

# OZONE GENERATOR PERFORMANCE TEST

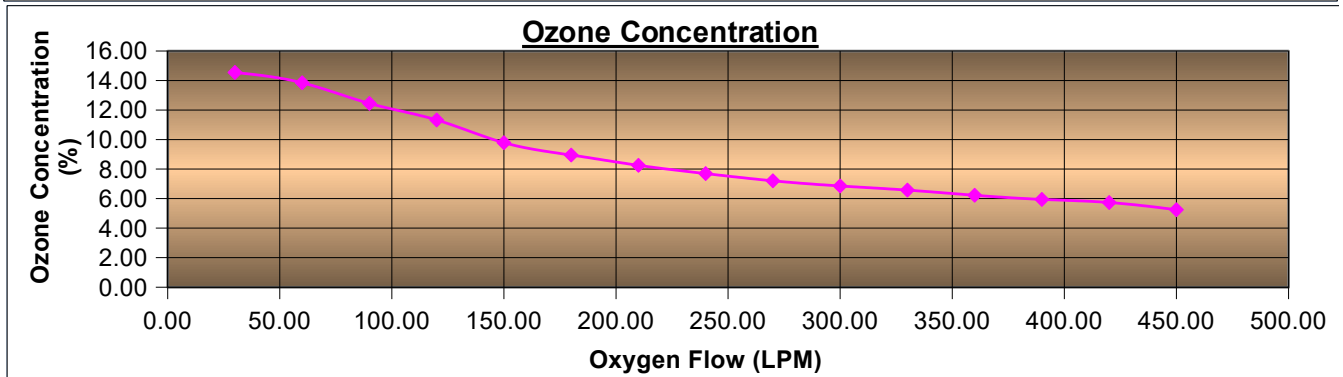
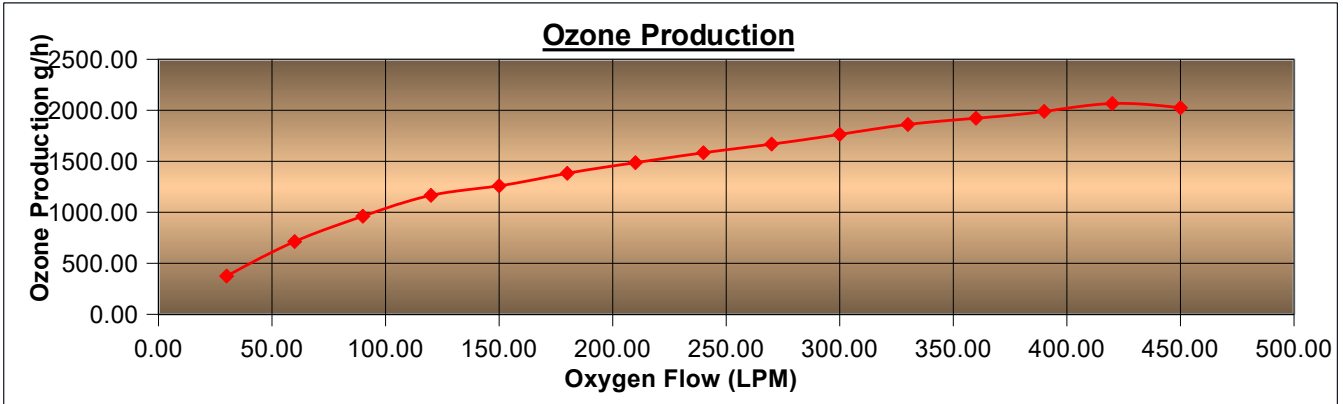
**Model: OXW-1.5k**

**Feed Gas : Oxygen +90% purity, -100 deg F dew point**

**Ozone Production @ 10% by weight = 1,248 g/hr (66 lb/day)**

**Ozone Production @ 8% by weight = 1,541 g/hr (81 lb/day)**

**Ozone Production @ 6% by weight = 1,914 g/hr (101 lb/day)**



O2 FLOW (SLPM) 90-92% O2	Oxygen Pressure (PSIG)	OZONE CONC. (g/Nm <sup>3</sup> )	OZONE PRODUCTION (g/h)	OZONE CONC. (%W-W)	COMMENT
30.00	20.00	208.00	374.40	14.55	
60.00	20.00	198.00	712.80	13.85	
90.00	20.00	178.00	961.20	12.45	
120.00	20.00	162.00	1166.40	11.33	
150.00	20.00	140.00	1260.00	9.79	
180.00	20.00	128.00	1382.40	8.95	
210.00	20.00	118.00	1486.80	8.25	
240.00	20.00	110.00	1584.00	7.69	
270.00	20.00	103.00	1668.60	7.20	
300.00	20.00	98.00	1764.00	6.85	
330.00	20.00	94.00	1861.20	6.57	
360.00	20.00	89.00	1922.40	6.22	
390.00	20.00	85.00	1989.00	5.94	
420.00	20.00	82.00	2066.40	5.73	
450.00	20.00	75.00	2025.00	5.24	

Ozone Analyzer UV-106H, cooling water 60F IN, 64F OUT