

EXAMPLE ONLY

Ozone Output Test Report

Feed Gas: Medical Grade Oxygen
Max. Pressure: 7 p.s.i.
Ozone Module: 2x 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: Jan 30th, 2004
Temperature: 21°C
Bar. Pressure: 100.1 kPa
Model: OL100 unit(s)
Serial #: OL100 Test
File: OL100Test.XLS

Ozone Output in [µg/ml] or [1mg/l] or [gr/m3]

OXYGEN FLOW		MODULE "B" - SETTING # "0"									
		MODULE "A" - OZONE CONCENTRATION REGULATOR SETTING									
[LPM]	[ml/min]	1	2	3	4	5	6	7	8	9	10
1/32	31	18	53	78	102	118	133	142	151	158	164
1/16	62	8	27	45	63	77	91	102	113	123	132
1/8	125	4	15	27	38	48	57	66	75	85	94
1/4	250	2	8	15	21	27	33	40	46	53	60
1/2	500	1	4	8	11	15	18	22	26	31	35
3/4	750	1	3	6	8	10	12	15	17	21	24
1	1000	1	2	4	6	8	9	11	13	16	18

Ozone Output in [µg/ml] or [1mg/l] or [gr/m3]

OXYGEN FLOW		MODULE "A" - SETTING # "0"									
		MODULE "B" - OZONE CONCENTRATION REGULATOR SETTING									
[LPM]	[ml/min]	1	2	3	4	5	6	7	8	9	10
1/32	31	20	57	83	108	123	138	147	156	162	168
1/16	62	9	29	48	66	80	94	105	116	127	137
1/8	125	5	16	28	39	49	59	68	77	87	96
1/4	250	2	9	16	23	30	36	42	48	55	62
1/2	500	1	5	9	13	17	20	24	28	33	37
3/4	750	1	3	6	8	11	14	17	19	22	25
1	1000	1	2	4	6	8	10	12	14	17	19

Ozone Output in [µg/ml] or [1mg/l] or [gr/m3]

OXYGEN FLOW		MODULE "B" - SETTING # "10"									
		MODULE "A" - OZONE CONCENTRATION REGULATOR SETTING									
[LPM]	[ml/min]	1	2	3	4	5	6	7	8	9	10
1/32	31	177	177	178	179	180	180	181	182	183	183
1/16	62	144	147	151	154	158	162	165	168	171	174
1/8	125	104	108	113	118	123	127	131	135	140	144
1/4	250	65	68	72	76	80	83	87	91	96	100
1/2	500	38	41	44	46	49	51	54	56	60	63
3/4	750	27	28	30	32	34	36	38	39	42	44
1	1000	20	21	23	24	26	27	29	30	32	34

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

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Bar. Pressure: 100.1 kPa
Model: OL100 unit(s)
Serial #: OL100 Test
File: OL100Test.XLS

Ozone Output in [µg/ml] or [1mg/l] or [gr/m3]

OXYGEN FLOW		MODULE "B" - SETTING # "10"									
		MODULE "A" - OZONE CONCENTRATION REGULATOR SETTING									
[LPM]	[ml/min]	1	2	3	4	5	6	7	8	9	10
1/32	31	177	177	178	179	180	180	181	182	183	183
1/16	62	144	147	151	154	158	162	165	168	171	174
1/8	125	104	108	113	118	123	127	131	135	140	144
1/4	250	65	68	72	76	80	83	87	91	96	100
1/2	500	38	41	44	46	49	51	54	56	60	63
3/4	750	27	28	30	32	34	36	38	39	42	44
1	1000	20	21	23	24	26	27	29	30	32	34

Ozone Output in [% by weight]

OXYGEN FLOW		MODULE "B" - SETTING # "10"									
		MODULE "A" - OZONE CONCENTRATION REGULATOR SETTING									
[LPM]	[ml/min]	1	2	3	4	5	6	7	8	9	10
1/32	31	12.4	12.4	12.4	12.5	12.6	12.6	12.7	12.7	12.8	12.8
1/16	62	10.1	10.3	10.5	10.8	11.0	11.3	11.5	11.7	12.0	12.2
1/8	125	7.3	7.6	7.9	8.3	8.6	8.9	9.2	9.4	9.8	10.1
1/4	250	4.5	4.8	5.0	5.3	5.6	5.8	6.1	6.4	6.7	7.0
1/2	500	2.7	2.9	3.0	3.2	3.4	3.6	3.7	3.9	4.2	4.4
3/4	750	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.9	3.1
1	1000	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.4

Ozone Output in [mg/hr]

OXYGEN FLOW		MODULE "B" - SETTING # "10"									
		MODULE "A" - OZONE CONCENTRATION REGULATOR SETTING									
[LPM]	[ml/min]	1	2	3	4	5	6	7	8	9	10
1/32	31	329	329	331	333	334	335	337	339	339	340
1/16	62	536	547	560	573	588	603	614	625	636	647
1/8	125	780	810	848	885	919	953	983	1013	1046	1080
1/4	250	975	1020	1080	1140	1193	1245	1305	1365	1433	1500
1/2	500	1140	1230	1305	1380	1455	1530	1605	1680	1785	1890
3/4	750	1215	1260	1350	1440	1530	1620	1688	1755	1868	1980
1	1000	1200	1260	1350	1440	1530	1620	1710	1800	1920	2040

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