

EX50 High Pulse Rate Excimer Laser



SPECIFICATIONS

PARAMETER	F2	ArF	KrF	XeCl	XeF
Wavelength nm	157	193	248	308	351
Energy Max. mJ	2.5	35	50	22	20
Average Power W @ 250 Hz	0.5	5	10	5	5
Average Power W @ 500 Hz	1	10	20	10	10
Dynamic gas lifetime Pulses to 50% energy	15E6	25E6	35E6	30E6	30E6
Shelf life approx. to 50% energy	15 days	90 days	120 days	>1 year	120 Days
Repetition Rate	250/500/750/1000 Hz				
Pulse Length	17-20 nS				
Beam Size	9 x 4 mm V x H				
Stability	< 2% Standard Deviation				
Divergence	0.8 x 1.6 mRad V x H				
Cooling	Air 250,500 Hz / Water 1000 Hz				
Tube Service	>3 Billion Pulses				
Electrical Power	120 VAC, 5 Amp, 600 W				
Dimensions	78 x 43 x 34 cm				
Weight	48 kg				

FEATURES

- Powerful excimer laser
- 2nS Low trigger jitter
- Excellent pulse to pulse stability
- Long Gas Lifetime
- Long Life Optics
- Corona Pre-Ionization
- On-Board Vacuum Pump

APPLICATIONS

- Replacement Medical Lasers
- Ionization source
- Micromachining
- Precision Marking
- Refractive Surgery
- Raman spectroscopy



GAM Laser, Inc

7100 TPC Drive #200
Orlando, FL 32822

Phone: 407-851-8999
Fax: 407-850-0700
Email: Sales@gamlaser.com
Website: www.gamlaser.com



Made in USA