



Portable Oxygen Concentrator

INSTRUCTIONS

Product Instructions

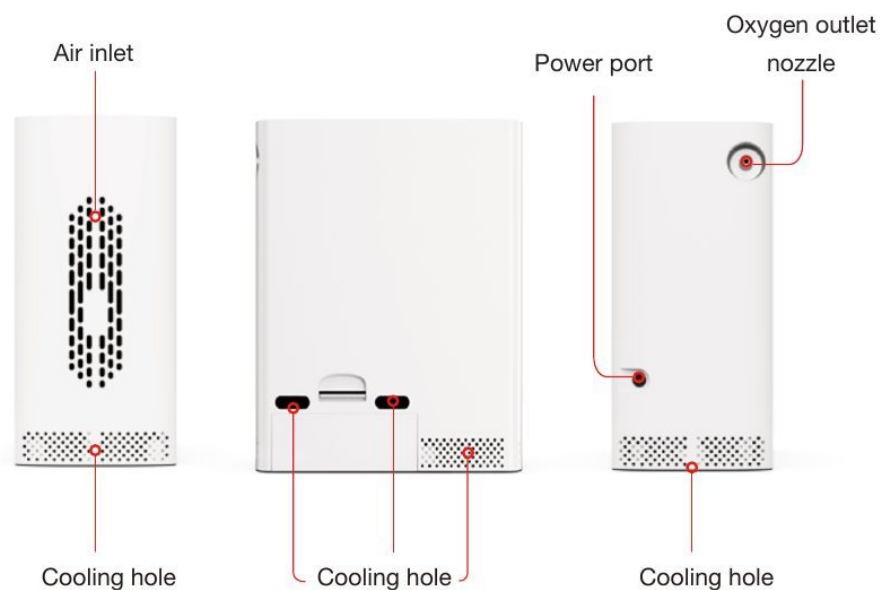
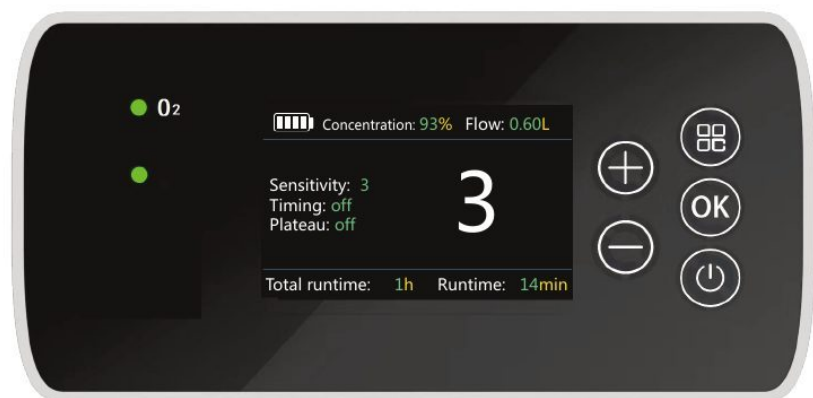
Please carefully read the Product Instructions before using the product.
The pictures are for reference only and the machine in kind shall prevail.

