

7L High-Efficiency Filtered Compressed LCD Display Portable Home Hospital Grade Oxygen Generator

Our Product Introduction

for more products please visit us on oxygenconcentratormedical.com

Basic Information

- Place of Origin: China
- Brand Name: MEDIRS
- Certification: CE,ISO13485,SGS ,FCC,RoHs
- Model Number: JY102W
- Minimum Order Quantity: Negotiable
- Price: Negotiable
- Packaging Details: OPP packing ,1pcs per Carton. Carton size:540*370*695mm,Gross Weight:21kgs.
- Delivery Time: 3-5 Working days
- Payment Terms: T/T, Western Union
- Supply Ability: 1000pcs



Product Specification

- Oxygen Flow: 1-7 L/min
- Operating Noise: ≤42 DB
- Instrument Classification: Class II
- Carton Size: 355 * 230 * 370 Mm
- Oxygen Concentration: 90% ±3%(1L/min)
- Outlet Pressure: 8.5 PSI
- Machine Size: 355 * 230 * 180 Mm
- Net Weight: ≈ 5.5 Kg
- Highlight: 7L medical oxygen concentrator,
7L medical grade oxygen concentrator,
portable medical oxygen concentrator



More Images



7L Household Oxygen Generator: Silent And Efficient Compression Adsorption Medical Grade Oxygen Production

German Quality Elaboration Manufacturing

Product front





How does an oxygen generator generate oxygen?

Air intake: The POC draws in ambient air from the surroundings using a built-in compressor. This air contains approximately 21% oxygen, along with other gases like nitrogen, carbon dioxide, and trace elements.

Filtration: The incoming air passes through a series of filters to remove impurities, dust, and other particulate matter. These filters ensure that the air entering the concentrator is clean and free from contaminants that could affect the user's health.

Compression: The filtered air is then compressed using a compressor. The compressor increases the pressure of the air, allowing it to be more efficiently processed in subsequent stages.

Sieve bed adsorption: The compressed air is directed into a molecular sieve bed, which is typically filled with a material called zeolite. Zeolite has the ability to selectively adsorb nitrogen from the air while allowing oxygen to pass through. As a result, the nitrogen is trapped within the sieve bed, and the oxygen is concentrated.

Oxygen collection: The concentrated oxygen is collected and directed into a reservoir or storage chamber. This reservoir acts as a buffer, ensuring a continuous and stable supply of oxygen even when the user inhales rapidly or the demand fluctuates.

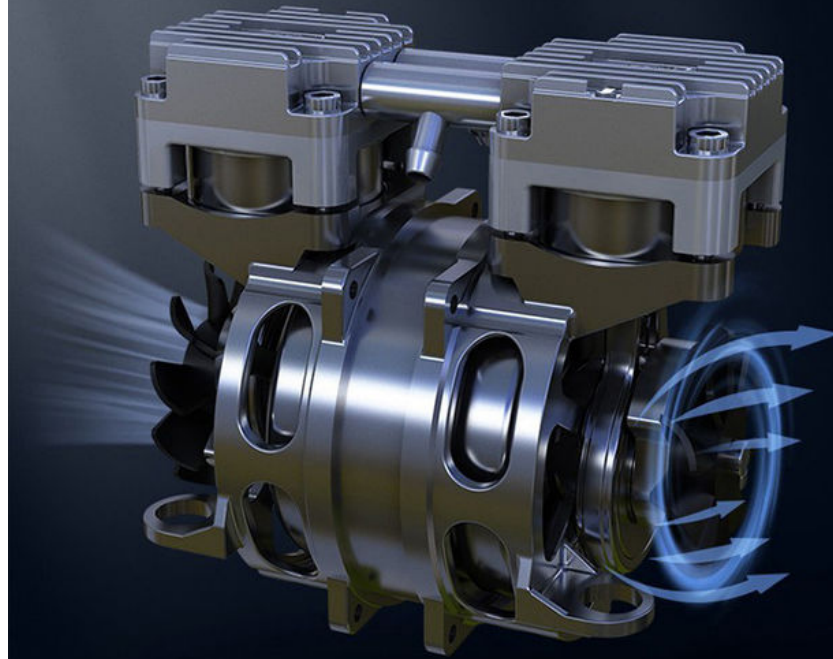
Oxygen delivery: The concentrated oxygen is delivered to the user through a nasal cannula or a mask. The user can breathe in the enriched oxygen, which helps to increase the oxygen levels in their bloodstream.

