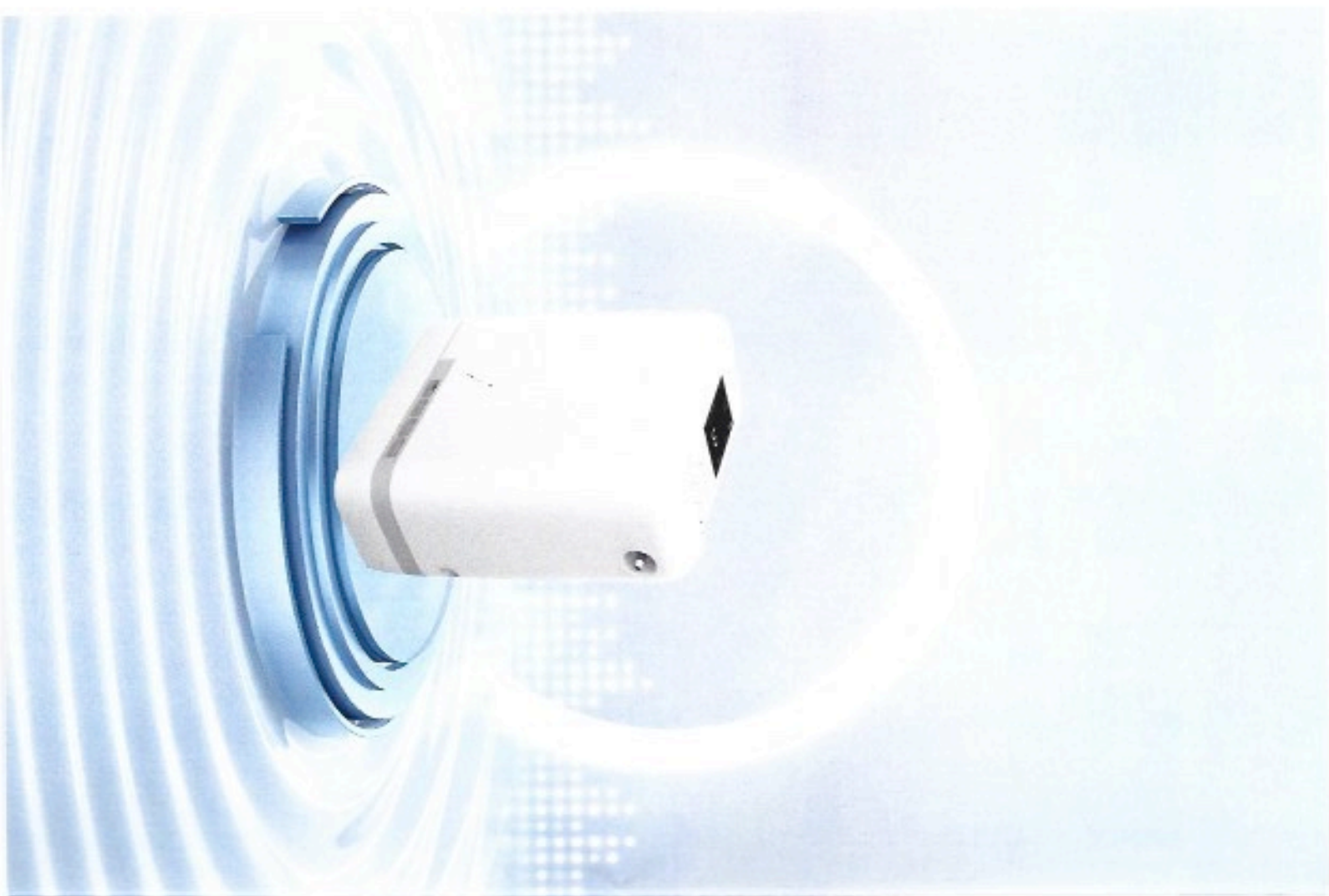




| Portable oxygen concentrator

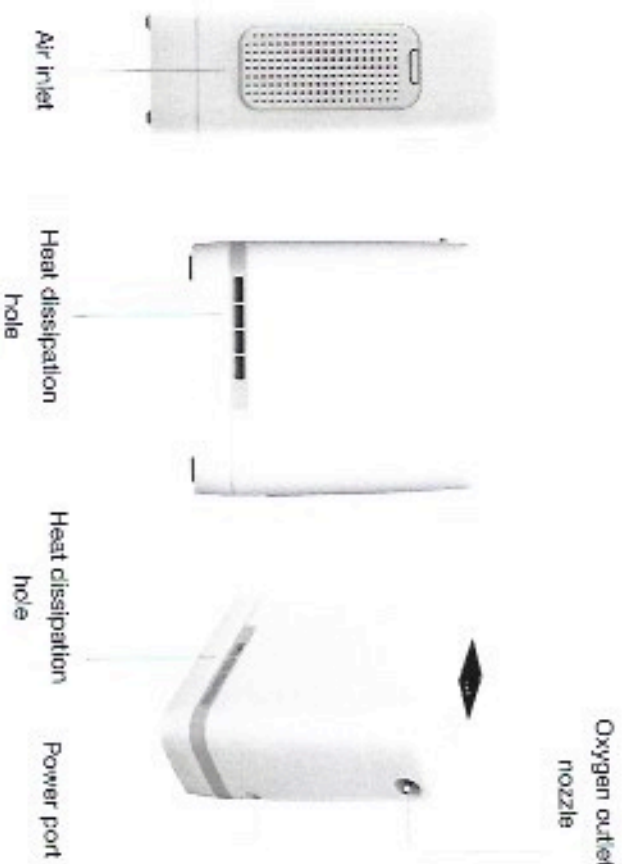
Please read the instructions carefully before use



Contents

01	Product Diagram
02	Product Specifications
03	Interface Introduction
04	Directions For Use
05	Maintenance And Cleaning
06	Warranty Description
09	Common Problems And Solutions
09	Packing List
10	Alarm Information
11	Repair Information

PRODUCT DIAGRAM



PRODUCT SPECIFICATION

Product Name	portable oxygen concentrator
Product size	17.2cm*8.0cm*18.8cm
Product weight	Machine weight : 1.45kg , Battery weight : 0.48kg
Interface	2.0 monitor
Operating noise	≤80dB (A) ; position 5 ;
Audio alert	2450BPM
Sea level	8500ft normal use
Warm-up time	2min
oxygen concentration	≥90% (At all gears and respiratory rates)
Gear setting	1-5
Respiratory rate	10-40 BPM
Respiratory sensitivity	±0.12 or ±120
Max outlet pressure	100kPa±20%
AC Power Source	AC100-240V 50/60 Hz 60W MAX
Internal battery	14.4VDC 2A Max
Battery duration	8-cell battery: 4-1.5h 18-cell battery: 8-3h
Battery charging time	8-cell battery: 2.0h 18-cell battery: 4.5h
	Temperature : 5 ~ 40℃
Storage environment	Humidity : 10% ~ 90% , for non-condensing state
	Atmospheric pressure : 640Pa ~ 1060Pa

The above data are tested by the laboratory, and the final interpretation left belongs to the company.

INTERFACE INTRODUCTION



DIRECTIONS FOR USE

1、Power supply

Select the appropriate power connection conditions based on the usage environment.

When only using batteries, install the dedicated battery for this device to the device battery interface.

When using the on-board power adapter, when the power indicator on the adapter lights up, it indicates that the power connection is normal. Required input terminal: DC 12V 500mA MAX.

When using the AC power adapter, connect the AC power adapter and the power cord firmly. When the power indicator on the adapter lights up, it indicates that the power connection is normal. Required input terminal: AC 100-240V, current 2.0-1.0A, and frequency 50/50-HZ.

Warning: Do not use flammable solvents (e.g. 69) not included with the product.

2、Startup preheating

Press the device ON key, and after hearing a "boot" prompt tone, enter the boot screen. After the system starts, the device enters a warm-up state. The preheating time of the equipment is about 2 minutes. After the preheating is completed, when the equipment status meets the requirements for normal use, it can be worn and equipped with a nasal oxygen tube for normal use.