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1. Product Diagram

Operation main screen

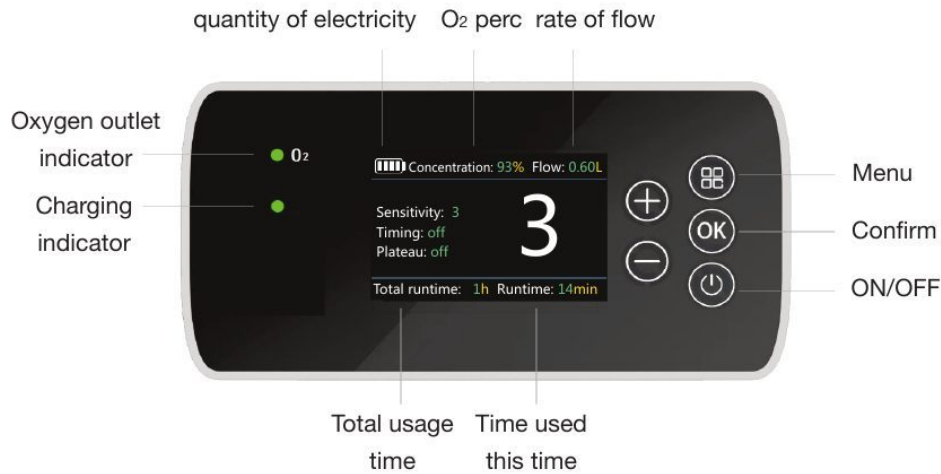


2. Product Parameter

Product name	Portable Oxygen Concentrator		
Product model	See the body label for details		
Product size	L*W*H: 15.0cm * 7.5cm * 16.0cm		
Product weight	Machine weight: 1.15Kg		
	4-cell battery 0.25 kg	8-cell battery 0.5 kg	12-cell battery 0.75 kg
User interface	2.8" color display		
Operation noise	≤60dB		
Audio alarm	≥45dB		
Altitude	Normal use at 5500M		
Preheating time	3min		
Oxygen concentration	Under all gears and breathing rates ≥90%		
Maximum recommended flow	0.6L/Min, 0.7L/Min, 0.8L/Min (pulse flow)		
Gear setting	1 2 3 4 5		
Breathing rate	10-40 BPM		
Breathing sensitivity	<0.12 cm H2O		
Maximum outlet pressure	100KPa±20%		
AC power supply	AC100-240V 50/60 Hz 60VA MAX		
Internal battery	14.4VDC 4A Max		
Battery duration	4-cell battery: 2.5-1.3h	8-cell battery: 4.5-2.5h	12-cell battery: 7.5-3.5h
Battery charge time	2.5h	5h	7.5h
Suitable environment for normal operation of equipment	Suitable temperature: 5~40°C		
	Suitable humidity: 10%~90%, non-condensing state		
	Atmospheric pressure range: 540hPa~1060hPa		

*The above data are the laboratory test data, and the final interpretation right is owned by the company.

3. Interface Introduction



 Long press ON/ OFF

The sensitivity of this product can be adjusted according to the usage environment and breathing intensity to suit yourself. If adjustment is needed, you can press  Menu key, select sensitivity, use  /  adjusting the gear, press  "OK" confirm.

To set a timing for this product, press  Menu keys, select timing, use  /  adjusting the time, press  "OK" confirm.

If you need to set highland mode for this product, press  Menu keys, select highland, use  /  adjusting the mode, press  "OK" confirm.

4. Use Mode

1. Connecting power supply

According to the use environment, select the appropriate power connection conditions.

- When only the battery is used, install the special battery of the equipment to the equipment battery interface.

- When the vehicle power adapter is used, if the power indicator on the adapter is on, it indicates that the power connection is normal.

Required input end: DC voltage: 19V, power: 72W.

- When the AC power adapter is used, securely connect the AC power adapter to the power cable. When the power indicator on the adapter is on, it indicates that the power connection is normal.

Required input end: AC voltage: 100-240V, current: 2.0-1.0A, frequency: 50/60HZ.

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

2. Startup preheating

Press the equipment ON/OFF button. After hearing a "beep" prompt tone for startup, enter the startup screen, and the equipment enters the preheating state after the system starts. The preheating time is about 2 minutes. Once preheating is complete and the device reaches the normal operating state, you can wear the rubber hose and start normal use of it.

⚠ Note: During the machine preheating, the equipment will automatically spray oxygen to empty the internal air. At this time, the output flow and concentration of the equipment may not meet the standard. Please do not use it.

⚠ Note: Please do not connect the rubber hose and operate the machine during the machine preheating.

