

# EX5A Mini Excimer Laser



## SPECIFICATIONS

PARAMETER	F2	ArF	KrF	XeCl	XeF
Wavelength nm	157	193	248	308	351
Energy Max. mJ	1.5	14	20	12	8
Peak Power, MW	0.3	2.0	2.5	1.25	0.8
Average Power W @ 250 Hz	0.3	3.0	5.0	2.5	1.4
Average Power W @ 500 Hz	0.5	6.0	8.0	4.0	2.5
Dynamic gas lifetime Pulses to 50% energy	10E6	12E6	18E6	20E6	15E6
Shelf life approx. to 50% energy	10 days	15 days	30 days	>2 months	30 Days
Repetition Rate	250/500/1000 Hz				
Pulse Length	8-10 nS				
Beam Size	6 x 3 mm V x H				
Stability	< 2% Standard Deviation				
Divergence	2 x 1 mRad V x H				
Cooling	Air				
Tube Service	~ 5 Billion Pulses				
Electrical Power	120 VAC, 5 Amp, 600 W				
Dimensions	47 x 25 x 25 cm				
Weight	15 kg				

## FEATURES

- Most powerful mini excimer laser
- Mini Compact package
- Ultra Low trigger jitter
- Excellent pulse to pulse stability
- Long Gas Lifetime
- Long Life Optics
- Corona Prelonization

## 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

