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# OXYGEN CONCENTRATOR

MOST EFFECTIVE RESPIRATORY THERAPY

Model : OZ-5-01GW0

## USER MANUAL

Read this instruction manual carefully before use

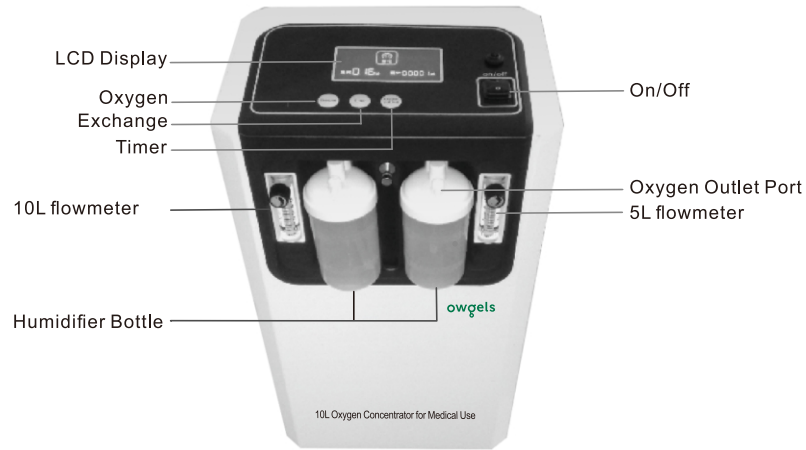


Community Service With Commerce

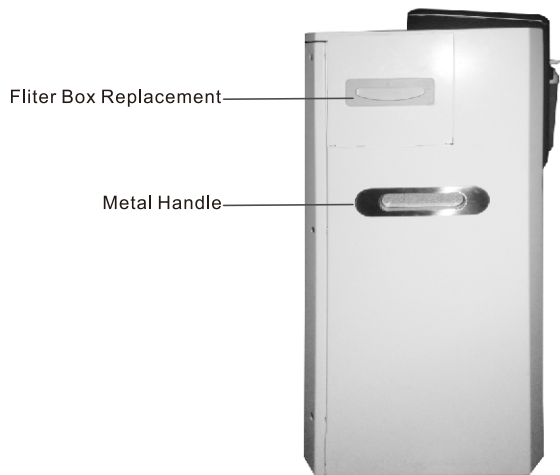
[www.covidsafeindia.com](http://www.covidsafeindia.com)

## 2. Product Description

### Front and Back of Concentrator

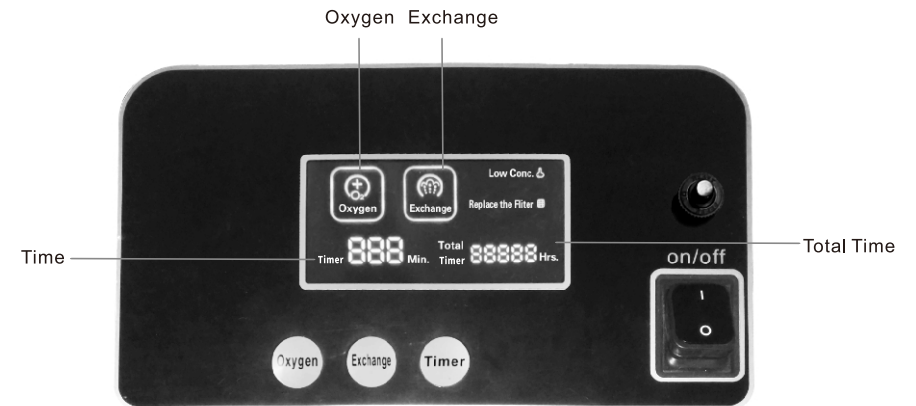


Front of Oxygen Concentrator



Left View

### Control Panel



### 3.Operation Instruction

#### Start Operation

Connect with power supply, press the power On/Off button to start the device operation, refer to Diagram 01. To stop the device, press the power On/Off button again.

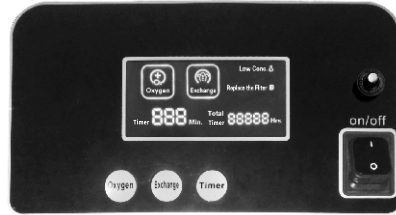


Diagram 01

#### Oxygen Production

●Press “Oxygen” Button, the device will delivery oxygen from left humidifier bottle which come with 0-10L flowmeter, the user can adjust it depend on their requirement.