▲ Note: During the warm-up period of the machine, the device will automatically inject oxygen to empty the first trial air. At this time, the output flow and concentration of the device may not meet the standard, so do not use it.

▲ Note: Do not connect the nasal oxygen tube during the warm-up period of the machine.

3、Connecting the nasal oxygen tube

Connect the factory equipped nasal oxygen tube belt mouth to the nasal air outlet of the equipment to ensure reliable connection and no air leakage. Note that the nasal oxygen tube should not be twisted or blocked to avoid causing equipment related alarms and affecting normal use.

▲ Note: This device is a pulse oxygen supply method. To use the device, it must be connected to a nasal oxygen tube.

■ DIRECTIONS FOR USE

4. Adjusting the flow gear

To adjust the flow gear, please press the setting key to set the flow gear according to your needs.

5. Turn off

When the device is working normally, press and hold the ON/OFF key for about 3 seconds, and the device emits a "beep" prompt and enters the shutdown interface. The device automatically shuts down.

6. Other information

When the adapter is connected/unplugged or the battery is connected/unplugged, the device will emit a "beep" prompt, and the main interface of the device will also have relevant information to display the current power supply status.

When an abnormal state occurs, the abnormal information indicator light will light up, and the device will display abnormal information and issue an audible prompt. If you have entered the prompt information and no longer need a prompt tone, you can press the prompt tone switch to turn off the information prompt tone.

▲ Note: When the alert tone is turned off, please pay close attention to the device status to prevent you from not being able to fully grasp the device operation without the alert tone.

▲ Note: It is prohibited to remove the battery during equipment operation.

▲ Note: This product is not suitable for medical use.

■ MAINTENANCE AND CLEANING

1. Replacement of intake filter cotton

1. Shut down the device, disconnect the power supply and remove the battery.
2. Remove the filter cotton bottom shell.
3. Take out the intake filter cotton. Note that the intake air filter cotton after long-term use may absorb and accumulate a large amount of dust. Please operate with care and take proper precautions to prevent inhalation of dust.

4. Install new filter cotton in the correct direction.

5. Install the filter cotton bottom shell back.

6. Please properly dispose of the waste filter cotton.

▲ Note: Failure to install or replace the filter cotton for a long time may affect equipment performance or damage the equipment. Please replace the filter cotton in a timely manner, and the replacement cycle depends on the use environment and usage. Generally, it is replaced once a month.

2. Molecular sieve replacement and maintenance

1. When the device prompts the need to replace the molecular sieve, please contact the designated seller in a timely manner.
2. Long-term storage may shorten the service life of molecular sieves.
3. Long-term operation in a humid environment may shorten the service life of molecular sieves.

▲ Warning: Do not disassemble and replace molecular sieves without permission. Only equipment suppliers or qualified maintenance engineers can disassemble and replace molecular sieves.

3. Nasal oxygen tube replacement

Users can purchase nasal oxygen tubes as needed, but they need to ensure that the following conditions are fully met:

1. Please contact the equipment provider or purchase under the guidance of a professional.
 2. Please purchase from regular channels.
 3. The rated flow rate of oxygen in the nasal oxygen tube is 5 liters per minute, and the total length is between 1 and 7.5 meters.
 4. It can fit well with the air outlet of this product without air leakage.
- Please wear a nasal oxygen tube correctly and use it according to the instructions for using the nasal oxygen tube.

MAINTENANCE AND CLEANING

4. Battery replacement and maintenance

This device requires the use of a dedicated battery provided at the factory with a standard battery provided at the factory. Users can contact a designated seller to purchase batteries as needed.

Battery life: 500 cycles of charge and discharge capacity reduced to 80%.

When not in use for a long time, please remove the battery from the device and pay attention to protecting the battery electrodes from contacting conductors such as metal to prevent fire and other hazards.

Please store the battery away from children to avoid danger.

Batteries that have not been used for a long time need to be regularly charged and maintained. It is recommended that the battery power be kept at about 30% to 60% when stored.

⚠ Warning: Do not use lithium batteries that are not included with the product.

