

## Personal Oxygen Concentrators

	SeQual Eclipse 2	DeVilbiss iGo	Invacare SOLO2	OxLife Independence	Respironics EverGo	Invacare XPO2	Inogen One	Airsep Freestyle	Airsep Lifestyle	Delphi Medical RS-00400
<b>Continuous settings</b>	.5 to 3.0 LPM	1.0 to 3.0 LPM	.5 to 3.0 LPM	1-3 LPM						
Minimum delivery	.5 LPM	1.0 LPM	.5 LPM							
Battery life	4.4 hours	4 hours	4.5 hours							
Average delivery	2 LPM	2 LPM	2.0 LPM							
Battery life	1.8 hours	2.4 hours	2.5 hours							
Maximum delivery	3 LPM	3 LPM	3.0 LPM	3 LPM						
Battery Life	1.3 hours	1.6 hours	1.5 hours	1 Hour						
<b>Pulse settings</b>	.5 to 6.0 (0.5 increments)	1.0 to 6.0	1 to 5	1 to 6	1 to 6	1 to 5	1 to 5 plus a "satellite" setting	1 to 3	1 to 5	1 to 5
Minimum delivery at	setting 1	setting 1	setting 1	setting 1	setting 1	setting 1	setting 1	setting 1		
Oxygen output	16 ml	16 ml	16 ml	16 ml	12 ml	13 ml	7.5 ml			
Battery life	5 hours	6 hours	4.5 hours	4.5 hours	5 hours - per battery	3 hours	3 hours	3.5 hours	50 minutes (3.25 hours with 3 batteries in powerpack)	
Average delivery at	setting 2	setting 2	setting 2	setting 2	setting 2	setting 2	setting 2	setting 2	setting 2	setting 2
Oxygen output	32 ml	32 ml	32 ml	32 ml	23 ml	23 ml	15 ml			
Battery life	3.5 hours	4.8 hours	3.5 hours	3 hours	4 hours - per battery	2.5 hours	2.5 hours	2.5 hours		3 hours at 15 BPM
Maximum delivery at	setting 6	setting 6	setting 6	setting 6	setting 6	setting 5	setting 6	setting 3		
Oxygen output	96 ml	96 ml	80 ml	96 ml	52 ml	58 ml	37 ml			
Battery Life	1.8 hours	3 hours	2.5 hours	1.8 hours	2 hours - per battery	1 hours	1 hours	2 hours		
<b>Weight</b>	14.5 lbs	15.5 pounds	17 pounds	11.85 pound				4.4 pounds	9.75 pounds	
1 battery	18 pounds	19 pounds	19.9 pounds	14.85 pounds				5.8 pounds		9.8 pounds
1 battery & shoulder bag					8.5 pounds	6 pounds	12 pounds			
1 battery & cart	19 pounds	20 pounds	22 pounds	17 pounds	12 pounds	10 pounds	13 pounds			
2 battery & shoulder bag					9.9 pounds	7.5 pounds				
<b>Size</b> (Height X Width X Depth)	18H - 12.3W - 7.1 D	15H - 11W - 8D	16.55H - 11W - 8 D	12H - 8W - 8D	8.5H - 12W - 6D	10H - 7W - 4D	12.4H - 11.6W - 6D	8.6H - 6.1W - 36 D	5.5H - 7.25W - 16.31 D	7.4W - 4.6 - 11.6H
<b>Sound level</b>	40 dB @ 3.0 pulse - 48dB @ 3.0 LP continuous	38 - 40 dBa	35 - 42 dBa	41 - 44 dBa	42 - 44 dBa	44 - 46 dBa	37 - 40 dBa	38 - 44 dBa	50 dBa	
<b>FAA Approval</b>	Yes	see note #2	see note #2	see note #2	Yes	Yes	Yes	Yes	Yes	Yes
<b>Maximum altitude</b> (see note #1)	13,123 ft	13,123 ft	10,000ft	10,000 ft	8,000 ft	10,000 ft	10,000 ft	12,000 ft	12,000 ft	
<b>Oxygen concentration</b>	90% ± 3%	91% ± 3%	87 - 95.6%	90% + 3%	90% ± 3%	90% ± 3%	90% ± 3%	90% ± 3%	90% ± 3%	90% ± 3%
<b>Oxygen output pressure</b>	5.0 psig		12.0 psig	4 psi	3 psi					
<b>Maximum Hose length</b> (see note #3)	7 P 50C	35P 50 C	7 P 25C							
<b>Maximum oxygen capacity</b>	3,000 ml / minute		3,000 ml/minute		1050 ml/minute	900 ml/minute	750 ml/minute			925 ml/minute sustained - 1200ml for short periods
<b>Maximum Breaths /minute</b>	40		35	30						30

Notes:

- #1 - Airplanes are pressurized to 8,000 to 10,000 ft.
- #2 - Approval expected in the fall of 2009
- #3 - P = on pulse settings --- C = on Continuous setting

[www.PortableOxygen.org](http://www.PortableOxygen.org)

A User's Perspective

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