

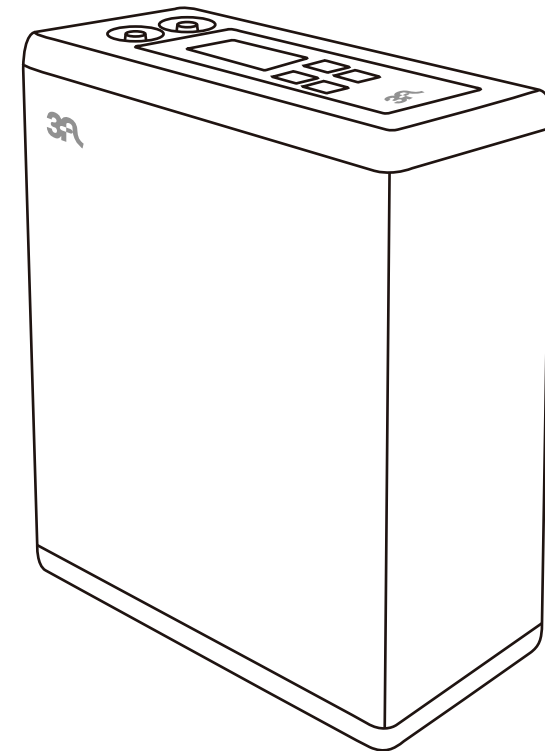
Executive standard: QB/T 5368-2019



User Manual

Oxymov 3

Portable Oxygen Concentrator



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This portable oxygen concentrator is not a medical device thus cannot replace a medical oxygen concentrator which is purely used for medical purposes. Please read the user manual carefully before using it.

Shenzhen Sanai Health Technology Co., Ltd.



Please read this user manual carefully before using the product, and keep it properly. Be sure to get in touch with the device manufacturer if you don't understand the warnings and instructions in this manual before attempting to use the device, otherwise it may cause harm due to improper operation.

This product is not a medical device and can provide oxygen with above 90% concentration. It is intended for home oxygen therapy, healthcare and other non-medical use only, instead of being used as oxygen inhalation device for surgery, first aid, and critically ill patients.



Smoking while using this device is the first cause of fire that may lead to serious injury or death. Please be sure to follow the safety warnings.

- Do not smoke, light candles or use other open flames in rooms where there is oxygen concentrator.
- Smoking while wearing an oxygen tube may lead to facial burns or even death.
- After removing the oxygen tube and placing it on a bed, sofa, or other cushion fabric, a open flame will possibly appear if it encounters cigarettes, heat sources, or flames,
- Before you smoke, please follow the three important safety measures below:
turn off the device, unplug the oxygen tube, and leave the room where the device is stored.



Please place the sign of "No smoking when use the oxygen concentrator" clearly in the room or the environment where the oxygen concentrator is used. Users and caregivers should be aware of the dangers of smoking while using the oxygen concentrator.

This use manual covers guidance on the installation, use and daily maintenance of an on-board portable home-use oxygen concentrator (model: Oxymov 3).For matters not mentioned above, please contact the dealer to learn more!



Warning

Please read this manual carefully before use and follow the instructions.



Note

- 1.This product helps those who are tired from exercise or work.It can recover faster than normal conditions.
- 2.This product use at home to relax the fatigue from daily routine.
3. This product can be used at work to concentrate on work or to study.
- 4.For better health, this product helps to compensate the body with high concentration oxygen due to the environmental problem currently.

Contents









2. Conditions of Warranty

The following conditions are not covered by the warranty:

- 2.1 Fragile and consumable parts: oxygen tube, filter sponge, molecular sieve, battery, etc.
- 2.2 Liquids such as water, medicines, etc. enter the device and cause a damage
- 2.3 The device is exposed to rain or moisture
- 2.4 Failure caused by unauthorized disassembly, repair, or modification of the product
- 2.5 Failure caused by accidental fall while using and handling the product
- 2.6 Failures caused by operating not following the instructions in the correct way
- 2.7 Damage caused by unforeseen natural disasters (such as fire, earthquake, flood, etc.)

Symbols and safety requirements

The warning/danger signs in this manual are used to remind users of all dangerous operations that may lead to personal injury or property damage. Please refer to the following table to see what these signs mean.

Symbol	Meaning	Symbol	Meaning
	AC		Caution!refer to device manual
	UP		Keep away from rain
	Fragile		No smoking
	Indicates a high degree of danger. If not avoided, it will result in death or serious personal injury		Describe a hazard or improper operation that, if not avoided, may lead to property damage

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Product overview

1. Intended use

1.1 Product application scope: It can be used at home or when traveling.

1.2 Product contraindications: The device can not be used for life support, nor does it provide any patient monitoring function.

