

EXAMPLE ONLY

Ozone Output Test Report

Feed Gas: Medical Grade Oxygen
Max. Pressure: 7 p.s.i.
Ozone Module: OL80 | 1K5 EXT | 22.24-25.27-48/7
Precision: +/- 5% from listed data
Response Time: 60 seconds to 90% of Nominal Output
3 minutes to 95% of Nominal Output
5 minutes to 100% of Nominal Output

Date: Apr 25th, 2004
Temperature: 21°C
Bar. Pressure: 100.1 kPa
Model: OL80 unit(s)
Serial #: OL80Test
File: OL80Test.XLS

Ozone Output in [$\mu\text{g/ml}$] or [1mg/l] or [gr/m3]

OXYGEN FLOW		OZONE CONCENTRATION REGULATOR SETTING									
[LPM]	[ml/min]	1	2	3	4	5	6	7	8	9	10
1/32	31	19	57	84	111	125	139	145	151	156	161
1/16	62	10	32	51	69	84	98	108	117	124	131
1/8	125	5	17	29	41	52	62	71	79	86	93
1/4	250	3	9	13	16	23	30	37	43	50	57
1/2	500	1	4	8	11	15	18	22	25	29	33
3/4	750	1	3	6	8	10	12	15	17	20	23
1	1000	1	2	4	6	8	9	11	13	15	17

Ozone Output in [% by weight]

OXYGEN FLOW		OZONE CONCENTRATION REGULATOR SETTING									
[LPM]	[ml/min]	1	2	3	4	5	6	7	8	9	10
1/32	31	1.3	4.0	5.9	7.8	8.7	9.7	10.1	10.6	10.9	11.3
1/16	62	0.7	2.2	3.5	4.8	5.8	6.9	7.5	8.2	8.7	9.2
1/8	125	0.3	1.2	2.0	2.9	3.6	4.3	4.9	5.5	6.0	6.5
1/4	250	0.2	0.6	0.9	1.1	1.6	2.1	2.6	3.0	3.5	4.0
1/2	500	0.1	0.3	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.3
3/4	750	0.1	0.2	0.4	0.6	0.7	0.8	1.0	1.2	1.4	1.6
1	1000	0.1	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.2

Ozone Output in [mg/hr]

OXYGEN FLOW		OZONE CONCENTRATION REGULATOR SETTING									
[LPM]	[ml/min]	1	2	3	4	5	6	7	8	9	10
1/32	31	35	106	156	206	233	259	270	281	290	299
1/16	62	37	119	188	257	311	365	400	435	461	487
1/8	125	38	128	218	308	386	465	529	593	645	698
1/4	250	45	135	188	240	345	450	548	645	750	855
1/2	500	30	120	225	330	435	540	645	750	870	990
3/4	750	45	135	248	360	450	540	653	765	900	1035
1	1000	60	120	240	360	450	540	660	780	900	1020

Test: Concentration regulator setting - #1, #2, #4, #6, #8, #10 with flow from 1/32 to 1 LPM

Estimate: Concentration regulator setting - #3, #5, #7 & #9