

AO-K-1202/10-700mW

LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER at 1202nm

All solid state Q-switched laser at 1202nm has the features of ultra compact, easy operating, which is widely used in micro-electronics, metrology and material processing ,laser medical treatment, scientific experiment, etc

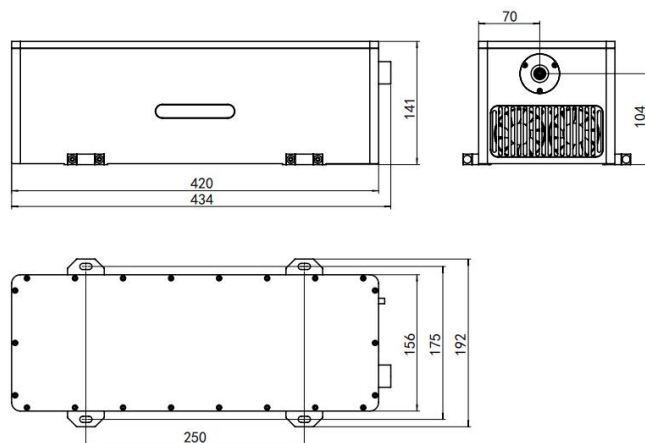


SPECIFICATIONS

Wavelength (nm)	1202±2
Operating mode	Actively
Average power (mW) ¹	10-700
Ave power stability rms, 4 hours±3°C)	<5%, <3%
Rep. rate	10kHz
Pulse duration (ns)	<25
Single pulse energy (μJ)	70
Peak power(KW)	2.8
Beam diameter at the aperture (1/e2,mm)	<3
Beam divergence, full angle (mrad)	<2
Beam height from base plate (mm)	104
Warm-up time (minutes)	<10
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-AOM (3U)
Expected lifetime (hours)	>10000

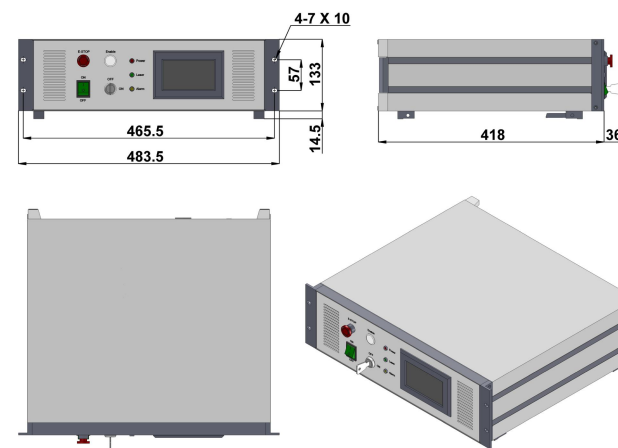


LASER HEAD



434 (L) × 192 (W) × 118 (H) mm³, 12 kg

POWER SUPPLY



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

¹ One fixed value between 10-700mW.

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