

EX5 Mini Excimer Laser



SPECIFICATIONS

PARAMETER	F2	ArF	KrF	XeCl	XeF
Wavelength nm	157	193	248	308	351
Energy Max. mJ	1.5	12	20	8	6
Peak Power, MW	0.25	1.75	2.5	1.0	0.75
Average Power W @ 250 Hz	0.4	2.5	4	1.4	1.3
Average Power W @ 500 Hz	0.65	5	8	2.5	2.4
Dynamic gas lifetime Pulses to 50% energy	10E7	12E6	18E6	20E6	15E6
Shelf life approx. to 50% energy	10 days	15 days	30 days	3 months	30 Days
Repetition Rate	250/500/1000 Hz				
Pulse Length	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	~ 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 Preionization

APPLICATIONS

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



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