

AO-K-1177/10~700mW

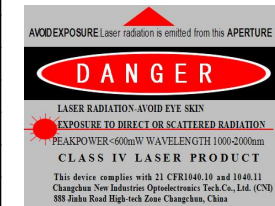
LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER at 1177nm

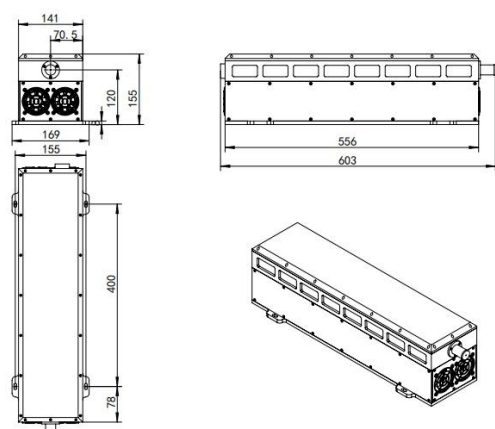
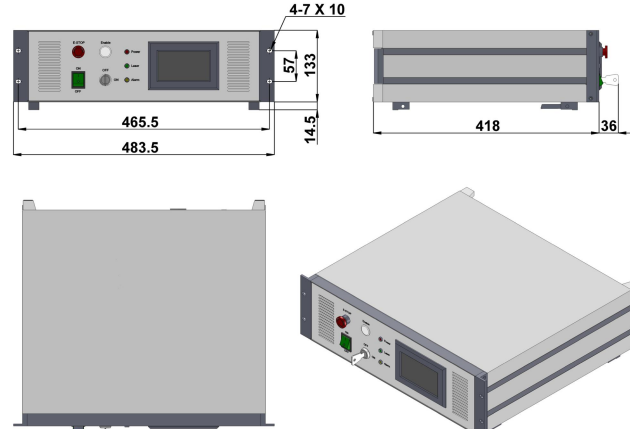
All solid state Q-switched laser at 1177nm has the features of ultra compact, easy operating, which is widely used in micro-electronics, metrology and material processing ,laser medical treatment, scientific experiment, etc.



SPECIFICATIONS

Central wavelength (nm)	1177±2
Operating mode	Acousto-Optic Q-switched
Average power (mW)	10~700
Rep. rate (kHz)	10
Pulse duration (ns)	<15
Single pulse energy (μJ)	70
Peak power(KW)	4.6
Beam diameter at the aperture (1/e2,mm)	<3
Beam divergence, full angle (mrad)	<2
Power stability (rms, over 4 hours)	<3%, <5%
Beam height from base plate (mm)	120
Warm-up time (minutes)	<10
Power supply	PSU-AOM (3U)
Expected lifetime (hours)	10000
Warranty period	1 year



AO-K-1177	PSU-AOM (3U)
 <p>603 (L) ×195(W) ×155(H) mm³, 12kg</p>	 <p>483.5 (L) ×454 (W) ×147.5 (H) mm³, 8.3 kg</p>