**EO-XS-228**/1-10mW

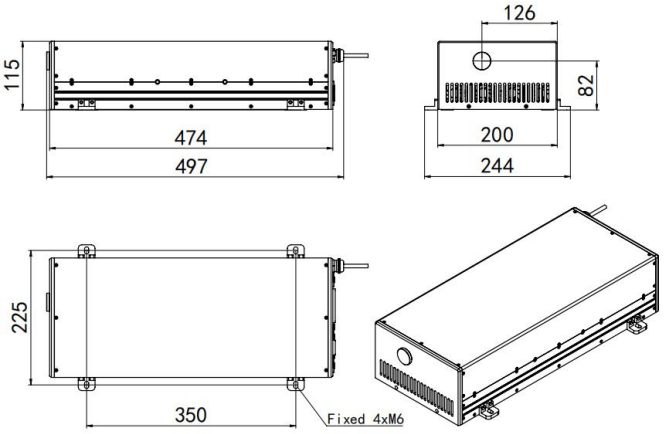
# LD PUMPED ALL-SOLID-STATE EOM Q-SWITCHED LASER AT 228 nm

All solid state EOM Q-switched laser at 228 nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, research and so on.

**SPECIFICATIONS**

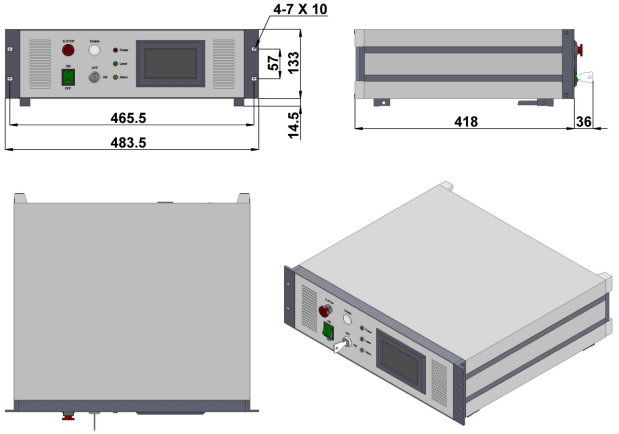
| | |
|---|---|
| Wavelength (nm) | 228±1 |
| Operating mode | Actively |
| Average power (mW)[1] | 1-10 |
| Single pulse energy (μJ) | 0.1-1 |
| Rep. rate (kHz) | 10 |
| Pulse duration (ns) | ~4 |
| Peak power (kW) | 0.025-0.25 |
| Ave power stability (rms, 4 hours±3℃) | <5%, <3% |
| Warm-up time (minutes) | <10 |
| Beam divergence, full angle (mrad) | <5 |
| Beam diameter at the aperture (1/e$^2$,mm) | <8 |
| Beam height from base plate (mm) | 82 |
| Cooled method | Air cooled |
| Operating temperature (℃) | 10~35 |
| Power supply (100-240VAC) | PSU-AOM (3U) |

## LASER HEAD




**497 (L)×244 (W) ×115(H) mm³, 8kg**

## POWER SUPPLY




**483.5 (L) ×454 (W) ×147.5 (H) mm³, 8.3 kg**

1 One fixed value between 1-10mW.