●Press “Exchange” Button, the device will delivery oxygen from both humidifier bottles, left flowmeter can be adjustable from 0-5L(there is black line between 4-6, the black line is stand for 5L ), Right flowmeter can be adjustable from 0-5L too.

Note: When you want to exchange mode, you can press “Exchange” button directly, LCD screen will show ‘Oxygen’ and ‘Exchange’ light at the same time.



Diagram 02



Diagram 03

#### Timer Button

Use this button to set how long you want to do oxygen therapy each time. By default, there is no limitation of time, and it delivers oxygen without any stop unless you set how long you want to do oxygen therapy with every press of button time increases by 10 minutes.

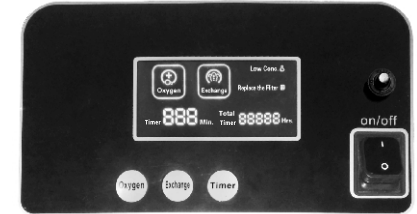


Diagram 04

#### Indicator Lights

There are 4 lights in all. When the concentrator is powered on, the right most green LED light will be luminous. When the oxygen purity drops below 82%, the second LED light from the left will turn yellow to cause an alarm to sound. When pressure failure, the first LED light from the left will turn yellow and an alarm will sound. When there is a power outage, the third LED light from the left will turn red and an alarm will sound.

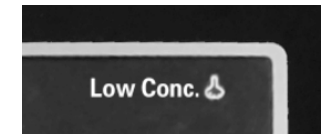


Diagram 05

### Oxygen Outlet Port

The oxygen outlet port is built in with a humidifier bottle. OZ-10-01TW0 comes with dual humidifier bottles supply. Each of them can be attach with a nasal cannula for oxygen intake. Refer to the diagram 06.

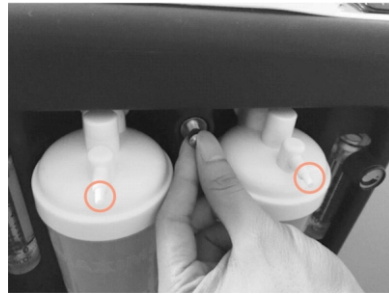


Diagram 06

### Adjustable Flowmeter

The oxygen production can be adjust by the build in flowmeter located at both sides next to the humidifier bottle.

Left flowmeter come with a measurement of 10L/min, Right Flowmeter come with a measurement of 5L/min. Refer to Diagram 07



Diagram 07

### Users Operation

Proper installation of your nasal cannula for oxygen intake and to attached the atomized mouth piece for your nebulizer requirement is important to ensure your best comfortability and experiences. Oxygen concentrator usually takes about 120 secs to give better performance after started.



### Alarm System

The machine consist of alarm system, during low oxygen concentration and sudden power outage, the LED light on top of the display panel will blink with sound.

Status	Condition	Indication	Solution
Power Supply	in working condition	blue LED lights up	--
	sudden outage	sound and red LED light	close machine, ask for support
Low Oxygen	equal or lower than 82%	sound and red LED light	close machine, ask for support

## 4. General Instructions

### 1. Place the concentrator in a well ventilated location.

Air intake and exhaust must have clear access.



Avoid use of this device in presence of pollutants, smoke or fumes. Do not use this device in presence of flammable anesthetics, cleaning agents or other chemical vapors.



Do not obstruct air intake or exhaust when operating the device. Blockage of air circulation or proximity to a heat source may lead to internal heat build up and shutdown or damage the concentrator.

### 2. Ensure both particle filters are in place.



Do not operate the device without both particle filters in place. Particles drawn into the system may damage the device.

### 3. Install the humidifier bottle.

The humidifier bottle includes a cup and onto it, a cap, with two ports, one connected to the concentrator and the other, the oxygen outlet port.

By default, the cap screwed onto the cup properly is inserted into position when you receive the concentrator. Before operating this concentrator, please extract it from the concentrator, and screw out the cup from the cap, and fill it with distilled or purified water to a level between the lines marked with “MAX” and “MIN” and screw the cup with filled water back into the cap, and insert the humidifier bottle as a whole into the concentrator.



Make sure the bottle has been screwed tightly before starting the device. Leakage of oxygen may happen if it has not been screwed back tightly.



If it is the first time you want to use the bottle, the bottle and the cap should be put into a liquid mixed with 1 part white vinegar and 3 parts water and get them submersed for 30 minutes. Clean them again with purified water till there is no residue of that liquid.

