

USER MANUAL



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Foreword

Dear user:

Thank you for purchasing this product! We hope that you will become a satisfied user of our products.

This user manual describes the product's functions, operating steps, precautions, and basic troubleshooting etc.

In order to use this product safely and effectively, please read this user manual carefully before use.

Before you operate the machine, please ensure that you have read and understood the basic operation of the product and the correct way to use it to achieve your desired health goals.

If you have questions about your use or other matters, please contact your local supplier or the manufacturer's after-sales service directly.

Individual pictures in this user manual may be inconsistent with the actual product, please refer to the actual product for details.

Warning Statements

 During oxygen therapy, there is a risk of fire due to the increased oxygen concentration.

Do not use oxygen concentrators or accessories near sparks or open flames, and oxygen concentrators should be kept away from flammable and explosive places.

 To prevent power outages or possible failure of the oxygen concentrator, those in urgent need of oxygen and critically ill patients must be equipped with other back-up oxygen supply devices (e.g. oxygen cylinders, oxygen bags, etc.).

 Before and during oxygen therapy, use only water-based cleaning fluids or oxygen-compatible greases, do not use petroleum or oil-based washing liquids or greases, do not lubricate the fittings, joints, tubes or other accessories of the oxygen concentrator, and Use only spare parts recommended by the manufacturer to ensure proper function and avoid the risk of fire.

 At altitudes exceeding [Maximum Rated Altitude Value] or temperatures exceeding [Rated Temperature Range] or relative humidity exceeding [Maximum Rated Relative Humidity] will affect the flow rate and oxygen content, and further affect the quality of treatment. Oxygen facilitates ignition and spread of fire. Do not place nasal oxygen cannula or mask on a bed cover or chair cushion when the oxygen concentrator is on and no one is breathing oxygen, as oxygen can easily ignite these materials. The oxygen concentrator should be turned off when not in use to avoid oxygen enrichment.

 If you feel unwell or have a medical emergency during oxygen therapy, seek immediate medical help to avoid injury.

 When the elderly, children or other patients are unable to express discomfort, additional monitoring measures or distributed alarm systems are available to convey discomfort information and medical emergencies to the responsible nursing staff to avoid injury.

 Open flames during oxygen therapy are dangerous and may lead to fire or death. Open flames are not permitted within 2m of the oxygen concentrator or any accessory containing oxygen.

 Oxygen is a combustion-supporting gas. Do not smoke when using it, and keep it away from matches, lighted cigarettes and other flammable sources. Smoking during oxygen therapy is dangerous and may result in facial burns or death. Smoking is not permitted when in the same room as the oxygen concentrator or any other accessory containing oxygen. If you intend to smoke, turn off the oxygen concentrator, remove the nasal oxygen tube, and leave the room where the nasal oxygen tube or mask or oxygen concentrator is placed. If you cannot leave the

room, you must wait 10 minutes after turning off the oxygen concentrator before smoking.

 Do not use any lubricant other than that recommended by the manufacturer and do not leave the oxygen concentrator in an environment where the airflow is obstructed.

 The oxygen generator should be placed in a ventilated place indoors, and avoid direct sunlight, and all sides should be more than 10cm away from walls, furniture, etc.

 The oxygen generator should not be placed in the following environments: near heat sources and light and dark fire sources, in humid, unsheltered, smoky and polluted environments, where the temperature is too high or too low. Oxygen concentrators should be kept away from pollutants or fumes.

 Do not place any sundries on the bottom of the oxygen generator, and do not place the machine on soft surfaces that will cause inclination or sinking (such as beds and sofas) to prevent the blockage of the intake and exhaust ports, causing overheating and causing shutdown or oxygen concentration drop.

 Avoid using an oxygen concentrator while showering. If continuous use is required, please follow the doctor's prescription, and the oxygen concentrator must be used in another room 2.5 meters away from the bathroom.

 If the oxygen generator falls into the water, do not touch it, cut off the power immediately, and contact a qualified dealer or manufacturer.

 Please refer to this manual for details on how to use the oxygen concentrator. If the user or service personnel feel insufficient oxygen, please contact the supplier or doctor immediately, and adjust the flow according to the doctor's instructions.

 Do not use parts, accessories or adapters not approved by the manufacturer. Use of humidifiers and operating accessories not specified for this oxygen concentrator will reduce machine performance.

 Oxygen therapy can be dangerous in certain circumstances. The manufacturer recommends that users seek the advice of a doctor before using this product. After the oxygen concentrator is powered on, do not leave the machine unattended.

 If the power cord or plug of the oxygen generator is damaged, if the machine does not work properly, if the machine is dropped or damaged, please contact qualified maintenance personnel for inspection and repair.

 Do not drop or insert any substance into the opening of the machine, do not move the oxygen generator when it is charged, and do not place the oxygen concentrator where it is easy

to drip into water or other liquids.

 When this product is operated without oxygen inhalation, the oxygen produced will support combustion. When no one is inhaling oxygen, turn off the power switch and unplug the plug. No sundries and water and oil containers should be placed on the top of the oxygen concentrator.

