

### UV-DP-xxx-A series (266nm)

### LD PUMPED ALL-SOLID-STATE LASER

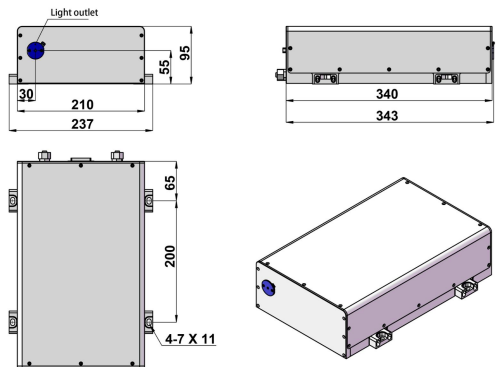
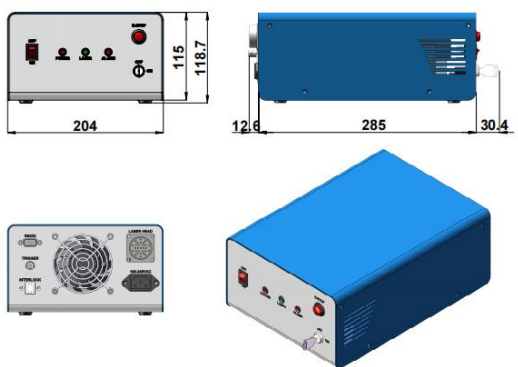
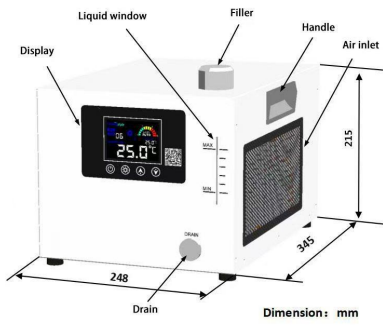
All solid-state CW mode UV laser is made features of ultra compact, easy operating, high power and stability, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, physics experiment, etc.



#### SPECIFICATIONS

|                                                       |                                        |
|-------------------------------------------------------|----------------------------------------|
| Central wavelength (nm)                               | 266±1                                  |
| Operating mode                                        | CW                                     |
| Output power (mW) <sup>1</sup>                        | 1-50                                   |
| Power stability (rms, 4 hours±3°C)                    | <3%, <2%, <1%                          |
| Transverse mode                                       | TEM <sub>00</sub>                      |
| M <sup>2</sup>                                        | <2.0                                   |
| Beam diameter at the aperture (1/e <sup>2</sup> , mm) | <2.0                                   |
| Beam divergence, full angle (mrad)                    | <2.0                                   |
| Warm-up time (minutes)                                | <10                                    |
| Polarization ratio                                    | >100:1, Vertical (Horizontal optional) |
| Beam height from base plate (mm)                      | 55                                     |
| Cooled method (Water Cooled)                          | WCH-580                                |
| Operating temperature (°C)                            | 10-35                                  |
| Power supply (100-240VAC)                             | PSU-SF                                 |
| Expected lifetime (hours)                             | >10000                                 |

Website: [www.precisometer.com](http://www.precisometer.com) E-mail: [info@precisometer.com](mailto:info@precisometer.com)

| LASER HEAD                                                                                                                          | POWER SUPPLY <sup>2</sup>                                                                                                              | WATER CHILLER (WCH-580)                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>343(L)×237(W)×95(H) mm<sup>3</sup>, 14.0kg</p> |  <p>328(L)×204(W)×118.7(H) mm<sup>3</sup>, 3.4kg</p> |  <p>345 (L) ×248 (W) ×215(H) mm<sup>3</sup>, 10.5kg</p> |

1 Any power level can be selected in this range.

2 Output power adjustable 10-100%; RS232 control optional.

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