



Oxygen Concentrator

Oxygen Concentrators are medical devices that deliver nearly pure oxygen through the nose via tubes. This equipment concentrates the oxygen from a gas supply, eliminates nitrogen, and thereby supplies an oxygen-rich product gas stream. Thus, it is a blessing for people suffering from respiratory disorders. It is a portable and cost-effective device widely used in hospitals.

In the portable oxygen concentrators, pulse dose and continuous flow are the two settings for receiving oxygen. The pulse dose mode which is used for the daytime delivers air via the cannula as you inhale. This type of oxygen concentrator are designed in a compact way and comes with a good battery life. However, the mode with continuous flow is capable of delivering regular air flow via the tubes.

Advantages of Oxygen Concentrators for COVID-19 Patients

One of the major issues that COVID-19 patients start facing is the inability to breathe properly. Therefore, oxygen concentrators can be helpful in providing best possible oxygen supportive care. A majority of the cases that are not very severe and do not require the help of ventilator support can be treated by the breathing therapy facilitated by oxygen concentrator. And, with the help of this medical device, a COVID-19 infected patient can take his/her oxygen therapy from the safety and comfort of their homes. Some other benefits of Oxygen Concentrators include improved physical exercise tolerance, improved quality of sleep, and enhanced mental alertness.

20K+ allocation monthly direct from the manufacturer

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Model Type:	DO2-5AH	LFY-I-5A;	LFY-I-10A;	DO2-PLUS-10A	LF-H-10A; (high pressure output)
Instrument Classification	Class II, Type B	Class II, Type B	Class II, Type B	Class II, Type BF	Class I, Type B
Flow Rate:	5L/Minute, float flowmeter;	5L/Minute, float flowmeter; two outlets	10L/Minute, float flowmeter; two outlets	10L/Minute, float flowmeter; two outlets optional	10L/Minute, float flowmeter;
Oxygen Purity:	≥93±3% all flow rates	≥93±3% all flow rates	≥93±3% all flow rates	≥93±3% all flow rates	≥93±3% all flow rates
Sound Level:	≤45dB(A)	≤50dB(A)	≤55dB(A)	≤55dB(A)	≤55dB(A)
Voltage/Frequency	220V/50Hz, 110V/50Hz, 230V/50Hz,	220V/50Hz, 110V/50Hz, 230V/50Hz,	220V/50Hz, 110V/50Hz, 230V/50Hz,	220V/50Hz, 110V/50Hz, 230V/50Hz,	220V/50Hz, 110V/50Hz, 230V/50Hz,
Power Consumption:	320W	450W	610VA	850W	1200VA
Working time:	24-hours non-stop	24-hours non-stop	24-hours non-stop	24-hours non-stop	24-hours non-stop
Warranty	10000 hours	10000 hours	10000 hours	10000 hours	10000 hours
Outlet Pressure:	0.03-0.07 Mpa	0.03-0.07 Mpa	0.03-0.07 Mpa	0.05-0.07 Mpa	0.32-0.42 Mpa
Working Temperature:	5°C-40°C	5°C-40°C	5°C-40°C	5°C-40°C	5°C-40°C
Machine Size:	430*320*620mm	410*410*640mm	410*410*640mm	400*340*620mm	640*340*656mm
Packing Size:	470*360*700 mm	495*475*730 mm	495*475*730 mm	495*475*730 mm	780*400*800 mm
Net Weight:	15.9kgs	28.5kgs	31kgs	28kgs	63kgs
Gross Weight:	20kgs	32kgs	34kgs	30kgs	77kgs
Accessories:	Nasal oxygen tube, connecting pipe, spare filter; humidifying cup	Nasal oxygen tube, connecting pipe, spare filter; humidifying cup	Nasal oxygen tube, connecting pipe, spare filter; humidifying cup	Nasal oxygen tube, connecting pipe, spare filter; humidifying cup	connecting pipe, spare filter
Certificate:	CE	CE, FDA	CE, FDA	No CE	CE