3. Connecting rubber hose

Connect the flared end of the factory-supplied rubber hose to the device's oxygen outlet nozzle. Ensure the connection is secure and airtight. Make sure the rubber hose is not twisted or blocked to avoid triggering alarms and affecting normal use.

⚠ Note: This equipment is pulse oxygen supply mode, and the rubber hose must be connected when the equipment is used.

4. Use Mode

4. Adjusting flow gear

Please press the set button to set the flow gear according to your own requirements.

5. Shutdown

When the equipment works normally, long press the ON/OFF button for about 3 seconds, the equipment will beep and enter the shutdown screen, and the equipment will automatically shut down.

6. Description of other situations

When the adapter is connected or the battery is connected, the equipment will beep and display the current power supply information on the equipment home screen.

When an abnormal state occurs, the abnormal information indicator will light up, and the equipment will display the abnormal information and give a sound prompt.

⚠ Note: Do not remove the battery when the equipment is running.

5. Maintenance and Cleaning

1. Replacement of intake filter cotton

1. Shut down the equipment, disconnect the power and remove the battery.
2. Remove the bottom shell of the filter cotton.
3. Remove the intake filter cotton. Note: The air intake filter cotton may accumulate a large amount of dust after long-term use. Handle with care and take precautions to avoid inhaling dust.
4. Install the new filter cotton in the correct direction.
5. Reinstall the bottom shell of the filter cotton.
6. Please dispose the waste filter cotton properly.

⚠ Caution: Failure to install or replace the filter cotton for extended periods may affect the device's performance or cause damage. Please replace the filter cotton in time. The replacement period depends on the use environment and the use conditions. Generally, replace it once a month.

2. Replacement and maintenance of molecular sieve

1. When the equipment prompts that the molecular sieve needs to be replaced, please contact the specified seller in time.
2. Long-term placement may shorten the service life of the molecular sieve.
3. Operating the machine in a humid environment for an extended period may also shorten the lifespan of the molecular sieve.

⚠ Warning: Please do not disassemble and replace the molecular sieve without permission. Only the equipment supplier or the qualified maintenance engineer can disassemble and replace the molecular sieve.

3. Replacement of rubber hose

Users can purchase rubber hoses according to their needs, but they need to ensure that the following conditions are fully met:

1. Please contact the equipment provider or purchase them under the guidance of a professional.
 2. Please buy them from regular channels.
 3. The rated flow of oxygen in the rubber hose is 10L per minute, and the total length is 1-2m.
 4. It can fit well with the oxygen outlet nozzle of this product and does not leak.
- Please wear the rubber hose properly and follow the instructions for use of the rubber hose.

5. Maintenance and Cleaning

4. Replacement and maintenance of battery

This equipment needs to use the special battery provided by the factory, and the standard configuration of the factory is one battery. Users can contact the designated seller to purchase batteries as needed.

- Battery life: 500 cycles of charge and discharge.
- When the device is not in use for an extended period, remove the battery and ensure the battery terminals do not come into contact with metal or other conductors to prevent fire or other hazards.
- Store the battery in a location out of reach of children to prevent accidents.
- Batteries that are not used for a long time need to be regularly charged and maintained, and it is recommended that the power should be kept at about 30%~60% during storage.

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

5. Warranty description

Category	Description
Oxygen concentrator host	Host warranty: 2 year
Molecular sieve	Warranty: 1 year
Battery	500 times of full charge and discharge or 1 year warranty

⚠ Note: The use period in the table is the recommended value, and the actual use period varies with the actual use environment and the actual use conditions. Please pay close attention to the use status of the equipment and related alarm prompts.

6. Maintenance period

Name	Product Code	Maintenance Cycle	Maintenance Mode	Remarks
Intake filter cotton	-	Each month/100 hours	User replacement	Available separately
Molecular sieve module	-	Once a year	Paid replacement	-
Battery	-	Once every three months	Charge to 30%	No maintenance required for normal use

⚠ Note: The maintenance period in the table is the recommended value, and the actual maintenance period varies with the actual use environment and the actual use conditions. Please pay close attention to the equipment use conditions and related alarm prompts.

