS

| | |
|-------------------------------------|------------------------|
| Wavelength (nm) | 303±1 |
| Operating mode | CW |
| Output power (mW) | >1, 2, ..., 5 |
| Power stability (rms, over 4 hours) | <10% |
| Transverse mode | Near TEM ₀₀ |
| M ² factor | <2.0 |
| Beam diameter at the aperture (mm) | ~3.0 |
| Beam divergence, full angle (mrad) | <2.0 |
| Polarization ratio | >50:1 (Horizontal) |
| Warm-up time (minutes) | <10 |
| Beam height from base plate (mm) | 45 |
| Operating temperature (°C) | 10~35 |
| Spectral purity | >99% |
| Power supply (90-264VAC) | PSU-H-FDA |
| Expected lifetime (hours) | 5000 |
| Warranty period | 1 year |

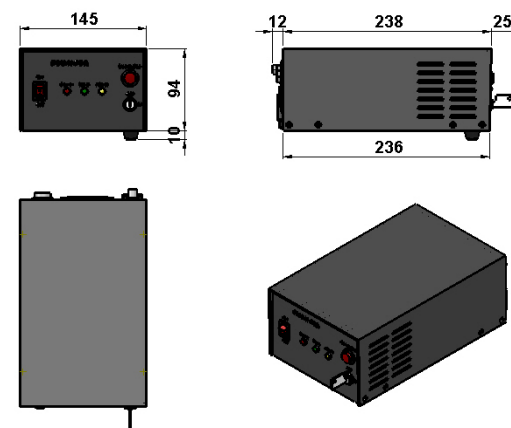


UV-F-303



245.5(L)×88(W)×74(H) mm³, 2.0 kg

PSU-H-FDA



236(L)×145(W)×104(H) mm³, 2.3 kg