 Do not open the shell and chassis of the machine for maintenance without permission. If the user finds any quality problems or abnormal phenomena such as alarms, please do not disassemble and repair without permission, and should contact the product dealer or manufacturer immediately.

 The oxygen concentrator can be used by multiple people, but please do not share the same set of oxygen inhalation tubes/oxygen inhalation masks or nebulizer cups to avoid cross-infection of viruses or bacteria between users.

 When the machine is running, please do not open the shell and internal case of the machine at will, in order to avoid injury caused by touching the moving parts.

Intended Use

 This equipment is suitable for oxygen supplementation, not for life support and life extension, and not for medical equipment.

Prohibit the use of crowd

 People who are allergic to oxygen and who suffer from oxygen poisoning are forbidden to use this product.

Environmental Requirements

◇Ambient temperature: 5°C~40°C;

◇Relative humidity: ≤80%;

◇Atmospheric pressure: 86kPa~ 106kPa;

◇The surrounding environment has no corrosive gas and strong magnetic field.

Storage and Transport

◇Ambient temperature: -20°C~50°C;

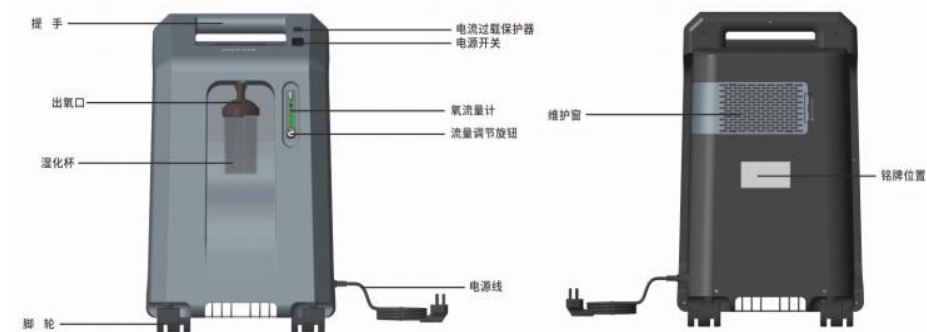
◇Relative humidity: ≤93%, no condensation;

◇Atmospheric pressure: 50kPa~ 106kPa;

⚠ When the storage and transportation temperature is lower than 5°C, the device should be placed in the normal working temperature environment for more than four hours before use.

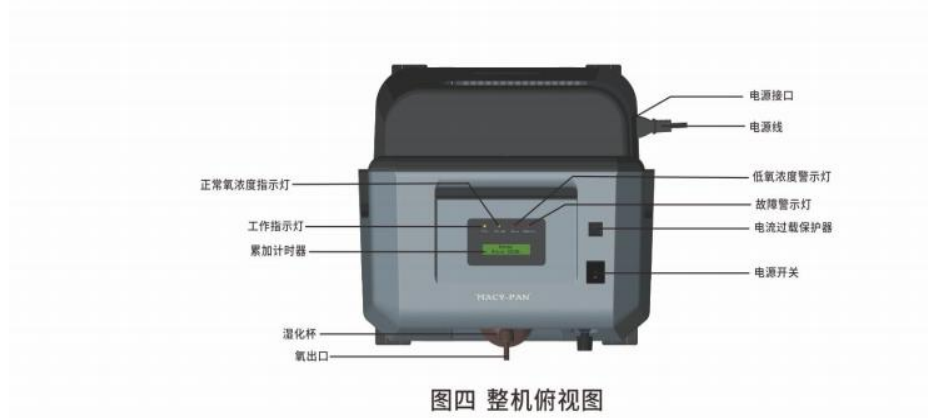
⚠ Oxygen concentrators should be stored in a well-ventilated room without strong sunlight, corrosive gases, and avoid severe shocks and lying upside down during transportation.

Component Schematic and Function Introduction



图二 整机前视图

图三 整机后视图



图四 整机俯视图

Figure 5: Power: Power Indicator

O₂Normal: Oxygen concentration normal indicator



Figure 5

Operation Steps

① When using the product, make sure it is at least 20 cm away from the wall, and there should be no debris at the bottom of the oxygen concentrator, so as to keep the air at the bottom smooth and ensure the normal heat dissipation of the oxygen concentrator. When using, you need to cut off the cable tie at the bottom of the machine and pull it out before you can turn it on.



② Connect the oxygen tube, then untie the power cord of the oxygen concentrator, first confirm whether the indoor power socket is powered, after confirming that it is correct, insert the plug into the power socket at this time, and turn on the power.

Press the power switch of the oxygen concentrator, and the oxygen concentrator starts to work. The oxygen concentrator is equipped with a fault monitoring function. Press the power switch to " | ". At this time, the LCD screen lights up to display the cumulative timer and the current running time, and the power indicator light "D1" is always on, and when the oxygen concentration reaches the predetermined value $\geq 82\%$, the "D2" indicator light is on, indicating that the oxygen concentrator is in a normal working state.

