

EX350 High Energy Excimer Laser



SPECIFICATIONS

PARAMETER	F2	ArF	KrF	XeCl	XeF
Wavelength nm	157	193	248	308	351
Energy Max. mJ	20	125	250	125	100
Average Power W @ 20 Hz	0.4	2.5	5	2.5	2
Average Power W @ 50 Hz	0.9	5	12	5	4.5
Shelf life approx. to 50% energy	10 days	20 days	30 days	4 months	30 days
Window Service	100E6				
Repetition Rate	20Hz and 50Hz				
Pulse Length	20-26 nS				
Beam Size	19 x 7 mm V x H				
Stability	< 2% Standard Deviation				
Divergence	3 x 1.2 mRad V x H				
Cooling	Air / Water				
Tube Service	> 1 Billion Pulses				
Electrical Power	20Hz 95-240 VAC, 3/6 A, 47/63 Hz 50Hz 208-240 VAC, 5/10A, 47/63 Hz				
Dimensions	780 x 430 x 400 mm				
Weight	50 kg				

FEATURES

- Most powerful excimer laser
- Ultra Low trigger jitter
- Excellent pulse to pulse stability
- Long Gas Lifetime
- Long Life Optics
- Corona Pre-ionization
- On-Board Vacuum Pump
- High Beam Quality

APPLICATIONS

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



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