

POC-03C

OXYGEN CONCENTRATOR

USER'S MANUAL



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Introduction

Thank you for purchasing our product POC-03C oxygen Concentrator! This unit is a device that produces a normal 3 liter per minute (LPM) 90% purity oxygen. The device plugs into a standard wall outlet and can be used most everywhere.

This User's manual will acquaint you with POC-03C oxygen Concentrator. Should you have any question, your equipment provider will be happy to answer them for you. Make sure read and understand all the information contained in this guide before you operate you unit.

Important Safety Rules

When using electrical products, especially when children are present, basic safety precautions should always be followed. Read all instructions before using.

Important information is highlighted by these terms:

DANGER

Urgent safety information for hazards that will cause serious injury or death.

WARNING

Important safety information for hazards that might cause serious injury.

CAUTION

Information for preventing damage to the product.

NOTE

Information to which you should pay special attention.

DANGER

To reduce the risk of serious or fatal injury from electrical shock:

1. Do not use while bathing.
2. Do not place the product where can be splashed liquid or fall into bathtub, water or other liquid.
3. In the event of unit falling into water, do not reach for the unit, unplug immediately send it to dealer or our authorized service center for examination or repair.

WARNING

1. Check the electric rating in the unit label and wall outlet before connecting power cord.
2. Keep all electrical cords away from heated surfaces.
3. Do not operate this unit if it:
 - has been dropped or knocked heavy.
 - has been splashed liquid.
 - has a damaged cord or plug.
 - is not working properly

WARNING

This device manufactures high levels of oxygen, which promotes rapid burning. Do not allow smoking or open flames within 5 feet of: (1) this device or (2) any oxygen carrying accessory. Use no oil, grease, or petroleum-based products on or near the unit. Disconnect the power cord from the electrical outlet before your clean or service the unit.

WARNING

If this unit is turned on but not in use ,do not leave the Headset under covering or chair cushions. The oxygen will make the material flammable. Set the on/off power switch to the off position when the Oxygen Concentrator is not in use.

WARNING

Electrical shock hazard. Do not remove cover! Only your dealer or our authorized technician should remove the cover.

⚠ WARNING

Do not use extension cords with this unit. Do not overload wall outlets.

⚠ CAUTION

DO not block the ventilation port located on the side of unit.

Getting Start

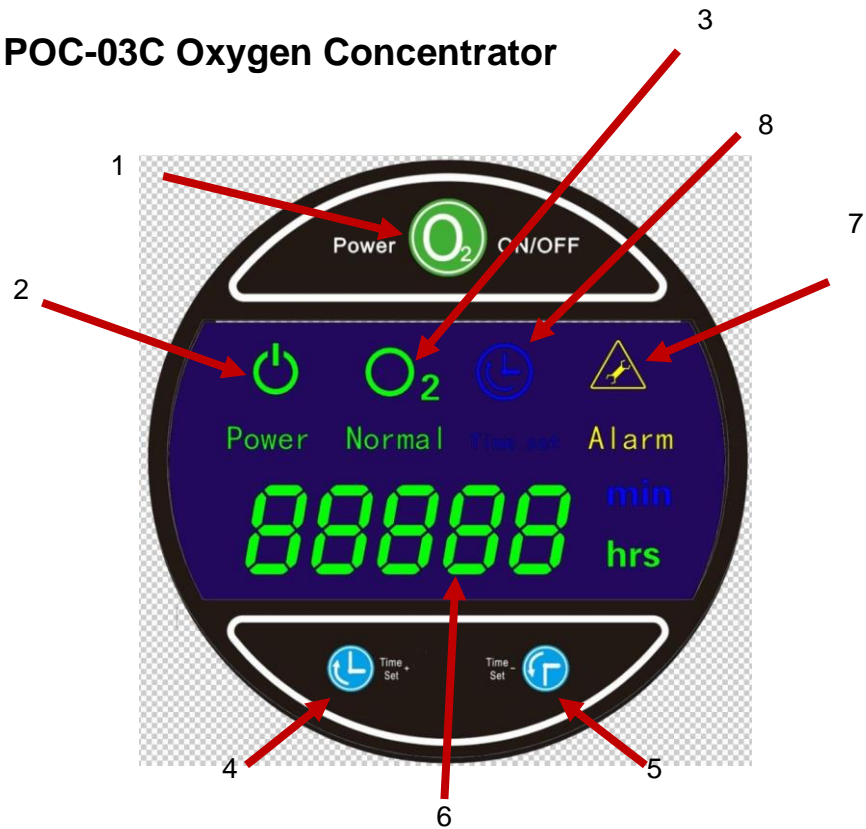
1. LED Monitor and button
2. Oxygen outlet
3. Flow Meter
4. Handle
5. Oxygen outlet pipe
6. Humidifier