2. Transportation and storage requirements

2.1 Indoor temperature range: 5°C~40°C

2.2 Indoor relative humidity range: <80%, and no condensation

2.3 Atmospheric pressure range: 86kpa-101kpa

2.4 Storage: Store the repackaged oxygen concentrator where there is no strong sunlight, corrosive gas but good ventilation, avoid violent vibration and lying upside down during transportation or placement of any objects on top of the oxygen concentrator.

3. Warnings

3.1 The warning/hazard symbols in this manual are used for all dangerous operations that may result in personal injury or property damage. Please read it carefully and use it as required in this manual.

3.2 It is strictly forbidden to smoke while using this product! Do not put matches, burning cigarettes and any ignition source in the room where the oxygen concentrator is located. Textiles or other materials that are not easily flammable under common conditions will become flammable and burn quickly in oxygen-rich air.

3.3 Grease or oily substances are prone to spontaneous combustion when they come into contact with oxygen under pressure. These substances must be kept away from the oxygen concentrator, pipes, connections and other oxygen concentrator parts.

Troubleshooting

Malfunction	Possible cause	Recommended solution
The oxygen generator can be turned on but not working	Oxygen concentrator low battery	The real-time battery power is displayed after oxygen concentrator is switched on. When the battery voltage is lower than 12.8V, the icon flashes at a frequency of 1Hz to indicate low voltage; when the battery voltage is lower than 12V, the icon flashes at a frequency of 5Hz for 10 times and then it automatically shuts down. Please charge in time if this happens
	Contact device dealer if oxygen concentrator still not work properly	
The oxygen concentrator is working, but there is little or no air output via the oxygen output port	Oxygen delivery line kinked or obstructed	Straighten out the pipeline
	Filter sponge is dirty	Clean and replace filter sponge
	Contact device dealer if it persists	

Note: Please contact the device dealer if problems not addressed with the measures taken above.

After-sales service

1.1 Manufacturer guarantees return, replacement, and repair if this product has quality problems caused by non-human factors within seven days from the date of receipt ; under normal use and storage, the manufacturer will provide free maintenance if product has quality problems within one year from the date of purchase. (The compressor warranty period is three years)

1.2 The user can mail the product to manufacturer if the product has quality problems after one year from the date of purchase, based on the invoice and warranty card the manufacturer provides parts and repairs for a reasonable fee.

1.3 The warranty period shall be determined based on the device information or factory date extended by one month if the user is unable to provide an invoice.

Repair and maintenance

1.1 Device cleaning

Wipe and clean the outside of the device at least once a month.

Warning: When cleaning, please disconnect the power supply and wipe with a clean, soft, slightly damp cotton cloth or sponge, remember not to let the liquids penetrate into the cracks of the case.

1.2 Cleaning or replacement of filter sponge

The cleaning and replacement of the air intake filter sponge is very important to protect the compressor and molecular sieve and extend the life of the oxygen concentrator. Please clean and replace it in time.

Warning: Do not operate the oxygen concentrator when the filter sponge is not installed or when it is wet, as this will permanently damage the device. It is generally recommended to clean or replace every 200 hours of use. It should be replaced or cleaned immediately regardless of the length of use if there is obvious dust accumulation.

Cleaning method: Use diluted detergent to clean and wash with clean water. The filter must be completely dried before installing in the device.

1.3 Loading and removing of filter sponge

The filter sponge is located on the side of the oxygen concentrator and its sponge compartment is fixed by two screws. When replacing, remove the screws first, then take out the old filter sponge, put in a new filter sponge according to its corresponding specification, and tighten the screws after the replacement is completed.

1.4 Nasal oxygen tube cleaning

The nasal oxygen tube is a disposable product. If it needs to be reused, it should be cleaned with medical alcohol after use.

Cleaning method: Soak in medical alcohol for about 5 minutes, and then dry it. After cleaning, please check the nasal oxygen tube for foreign matter or damage, please stop using it and replace it with a new nasal oxygen tube if there is any foreign matter or damage.

Warning: During the cleaning process, be sure to keep the inside of the nasal oxygen tube dry. If liquid enters it accidentally, replace the nasal oxygen tube with a new one in time.

3.4 In order to achieve the best performance of the portable oxygen concentrator, it is recommended that each time the oxygen concentrator is switched on, it should be left running for more than 30 minutes. Frequent switching on and off of the machine in a short period of time will reduce the service life of the oxygen concentrator.

3.5 The power cord should be kept away from heat sources or high-temperature surfaces.

3.6 It is strictly forbidden to insert any sharp/small objects into any opening of the oxygen concentrator.

3.7 It is strictly forbidden to block the air inlet of the oxygen concentrator, the heat dissipation outlet, or any other holes and cracks on the machine.

