

Nidek Nuvo 10 Liter Oxygen Concentrator



Nidek Nuvo 10 Oxygen Concentrator provides oxygen 10 litres per minute to the patient requiring long term oxygen therapy. It is simple and easy to use and comes with patented RPSA technology. The rear panel allows easy access to filter, gauge and battery while its sleek design provides easy handling. This portable unit can be wheeled from room to room and can be fitted with a double outlet to split the flow so it can be used simultaneously with one line to an anesthetic machine and one line to a cage.

Why choose Nidek Lite Oxygen Concentrator?

- Metal Outlet Fitting Is More Durable
- Lockable Control Flow Valve
- Resettable Circuit Breaker.

Nidek 10 Liter Oxygen Concentrator Features

- Nidek Nuvo 10 Oxygen Concentrator provides oxygen up to 10 LPM (Liter Per Minute) to patients that require Long Term Oxygen Therapy (LTOT)
- Device is manufactured to provide a combination of reliable proven technology and ease of use
- Quiet operation with less than 48 dba
- Sleek design for easy handling
- Simple and easy to use
- Quick snap rear panel allows easy access to filter, gauge and battery
- Built on the reliable Nuvo platform
- Superior Grade of Molecular Sieve
- Easy Access to filter and hour meter
- Spring mounted high efficiency compressor

How To Operate Nidek Nuvo Concentrator?

- Use in direct oxygen therapy
- Ensure that the switch is in the O (OFF) position.
- For use without Humidifier Bottle connect the cannula directly to the concentrator oxygen product outlet. Simply slide the cannula over the oxygen outlet.
- If a Humidifier Bottle is prescribed: Unscrew the lid from the bottle and fill with water, per the humidifier bottle manufacturers recommendation. Re-attach the lid to the bottle and connect to the oxygen concentrator. Place the bottle on the concentrator and secure with the attachment straps Connect the clear plastic tube supplied to the Humidifier Bottle by use of the DISS fitting. Connect the other end of the tube to the oxygen outlet. Connect the cannula to the outlet on the Humidifier Lid.

Note: The tube between the cannula and the Mark 5 Nuvo Lite should be limited to 20 meters (60 feet) long.

- Ensure that all of the parts are connected correctly to avoid leaks. No Humidifier Bottle. This illustration shows the Cannula attached directly to the oxygen product outlet connection on the concentrator. This illustration shows the Humidifier Bottle in place. A tube is attached to the DISS fitting on the bottle lid and to the oxygen product outlet connection. The cannula is attached to the outlet on the bottle lid.
- Plug the power cable into a power outlet of the correct voltage and frequency as defined on the manufacturer technical label.
- Press the power switch (I/O) to the ON position (I). The green indicator light glows indicating power is available.

Note: the required oxygen concentration is normally obtained within five minutes after the unit is started.

- Turn the flow adjustment knob to the prescribed value. This knob may have already been locked in the medically prescribed position. In this case, do not force it. Only the technician or medical personnel are authorized to release it.
- **For the equipment supplier or medical staff:**
- The flow adjustment knob can be locked to limit it to a specific predetermined value.
- Check the oxygen flow out of the administration device (nasal cannula or other) by placing it near the surface of a glass of water. The flow should disturb the surface of the water
- Adjust the nasal cannula to suit your face 3.2 Turning off device At the end of the treatment, press the I/O Switch to place it in the O (OFF) position to stop the device. The oxygen riched air?ow continues for approximately one minute after the device is stopped.

- **Maintenance:**

- There is no ongoing maintenance required with the exception of a filter that needs to be checked and cleaned weekly. The unit comes with 2 filters so this is easy to undertake.

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Particulars	Specifications
Average Power Consumption	600W
Oxygen Concentration	90% (+5% / -3%) at 8 LPM
Liter Flow	2 to 8 LPM
Sound Level	48 dBA
Outlet Pressure	15 PSIG
Weight	55.5 lbs/ 25.2kg