Recommend to keep an extra piece of Cabinet Filter and Air Intake Filter on hand at all time. It will be convenient if Filters become soiled and have to be replaced.

POC-03C Oxygen Concentrator

1. O₂ On/Off Button
2. Power supply indicator
3. Working status indicator
4. Time set+
5. Time set-
6. Cumulative time
7. Temperature alarm
8. Timer indicator



How to Operate Your POC-03C Oxygen Concentrator

⚠ WARNING

The top flow rate is 5LPM, do not over 5LPM, for medical usage, the top rate is 3LPM with over 90% oxygen purity.

1. Familiarize yourself with this unit.
2. Place unit on a stable flat surface which is clean and free of dust.
3. Plug power cord into electrical outlet.

⚠ NOTE

Before attempting to start a cold unit, let the unit reach room temperature in a heated area.

4. Connecting all the pipes and the humidifier at the right way (see picture 1)
5. Adjust the flow rate at the right level as you need, please inquire your doctor. (see picture 2)



picture 1



picture 2

6. Press the O₂ On/Off button start the unit, then the power supply indicator turn on and you can hear an alarm sound, after 10s, the machine can work properly.
7. Set the running time by pressing the Time set +- Button as following.
 - A. Press the Button Time set + first time that can increase running times .
 - B. Press the Button Time set - first time that can decrease running times .You can set the timer at 30 minutes, 1,2,4,6,8 hours.
- 8.The machine have self temperture protection function, if the temperture over 55°C, Unit will stop automatically.
- 9.The Unit will not be used in a period of time,remove the power cord from electrical outlet.
- 10.Please wait at least 10 minutes after your first usage to start the machine again.

Maintenance

DANGER

Electrical shock hazard.

Do not attempt to open or remove cabinet. If service is required, return unit to a qualified equipment provider or an authorized service center. Opening or tampering with the unit will void warranty.

DANGER

Electrical shock hazard.

Turn off the Unit and remove the Power Cord before maintenance.

Clean the Cabinet

1. Disconnect the Oxygen Concentrator Unit from all external power sources.
2. Wipe the cabinet with a clean cloth and any commercial (bacterial-germicidal) disinfectant.
- 3.

Intake Filter Change

Every 800 hours of running time, please check the air filter, or change it when it is black.

- a. Disconnect the Oxygen Concentrator Unit from all external power sources.
- b. Open the Air Intake Cover .
- c. Take out the Air Filter.
- d. Replace a new Air Filter.
- e. Replace the intake Filter Cover.
- f. Change Air Intake Filter every half years.

Clean the humidifier

- a. wash the humidifier separately in hot water with disinfectant.
- b. Immerse the humidifier parts into the 1:3 white vinegar and hot water liquid for 30 minutes
- c. Clean the humidifier parts with the clean water

TROUBLESHOOTING

Symptom	Possible Cause	Remedy
A. Unit does not operate. Power supply indicator is off when the power switch is "on ."Audible alarm is pulsing	1. Power cord not properly inserted into wall outlet.	Check power connection at the wall outlet. On 220 v/110V olt units, check the back of the unit.
	2. No power at wall outlet.	Check your home circuit breaker and reset if necessary. Use a different wall outlet if the situation occurs again.
B. Unit operates; the Power supply indicator is on but audible alarm may be sounding.	1. Air filter is blocked.	Check the air filter. If the filter is dirty, wash it or change it .
	2. Exhaust is blocked.	Check the exhaust area; make sure there is nothing restricting the unit exhaust.
	3. Blocked or defective cannula, catheter, face mask or oxygen tubing.	Detach cannula, catheter, or face mask .If proper flow is restored, clean or replace if necessary. Disconnect the oxygen tubing at the oxygen outlet. If proper flow is restored, check oxygen tubing for obstructions or kinks. Replace if necessary

