



Concentrator Talk - November 24, 2022

#	Topic	Video Link
1	Introduction and Welcome	Link
2	How can the compressor operating voltage be tested?	Link
3	I am a technician working on a Nutec oxygen concentrator. I found that the flowmeter ball is not going up as I keep on adjusting the flow metre knob. I did what I could to see if my connections were ok, and all connections seemed to be ok. What am I missing to get the concentrator working?	Link
4	Hello I am a biomedical technician at a certain organisation.I was working on devilbiss 515 oxygen concentrator and I noticed that the product tank was leaking,i was thinking of replacing the product tank with a product from devilbiss 525 oxygen concentrator. Can this be appropriate and how can it affect the performance of the oxygen concentrator?	Link
5	I am a Biomedical student in my second year of study. We are currently on holiday so I decided to learn more about different medical equipment and how they work. This week I have been researching Oxygen concentrators. I am having difficulties understanding how the compressor used in Oxygen concentrators work. Can someone help me understand how this component of an Oxygen concentrator works?	Link
6	I am a nurse at a certain district hospital. This week I was using a DeVilbiss 525 Oxygen concentrator to administer Oxygen therapy to a patient whose prescription was 5 LPM of Oxygen. I adjusted the flowmeter knob to the end. After a few minutes the Serviced required light was activated accompanied with an audible alarm. I decided to use an Airsep 10L concentrator which was not being used at the time and I took the DeVilbiss to the workshop. Later on the concentrator was brought back to the ward and they said nothing is wrong with the concentrator. What could have triggered the alarm?	Link
7	Troubleshooting and Fixing Common Problems in Oxygen Concentrators	Link
8	I was working on a Jay-5 concentrator that was brought to the workshop because of low purity. I refilled the sieve beds and was able to get a purity of 95.6%. But I have noted that the flow rate displayed on my analyser is different from the one set on the flowmeter. Is it okay to leave it like that since the purity is 95.6% or should I rectify the problem? If that is the case, what can cause this and how can I solve this problem?	Link
9	Hello, I am a biomedical technician at a certain hospital and I was working on a 10 liters airsep oxygen concentrator and I wanted to know about solenoid valve coil replacement. Can you explain more on how I can do this?	Link