

MDL-HD-405/3-20W

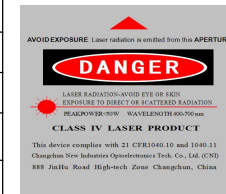
VIOLET DIODE LASER AT 405nm

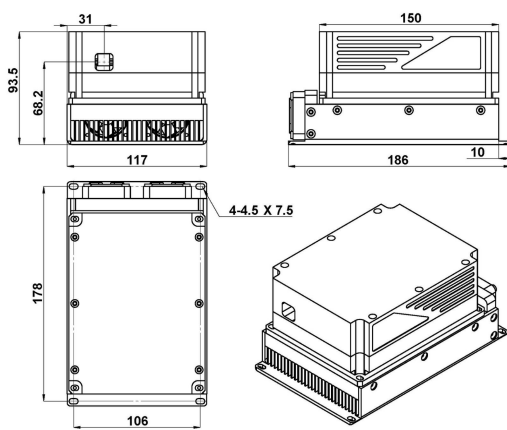
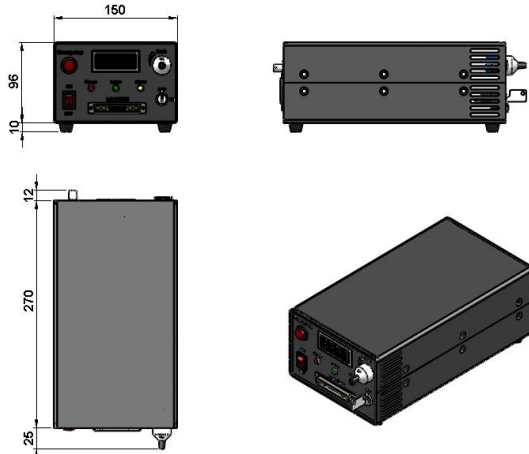
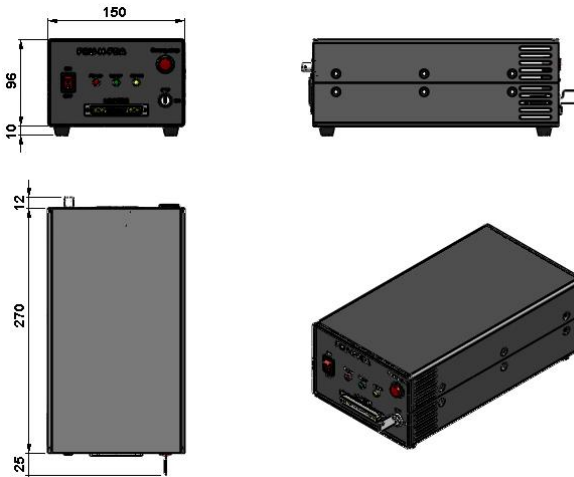
It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in measurement, communication, spectrum analysis.



SPECIFICATIONS

| | |
|-------------------------------------|--|
| Central wavelength (nm) | 405±5 |
| Operating mode | CW |
| Output power (mW) | >3000, 4000, ..., 20000 |
| Power stability (rms, over 4 hours) | <3%, <2%, <1% |
| Beam diameter at the aperture (mm) | ~8.0×5.0 |
| Beam divergence, full angle (mrad) | ~8.0×1.0 |
| Polarization direction | Horizontal+ Vertical |
| Warm-up time (minutes) | <5 |
| Operating temperature (°C) | 10-35 |
| Power supply (100-240VAC) | PSU-N-LED/ PSU-N-FDA |
| Modulation optional | TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional |
| Expected lifetime (hours) | 10000 |
| Warranty | 1 year |



| MDL-HD-405 | PSU-N-LED | PSU-N-FDA |
|---|--|---|
|  <p>186(L)×117(W)×93.5(H) mm³, 3.8kg</p> |  <p>307(L)×150(W)×106(H) mm³, 3.0 kg</p> |  <p>307(L)×150(W)×106(H) mm³, 3.0 kg</p> |