Waste gas release: The nitrogen and other waste gases that were adsorbed by the sieve bed during the adsorption process are released back into the environment. This allows the concentrator to continue functioning and producing concentrated oxygen.

Oil-free pure copper compressor

Independent R&D, multiple leading technologies

Built-in overheat protection function; low noise and strong power



Independent R&D, High adsorption molecular sieve

Super adsorption capacity, slow decay



Super adsorption capacity



Pure oxygen outlet



Stable



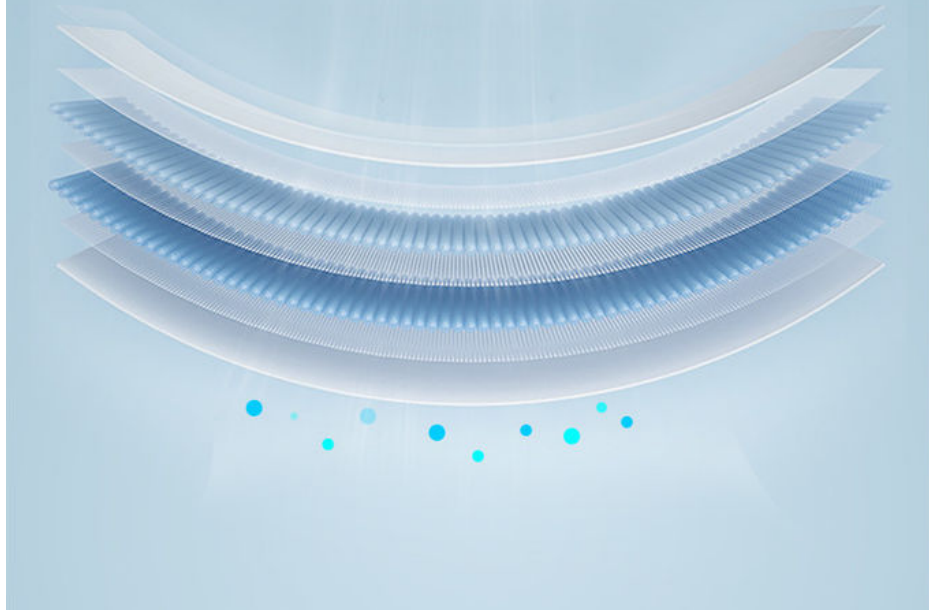
Long use life



8 level filtering system

4 level filtering for air inlet and denitrogenation + 4 level filtering for oxygen outlet

Make sure the oxygen outlet is pure and clean



Medical oxygen concentrators are devices that provide a convenient and cost-effective way for patients with respiratory conditions to receive supplemental oxygen. These devices work by filtering and concentrating oxygen from the air, which is then delivered to the patient through a nasal cannula or mask.

There are many different types of medical oxygen concentrators on the market, how do we choose oxygen concentrators?

Portability: If the patient needs to travel or move around frequently, a portable oxygen concentrator may be the best option. Portable concentrators are lightweight and compact, and can be easily carried in a backpack or shoulder bag.

Flow rate: The flow rate of the concentrator determines how much oxygen it can deliver to the patient. Patients with more severe respiratory conditions may require a higher flow rate, so it's important to choose a concentrator that can meet their needs.

Noise level: Some concentrators can be quite loud, which can be bothersome for patients and their families. Look for a concentrator that operates quietly, especially if the patient will be using it at night.

Price: Medical oxygen concentrators can vary widely in price, from a few hundred dollars for a basic model to several thousand dollars for a high-end unit. Make sure to choose a concentrator that fits within the patient's budget, while still meeting their needs.

It's important to note that a medical oxygen concentrator should only be used under the guidance of a healthcare professional. They can help determine if oxygen therapy is appropriate for an individual's specific medical condition and provide guidance on how to properly use the device.

Overall, a medical oxygen concentrator can provide a safe, convenient, and effective solution for individuals who require supplemental oxygen therapy at home.