	4. Blocked or defective humidifier bottle.	Detach the humidifier from the oxygen outlet .If proper flow is obtained, clean or replace humidifier.
	5. Flow meter set too low.	Set flow meter to prescribed flow rate. If the above remedies do not work, contact your HINOR Medical provider
C. If any other problems occur with your oxygen concentrator.		Turn your unit "Off".Switch to your reserve oxygen system, and contact your HINOR Medical provider immediately.

SPECIFICATIONS

No.	Item	Rating
1	Delivery Rate (Lower delivery rates available for low application)	1 to 5 LPM
2	Outlet Pressure	8.5 psi (58.6 kpa)
3	Electrical Rating	220 V, 50 Hz/ 110V 60Hz
4	Oxygen Percentage	1~3 LPM 93%±2%
5	Operating Environment Range	Temperature 10°C to 35°C, Humidity 15% to 95% Atmospheric pressure 50~106 kpa (7.3~15.4 psi)
6	Weight	8kg
7	Sound Level (ISO 8359:1996 from front)	≤45dbA
8.	Dimensions	(L)375*(W)210* (H)333mm
9.	Operating System	Time Cycle / Pressure Swing
10.	Storage Conditions	Temperature -40°C to 70°C Humidity 10% t0 100% Atmospheric pressure 50~106 kpa (7.3~15.4 psi)

Warranty

One year limited warranty

The compressor portion of the POC-03C Oxygen Concentrator is warranted to be free from defective workmanship and materials for a period of one year from date of purchase.

Any defective part(s) will be repaired or replaced at option if the unit has not been tampered with or used improperly during that period. Make certain that any malfunction is not due to inadequate cleaning or failure to follow the instructions. If repair is necessary, contact your POC-03C Equipment Provider for instructions.

NOTE

This warranty does not cover providing a loaner unit, compensating for costs incurred in rental while said unit is under repair, or costs for labor incurred in repairing or replacing defective part(s).

THESE IS NO OTHER EXPRESS WARRANTY. IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THE EXPRESS LIMITED WARRANTY AND TO THE EXTENT PERMITTED BY LAW ANY AND ALL IMPLIED WARRANTIES ARE EXCLUDED. THIS IS THE EXCUUSIVE REMEDY AND LIABILITY FOR CONSEQUENTIAL AND INCIDENTAL DAMAGES UNDER ANY AND ALL WARRANTIES ARE EXCLUDED TO THE EXTENT EXCLUSION IS PERMITTED BY LAW. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE LIMITATION OR EXCLUSION OF CONSE QUENTIAL OR INCIDENTAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

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This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

*CHILDREN AGE FIVE YEARS AND BELOW SHOULD SEEK DOCTOR'S ADVISE BEFORE USING POC-03C OXYGEN CONCENTRATOR.

*MAXIMUM USAGE FOR ALL PEOPLE OF ALL AGES SHOULD NOT EXCEED TWO HOURS PER DAY.

Manufacturer's Note

Thank you for choosing a POC-03C Oxygen Concentrator. We want you to be a satisfied customer. If you have any questions or comments, please send them to our address on the back cover.

For Service Call Your Authorized
POC-03C Equipment Provider:

HINOR MEDICAL INDUSTRY COMPANY LIMITED
ADDRESS: NO.222 SHENZHEN ROAD QINGDAO CHINA
Tel:86-532-68878035
www.hinormedical.com

Product Designation: Oxygen Concentrator

Catalogue Number: PO-03C

Quality System Standard Applied:ISO9001/EN46001

Notified body

MDD Annex II Applied : IEC 601-1+A1+A2
EN 60601+A1+A2
ISO8359-1996

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