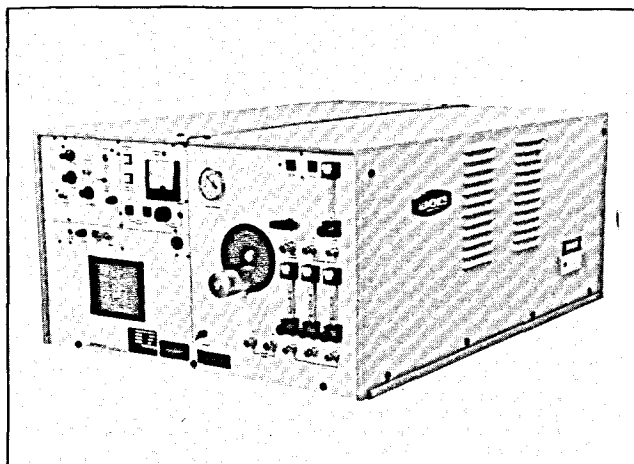
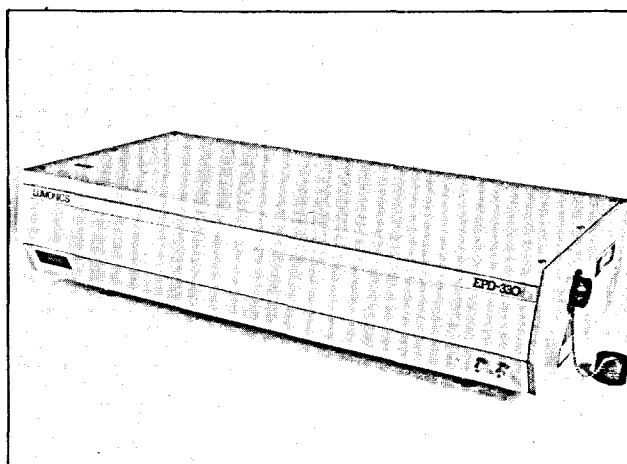




TEA.820 high average power CO₂ laser



EPD.330 excimer pumped pulsed dye laser

B. EXCIMER LASERS

Series	Gas	Wavelength (nm)	Pulse Energy (max) (mJ)	Pulse Rate (max) (pps)	Avg. Power (max) (W)	Comments
TE-860-3	F ₂	157	12	100	1.0	Various models and configurations available
	ArF	193	200	100	11	
	KrF	249	250	120	20	
	XeCl	308	160	500	12	
	N ₂	337	7	100	0.4	
	XeF	350	90	120	8	
TE-430	ArF	193	15	100	1.2	Low cost, nitrogen laser replacement. Various models available.
	KrF	249	40	100	5.5	
	XeCl	308	20	130	2.5	
	N ₂	337	1.5	100	0.125	
	XeF	350	10	100	1.0	
TE-290	KrF	249	1.5	1	—	High energy, large area beam. Uniform energy distribution
	XeCl	308	1.5	1	—	
	XeF	350	0.35	1	—	
TE-260-2	ArF	193	375	5	—	Two models available.
	KrF	249	325	5	—	
	XeCl	308	150	5	—	
	XeF	350	150	5	—	

C. EXCIMER PUMPED PULSED DYE LASERS

Series	Pump Wavelength (nm)	Tuning Range (nm)	Conversion Efficiency (%)	Pulse Rate (max) (pps)	Special Purity (%)	Comments
EPD-330	308 or 249	320-950 (fundamental) 217-330 (freq. doubled)	Up to 14%	Up to 500	99% (typical)	Wide range of options available.