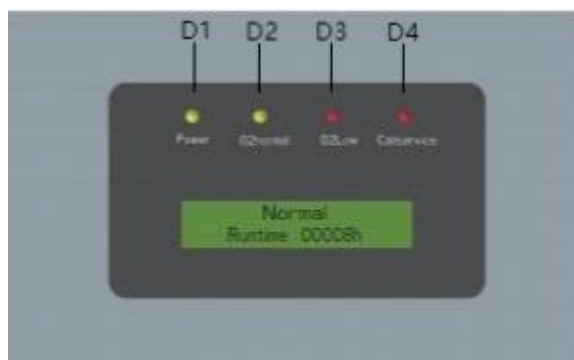
Note: The oxygen concentration reaches a stable value within 10 minutes of initial start-up.

⚠ Warning "D4" light flashes with buzzer alarm: power failure alarm, air compressor failure alarm (air compressor does not start, air compressor overheating), stop using it immediately, and report the product for repair.

⚠ Warning "D3" light flashes with buzzer alarm: the oxygen concentration is lower than 82%,

stop using the product and report for repair.

As shown in figure 5:

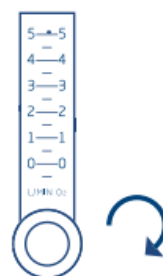


③ Adjust the output flow of oxygen according to the needs of use. Turn the flow adjustment knob counterclockwise to increase the flow, and turn clockwise to decrease the flow.

调大:



调小:



④ After using the oxygen concentrator, please turn off the power. If the machine is not used frequently, please unplug the power plug, tie up the wiring harness, and put the machine away

Housing Cleaning



Before maintaining the oxygen concentrator, first cut off the power supply. In order to avoid electric shock, the casing cannot be disassembled.

◇ Wipe and clean the outside of the case at least once a month: first cut off the power supply, and wipe it with a clean, soft, slightly damp cotton cloth or sea water, and do not let liquid seep into the gap of the case. Wipe with a soft cotton cloth or sea wipe and do not let the liquid seep into the crevices of the case.

Fault Repair Correspondence Table

Number	Failure phenomenon	Possible Causes	Exclusion method
1	Power and circuit are not connected	Power and circuit are not connected	Check whether the switch, connector, socket, power cord and fuse are intact
		Current overload protector trips	Press the overload protector button to restore power
		Compressor start capacitor damaged	Contact a repairer to replace the capacitor
		Compressor failure	Contact a repairer to replace the compressor
		Broken fuse	Fuse replacement with spare fuses
2	No oxygen or low air output	Internal oxygen tubing is bent and does not breathe well	Reconnect the oxygen tubing
		Poor air intake due to clogged filter	Clean or replace the filter
		Wetting cup not fitted properly and leaking air	Reinstall the wetting cup
3	No intermittent exhaust sound	Electronic control board failure	Contact a repairer to replace the main control board
		Control valve failure	Contact a repairer to replace the control valve
4	Excessive exhaust sound	Exhaust silencer comes off	Contact a repairer for maintenance

Environmental Protection

◇Disposal of waste and residue. Please do not dispose of the oxygen inhaler tube, humidifier, and the accompanying parts after use.

◇When the machine is disposed of, please contact the local supplier or manufacturer.

◇The disposal of waste and residue should be in accordance with the corresponding national laws.

Copyright Statement

This instruction manual contains proprietary information protected by copyright law. All rights reserved. No part of this manual may be photocopied, reproduced or translated into other languages without the prior written consent of the company.

Warranty Period and Contents

One year warranty on the entire machine

◇ If the failure is caused by our design and manufacturing defects during the warranty period, we will repair it without charge.

◇ We will take appropriate countermeasures according to the contents of the failure.

Disclaimers

◇ Malfunctions caused by use outside the operating environment specified in this manual.

◇ Malfunctions caused by use outside the service life of the instrument as specified in this manual.

◇ Malfunctions caused by the user's failure to follow the requirements of this manual.

◇ Malfunction caused by the user's brutal operation or misuse.

◇ Malfunctions caused by moving, transporting and installing the instrument by methods other than those operated by the Company.

◇ Failure caused by unauthorized disassembly, recommissioning or alteration of instrument components.

◇ Failure caused by fire, earthquake, wind damage, flood, lightning, crime, terrorism, war and other irresistible forces.

◇ Failure caused by non-. Ltd. authorized personnel to repair and maintain the product, or failure caused by failure to maintain the product in accordance with the instructions.

◇ Failure caused by consumables and parts that have not been replaced at the end of their specified service life.

◇ Failure caused by the use of hardware, software or auxiliary products not provided by our company.

◇ Failure of a product that has been disposed of or purchased without contacting us.

◇ Replacement or removal of the original serial number label or manufacturing mark.

Warranty Card

Customer Name: _____

Contact Number _____

Product Name: _____

Date of purchase: _____

Model Number: _____

Zip Code: _____

Dealer: _____

Contact Address: _____

Fault Description: _____