### 4. Connect the power supply



Connect the AC power output plug to an electrical outlet. Ensure the power supply is in a well ventilated location as it relies on air circulation for heat dissipation. The power supply may become hot during operation. Make sure the power supply cools down before handling.



Do not disassemble the power supply. This may lead to component failure and /or safety risk.



Do not place anything in the power supply port other than the supplied wall cord. Avoid the use of electrical extension cords with the concentrator. If an extension cord must be used, please consult your equipment provider.

### 5. Connect the nasal cannula tubing to the oxygen outlet port.

The oxygen outlet port is located on the top of the concentrator. Use of a single cannula going with this concentrator is recommended to avoid restriction of oxygen delivery.



The cannula before used the first time, should be submersed into a liquid mixed with 1 part white vinegar and 3 parts water for 30 minutes, and get them cleaned with water till there is no residue of this liquid.

### 5.1 Power the concentrator on by turning on the switch, and press the “Oxygen” button to start oxygen delivery.

The rightmost light and the display will be illuminated after the concentrator is powered on.

### 5.2. Set the concentrator to the flow prescribed by your physician.

Rotate the knob on top of the flow meter to set the flow as prescribed by your physician or doctor.

### 5.3. Position the nasal cannula on your face and breathe through your nose.

Please place the nasal cannula over your ears, and position the two prongs of the nasal cannula into your nose and start oxygen therapy.

### 5.4. Turn off the concentrator

After each oxygen therapy, please press the “Oxygen” button to stop oxygen delivery and turn off the switch to power the concentrator off. Remove the cannula and keep it well for next time use.

**Notes:** This device is designed to have an additional function, atomization. Before using it as a nebulizer, do make sure that oxygen delivery is not in progress. Following the below steps to get your medication atomized.

1. Connect the power outlet plug to the power supply.
2. Turn on the switch and get the concentrator powered on.
3. Connect one end of the atomizing tubing to the atomization nozzle and the other end of the it to the bottle of the atomizing cup.

4. Inject medication into the cup and connect the cup to the adapter.
5. Connect the other end of the adapter to a mouth piece or a mask.
6. Put the mouth piece in your mouth or wear the mask over your face.
7. Press the “Atomization” button. The atomizing process will be started 6 seconds after the button is pressed.
8. When finishing using this function, please press the “Atomization” button and turn off the switch.
9. Remove the tubing, the cup, the mask or the mouth piece and keep them well for next time use.

## 5. Cleaning, Care and Maintenance

### Cannula Replacement

Your nasal cannula should be replaced on a regular basis. Consult your physician and /or equipment provider for replacement information. This cannula is recommended to ensure oxygen delivery.



Use of a cannula other than the one with this concentrator may restrict oxygen delivery.

### Case Cleaning

You may clean the outside case using a cloth dampened with a mild liquid detergent and water.



Disconnect the power cord from electric outlet before you clean the device to prevent accidental electric shock and burn hazard. Only your equipment provider or a qualified service technician should remove the covers or service the device.



Do not use cleaning agents other than those specified in this user manual. Do not use alcohol, Isopropyl alcohol, ethylene chloride or petroleum based cleaners on the cases or on the particle filters.

### Filter Replacement

Filter can be replaced from the left side panel opening. Please put new filter box to replace the old one. Take note that to determine environment is dusty, hazy, you should change the filter not for than two months. Do not use the device when no filter is inside.



### Disposal of Equipment and Accessories

Please dispose of the replaceable parts properly as per the government disposal norms.

## 6. Product Specifications

Flow Specifications	Total 10 LPM (Dual 5 LPM each)
Oxygen Concentration	≧ 90% +/- 3%
Oxygen Output Pressure	0.05MPA
Electrical Requirements	Please see back panel label
Power Consumption	750 watts
Average Noise Level	≧ 53 dB(A)
Dimensions (mm)	325*350*670mm
Weight	45kgs
Operating Temperature	3 °C to 40 °C
Storage Temperature	-10 °C to 40 °C
Relative Humidity	up to 80% RH

### Packing and Accessories List

No	Name	Quantity
01	OZ-5-01GW0	1 unit
02	User manual	1 book
03	Humidifier bottle	2 pieces
04	Nasal cannula	2 pieces
05	Filter box	2 pieces
06	Power sticker	1 piece



The accessories listed below are recommended for use with this device. The use of any other accessories which are not specified for use with this device may reduce performance and void manufacturer's warranty.