MEDRIS

JY-102W

7L FLOW RATE ADJUSTABLE

Oxygen concentration $90\% \pm 3\%$



Oxygen
concentration



Atomization



HD large
screen



Continuous
and stable oxygen
supply for
48 HOURS
★★★★★

Home-use Health Care And Medical Treatment



HYPOXIC PEOPLE

Quickly increase blood oxygen saturation, increase oxygen content in the body, and help to do adjunct therapy.



NORMAL HEALTH-CARE

When pregnant women, office workers or students are dizzy and fatigued, they can lessen their symptoms by inhaling oxygen. And it also helps to maintain their energy.



DOUBLE OXYGEN INHALATION

Medical level oxygen rate which concentration and flow can support two people to inhale oxygen at the same time.

Oxygen concentration and atomization, Multiple functions in one machine

Double oxygen inhalation for 2 people

Atomization
outlet

Oxygen
outlet



All The Accessories

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1 Machine



2 Power cord



3 Remote control



4 Manual



5 Nasal cannula



6 Level 1 filter



7 Level 2 filter



8 Fuse

Only attached within JY-102W



9 Atomizing cup



10 Atomizing mask



11 Atomizing tube



12 Atomizing mouth

Product Parameter

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Product name MEDRIS 1L Oxygen Concentrator	Product model JY-102W	Flow 1-7L/min adjustable flow rate
Oxygen concentration 90%±3% (1L/min)	Oxygen pressure range 86kPa-106kPa	Method Pressure swing adsorption (PSA)
Atomization rate ≥0.2ml/min (Only attached within JY-102W)	Operating noise ≤42dB(A weighting)	Operation mode Continuous operation
Power supply AC 220V/50Hz 110V/60Hz	Dimensions 305*180*300mm (length, width and height)	Net weight About 5.5KG

Wire-less Remote Control

Portable and steady in your hand



Power on/off



Timing +/-



Smart wireless
remote control

HD large screen voice broadcast function

Big fonts, big buttons, backlit display, easy for elders to use.



INTELLIGENT OXYGEN
GENERATOR

Damping technology

Structural noise reduction technology

Double patents, focus on details

Fully support high-quality sleep



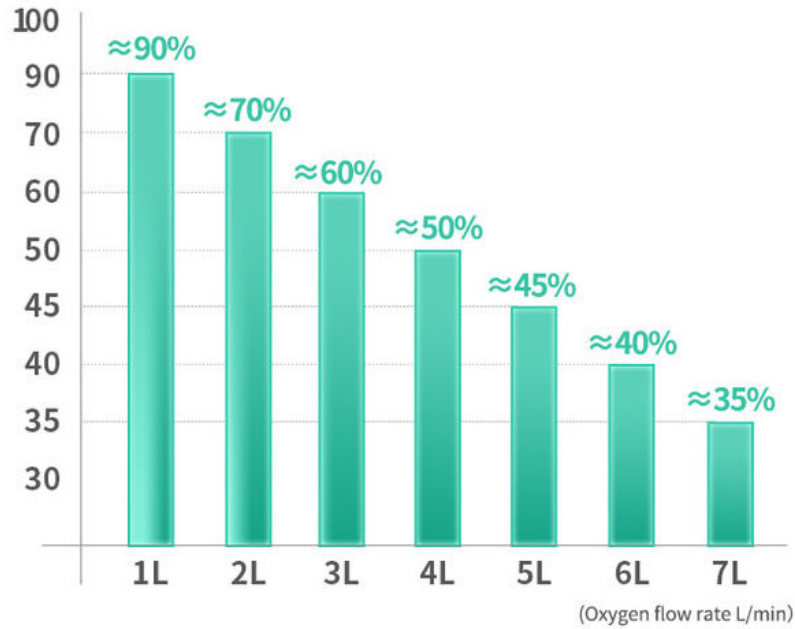
≈42dB

MUTE
AND UPGRADE

Large Flow

More applicable occasions

(Oxygen concentration %)



HIGH OXYGEN
CONCENTRATION



1-7L/MIN ADJUSTABLE
FLOW RATE



OXYGEN CONCENTRATION
REAL-TIME MONITORING



SMART ALERT



HD LARGE SCREEN



ATOMIZATION
FUNCTION



6-LEVEL LOW
NOISE TECHNOLOGY



MOLECULAR SIEVE



TWO-CYLINDER
PUMP COMPRESSOR

Packaging

...

01



02



03



04



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