5. Service life

Category	Service life
Molecular sieve	1 year
Battery	500 full charges and discharges

⚠ Note: The service life in the table is the recommended value, and the actual service life will vary depending on the actual usage environment and actual usage. Please pay close attention to the equipment usage status and related safety principles.

6. Maintenance cycle

name	Product code	Maintenance cycle	Maintenance method	remarks
Air intake filter cotton	-	Once a month	User replacement	Can be purchased separately
Vehicle seat assembly	-	Once a year	Professional replacement	Replaces as prompted by the device
Battery	-	Once every three months	Charge to 30%	No special requirements for normal use

⚠ Note: The maintenance cycle in the table is the recommended value, and the actual maintenance cycle will vary depending on the actual usage environment and actual usage. Please pay close attention to the equipment usage and related safety principles.

7. Equipment cleaning

Before cleaning, please ensure that the machine is turned off, unplugging the power supply from the socket, and remove the battery.

The power off sequence should be to first disconnect the power plug on the wall and then disconnect the plug on the machine side.

Do not let the equipment get wet or enter water. Once the vapors, it will lead to equipment failure or shutdown, and it will also increase the risk of electric shock.

Do not pour liquid directly onto the machine. Chemical cleaning agents used on the plastic exterior of the machine may damage the plastic housing of the equipment. These cleaning agents include, but are not limited to, the following lists: alcohol and alcohol products, high concentration chromated solutions (chromic acid), and oil products (kerosene).

Be careful not to allow liquid to enter the interior of the machine. Pay special attention to ensuring that the oxygen outlet is free of dust, water, or other particles.

Do not use organic solvents or other flammable and explosive volatile substances for cleaning. Please ensure that the equipment has been completely dried before use.

⚠ Warning: Before disposal, remove batteries, etc., and contact relevant organizations to properly dispose of equipment and accessories in accordance with local government regulations.

WARRANTY DESCRIPTION

The oxygen concentrator (excluding consumables) is warranted for one year from the date of purchase.

All maintenance services must be carried out by a designated maintenance service center.

Consumable nasal oxygen tubes and filter cotton are not covered by the warranty.

COMMON PROBLEMS AND SOLUTIONS

problem	Possible causes	Recommended Solution
Device cannot be opened	Battery not installed correctly Disc battery Poor AC power connection	Remove the battery and re-install it correctly Insert the battery and connect the socket to charge the battery Check the power connection
No oxygen output	Equipment failure	If the above operation cannot solve the problem, please contact your equipment supplier
	Device not turned on	
	Twisted or blocked nasal oxygen tube	
	Equipment failure	Contact the equipment supplier

The following states are not faulty

The exhaust port is a heat dissipation port. When operating for a long time or the ambient temperature is high, the temperature of the gas discharged from the equipment will rise, which is a normal phenomenon.

PACKING LIST

Name	Quantity	Remarks
Oxygen concentrator	1	Standard configuration
Battery	1	Standard configuration
AC socket (with power cord)	1	Standard configuration
Nasal oxygen tube	1	Standard port, quick on / one built-in oxygen generator
Air intake filter cotton	1	Standard configuration
Portable package	1	Standard configuration
Instructions	1	Standard configuration

ALARM INFORMATION

Alarm item	Alarm reason	Alarm interval	Screen display and prompts	processing method
No breathing detected	No breathing detected during normal operation for 15 consecutive seconds	10s	7	Please connect the nasal oxygen tube for use
Low battery	The battery power is between 0% and 20% when only using battery power	10s	6	Phase change in a timely manner
Compressor shutdown	Compressor not started or faulty	10s	3	Check whether the machine is overheated, and whether the air inlet and cooling hoses are blocked. Restart the machine after 10 minutes of shutdown. Please contact the seller promptly
System temperature too high	The system temperature is higher than 60 degrees Celsius	10s	2	Check whether the air inlet and cooling holes of the machine are blocked. Restart the machine after 20 minutes of shutdown
Fan stall	The fan stops rotating	10s	4	Alarm only, please contact the seller in a timely manner