3.8 It is recommended to use a standard nasal oxygen tube that is resistant to extrusion and has a medical device registration certificate.

3.9 This device supports 12V vehicle charging and AC charging. It is advised not to use anything other than Sanai's original power supply for car charging, or it may damage the battery or the device.

3.10 Do not use the oxygen concentrator while taking bath.

3.11 Do not use the oxygen concentrator in a humid environment. Do not use or store the oxygen concentrator in places where water or liquid is easy to enter, and it is strictly forbidden to use the machine that has fallen into water or other liquids. Please cut off the power immediately if it falls into water.

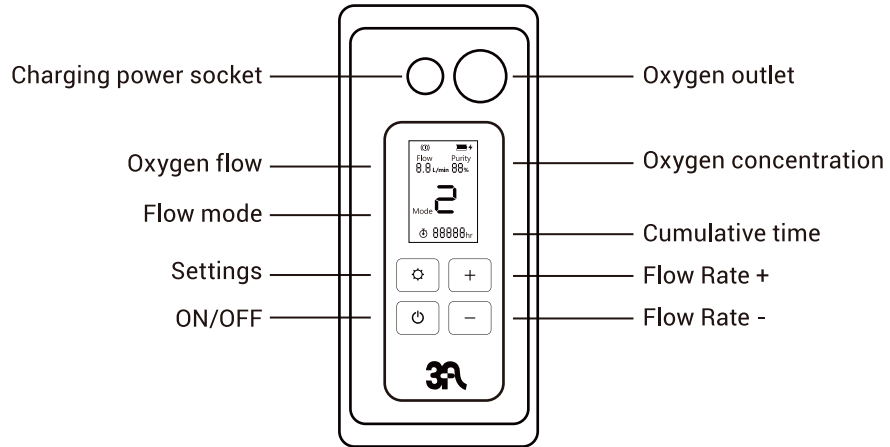
3.12 If the battery or charging cable is damaged, it must be replaced by the manufacturers maintenance department or a qualified professional to avoid any dangers.

3.13 If it is not a defect of the product itself, but improper use by the user that lead to accident or damage, the product manufacturer shall not be liable.

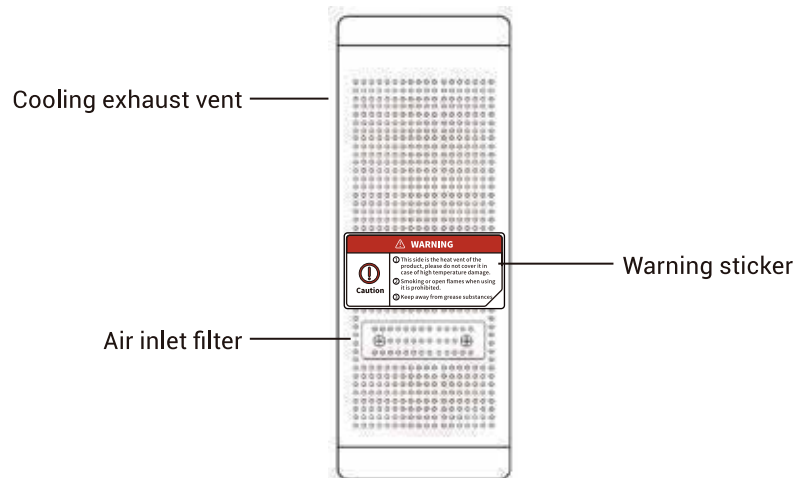
Product introduction

1. Product description

Product Interface



Side view



What's in the box?

Note: After unpacking the box, check it according to the following packing list. If there are defective parts, contact the sales staff for replacement in time.

Oxymov 3 x 1
Battery x 1
Power adapter x 1
Backpack x 1
Ear-hook oxygen inhaler x 1
Nasal Oxygen Tube x 1
User Manual/Warranty Card/Certificate x 1

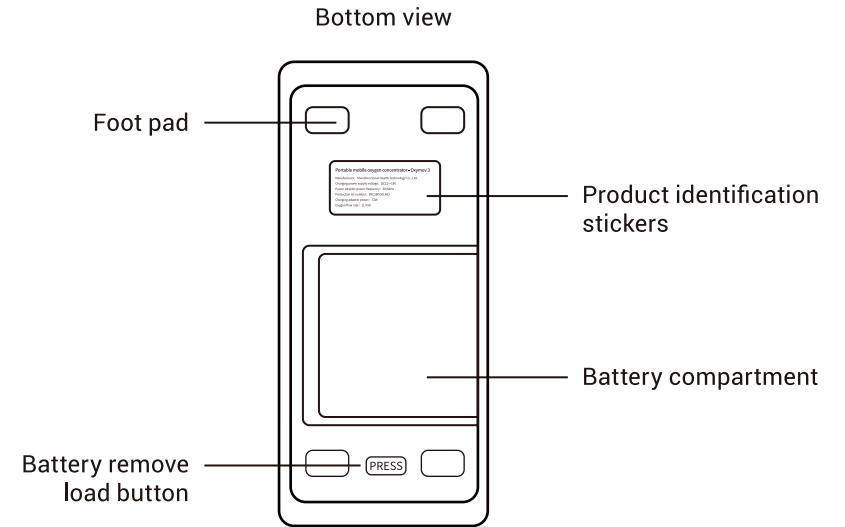
Note: The Company reserves the right to change in technology and change in appearance, subject to change without notice.