5. Maintenance and Cleaning

7. Equipment cleaning

- Before cleaning, please ensure that it is turned off, unplug the power from the outlet, and remove the battery.
- The power-off sequence shall be to disconnect the power plug on the wall first, and then disconnect the plug at the machine end.
- Prevent the equipment from getting wet or water ingress. Once this situation occurs, it will lead to equipment failure or shutdown, and meanwhile increase the risk of electric shock.
- Do not pour liquid directly onto the machine. Chemical cleaners used on the plastic enclosure of the machine may damage the plastic enclosure of the equipment. These cleaners include but are not limited to the following list: alcohol and alcohol products, high-concentration chlorinated solutions (chloroethane) and oil products (Clorox).
- Be careful not to allow liquids to enter 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, explosive and volatile substances for cleaning.
- Please ensure that the equipment is completely dry before use.

⚠ Warning: The batteries shall be removed before disposal, and the relevant departments shall be contacted to properly dispose of the equipment and accessories in accordance with the relevant regulations of the local government.

6. Instructions for Warranty

The warranty period of the oxygen concentrator host (excluding consumables) is 2 year from the date of purchase.

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

During the warranty period, repairs for malfunctions not caused by human error are free of charge.

Maintenance costs will be charged beyond the warranty period.

If damage is caused by improper use, paid maintenance services will be provided.

Consumables such as rubber hoses and filter cotton are not covered by warranty.

7. Common Problems and Troubleshooting

Problem	Possible Cause	Recommended Solution
The equipment cannot be turned on	The battery is not properly installed or securely inserted	Remove the battery and reinstall it correctly
	Battery power is depleted	1. Insert the battery 2. Connect the adapter to charge the battery
	Poor AC power connection	Check the power connection
	Device malfunction	Please contact your equipment supplier.
No oxygen output	The rubber hose is kinked or blocked	Check the rubber hose and the connection to the Oxygen outlet nozzle
	Device malfunction	Please contact your equipment supplier.

The following states are not faults

The cooling hole is for heat dissipation. When the device operates for an extended period or in a high-temperature environment, the temperature of the exhaust gas may increase, which is a normal phenomenon.

Note: This product is not a medical device and is intended for health care use only

8. Package List

Name	Quantity	Remarks
Oxygen concentrator host	1	Standard
Battery	1	Standard
AC adapter (with power cable)	1	Standard
Rubber hose	1	Standard
Intake filter cotton	1	Standard configuration (with one built-in oxygen concentrator)
Portable bag	1	Standard
Instructions	1	Standard
Warranty Card	1	Standard
Certificate	1	Standard

9. Alarm Information

When a malfunction occurs, you will hear a "beep" sound as an alarm. At the same time, alarm information will be displayed on the screen. Please follow the instructions below for troubleshooting.

Alarm Item	Alarm Cause	Alarm Interval	Display and Prompt	Treatment Methods
No breath detected	No breathing is detected within 15 seconds of consecutive normal operation	10s	No breath detected	Please connect the rubber hose before use
The battery is low	The battery power is 0%~20% when only the battery power is used	10s	The battery is low	Please charge the battery promptly
Compressor failure	The compressor does not start or is faulty	10s	Compressor failure	Check whether the machine is overheated and whether the air intake and the cooling hole are blocked, and restart after 10 minutes of shutdown. Please contact the seller in time
The system temperature is too high	The system temperature is higher than 60°C	10s	The system temperature is too high	Check whether the air inlet and cooling hole of the machine is blocked, and restart after 20 minutes of shutdown
Fan stopped	The fan stops rotation	10s	Fan stopped	In case of only alarm prompt, please contact the seller in time

10. Warranty Record
