



Concentrator Talk - February 10, 2022

#	Topic	Video Link
1	Introduction and Welcome	Link
2	I want to buy an oxygen analyzer for checking the purity of oxygen concentrators we have at our private hospital. Any recommendations from you guys on which one I should buy?	Link
3	I am working on a Yuwell 7F-5 oxygen concentrator. When I switch it on, it is able to display the elapsed time, and the green and the yellow LEDs illuminate, but it suddenly stops running just within a minute and makes continuous sound. What are the possible causes of the problem and how can I solve it?	Link
4	There are many oxygen concentrators of Chinese origin in the field, especially in East African countries. I never could find a service manual, Mails to the manufacturer remained unanswered. How should I tackle the problem?	Link
5	I am looking for an oxygen concentrator, which brand of an oxygen concentrator would you recommend?	Link
6	With continuous use, the inside of an oxygen concentrator accumulates dust, this dust can also accumulate inside the compressor. I am aware that an oxygen concentrator uses an oil free air compressor, what is the best way to clean a dusty compressor? Is it okay to use an alcohol based solution for cleaning?	Link
7	Are oxygen concentrator flow meters for different concentrator models with the same flow rate interchangeable?	Link
8	I am working on a 5LPM Devilbiss oxygen concentrator, I just refilled the sieve beds with new zeolite, and I wanted to do a pressure test before I do a purity test to make sure that the pressure at the outlet is within a recommended psi. Typically the ball in the flow metre has to drop down to the base of the flow metre if you close the patient outlet but in my scenario, whenever I put a pressure sensor on the patient outlet, the ball in the flow metre does not drop down to the base of the flow metre , and when i switch the concentrator off, the ball drops down to the base. What can be the problem and how can I fix it?	Link
9	Explanation of Double Wobble Compressors	Link
10	I have a Devilbiss 525 concentrator, when I switch it on it runs for a few seconds then the compressor relief valve pops, it stops after a few seconds then pops again, what might be the problem?	Link



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11	I have a DeVilbiss 515 oxygen concentrator that I have pulled out of the ward because it was malfunctioning. The concentrator was in the children's ward and it was continuously being used. The concentrator has been performing perfectly all this time but now whenever the concentrator runs continuously for 20 minutes, the unit begins to overheat. Then it shuts down after some time. I opened the unit up to see what's going on inside and I discovered that the fan was jamming when rotating. How can I solve this problem?	Link
12	When a gross particle filter(cabinet filter) has worn out or has been misplaced is it proper to use the concentrator without a gross particle gross particle filter?	Link
13	Note on gross particle filter for the DeVilbiss 525	Link
14	In some cases, when the gross particle filter has worn out people tend to use a mattress foam or a sofa foam as a replacement for the original gross particle filter. Is it right to use a sofa foam or a mattress foam as a replacement for the original gross particle filter?	Link