6.2 DC power cord for car charging: Please use the original DC power cord to charge your Oxymov 3 while traveling in a vehicle. Plug the 12V DC power cord into the charging port of Oxymov 3 and insert the other end into the cigarette lighter socket of your vehicle. On the DC power cord for car charging, a red light will turn on and your Oxymov 3 will start charging. Feel free to use your portable oxygen concentrator while it's plugged into your vehicle.

6.3 Battery installation: Press the battery removal button in the bottom of Oxymov 3 and place the battery into the battery compartment and slide it in until the battery is stable. You will hear a mechanical 'click' sound after the battery is placed right. Oxymov 3 will beep three times after installing the battery.

6.4 Battery removal: Press the battery removal button and carefully take the battery out.

6.5 Recommendation: When installing the battery, it is recommended to place the device upside down on a flat surface to ease the whole process.





2. Product specifications


Product name	Portable Oxygen Concentrator
Model	Oxymov 3
Charging voltage	DC12~18V
Power adapter output voltage	DC 12V
Adapter power supply voltage	AC 100V~240V
Adapter power supply frequency	50/60HZ
Oxygen concentrator rated power	About 54W
Vehicle charger specification	Support DC 12V power socket for car charging
Battery pack operating voltage range	12.5V~16.8V
Oxygen flow	≥1L/min
Oxygen concentration	Maximum 93%±3%
Battery life	About 3 hours
Battery charging time	7.5 hours to fully charge (while it's not in use)

Machine noise	<57 DB
Product dimension	178*85*237 mm
Product weight	3.1 Kg (with battery)
Temperature range	5C - 40C, <80%HR, 86kPa-101kPa


3. ON/OFF button


While using Oxymov 3 for the first time install the battery as per instructions in 6.3 and long-press the  button to turn it on. Double press the  button and you will hear the air pump start working, which will initiate the oxygen concentration process.

Note: Oxygen concentration will reach a stable level approximately in 10 minutes. During the oxygen production process, it is normal for the screen to automatically turn off. Tap any key to turn the screen back on.

Power on: Long press the  button, the screen display will light up and your Oxymov 3 be turned and ready to start oxygen concentration.

Start oxygen concentration: Double press the  button and the air pump will start working and the oxygen concentration process will start right away.

Stop oxygen concentration: Double press the  button to stop the oxygen concentration anytime.

Power off: Long press the , the screen display will turn off and Oxymov 3 will be shut down.

4. Oxygen concentration and flow rates



4.1 Please adjust the oxygen flow rate to adjust oxygen concentration level


Oxymov 3 has a corresponding oxygen concentration for each oxygen flow rate, which cannot be manually changed.

It is important to use the right oxygen flow rate settings. It is very important to choose the oxygen flow rate setting. Please consult with your doctor to know the right oxygen flow rate for you. When advised by a doctor, the user can also use the oxygen concentrator during sleep.

Oxygen flow	≥ 1L/min
Oxygen concentration	Maximum 93%±3%

4.2 Adjustable oxygen flow rate for every user's own needs

Increase oxygen flow rate: After double-pressing the  button, Oxymov 3 will start oxygen concentration, at this point you can press the 'flow rate increase'  button to increase the flow rate.

Decrease oxygen flow rate: To decrease the oxygen flow rate, press the 'flow rate decrease'  button to decrease the flow rate.

5. Connecting the nasal oxygen tube

Attach the nasal oxygen tube to the oxygen outlet on Oxymov 3, and make sure it's not kinked or blocked anywhere to avoid the leakage/blockage of the oxygen flow, and to avoid triggering the protective alarms.

6. Power adapter and battery

6.1 AC power adapter: Please use the original AC power adapter to charge your Oxymov 3. Connect the AC power cord into the charging port on Oxymov 3 and insert the other end into a 220V power socket. On the AC power adapter, a red light will turn on and your Oxymov 3 will start charging. Oxymov 3 will work properly while plugged in for charging and can be used.