

EX10 Excimer Laser



SPECIFICATIONS

PARAMETER	ArF	KrF	XeCl	XeF
Wavelength nm	193	248	308	351
Energy Max. mJ	6	10	8	6
Peak Power, MW	0.85	1.43	1.14	0.85
Average Power W @ 300 Hz	1.8	3	2.4	1.8
Dynamic gas lifetime Pulses to 50% energy	12E6	18E6	20E6	15E6
Shelf life approx. to 50% energy	15 days	30 days	>3 months	30 Days
Repetition Rate	300 Hz			
Pulse Length	6-8 nS			
Beam Size	6 x 3 mm V x H			
Stability	< 3% Standard Deviation			
Divergence	2 x 1 mRad V x H			
Cooling	Air			
Tube Service	2 Billion Pulses			
Electrical Power	120 VAC, 5 Amp, 600 W			
Dimensions	13in x 7in x 7in			
Weight	8 kg			

FEATURES

- Powerful excimer laser
- 2nS low trigger jitter
- Excellent pulse to pulse stability
- Long Gas Lifetime
- Long Life Optics
- Corona Preionization
- 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

