

AO-K-1177/10~700mW

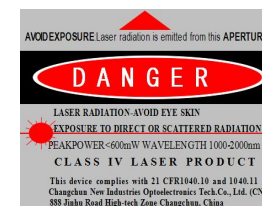
LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER at 1177nm

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> |