Home Oxygen Generator: Silent and Clean Compression Adsorption Medical Grade Oxygen 7L

Our Product Introduction

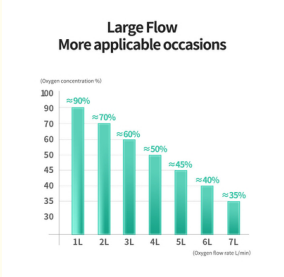
Basic Information

- 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

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

More Images



Product Description

7L Home Oxygen Generator: Silent and Clean Compression Adsorption Medical Grade Oxygen

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.

Independent R&D,
High adsorption molecular sieve

Super adsorption capacity, slow decay

- Super adsorption capacity
- Pure oxygen outlet
- Stable
- Long use life

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.

MIt'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.

Home-use Health Care And Medical Treatment

HYPOXIC PEOPLE

Quickly increase blood oxygen saturation, increase oxygen content in the body, and help tp do djuvant 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.

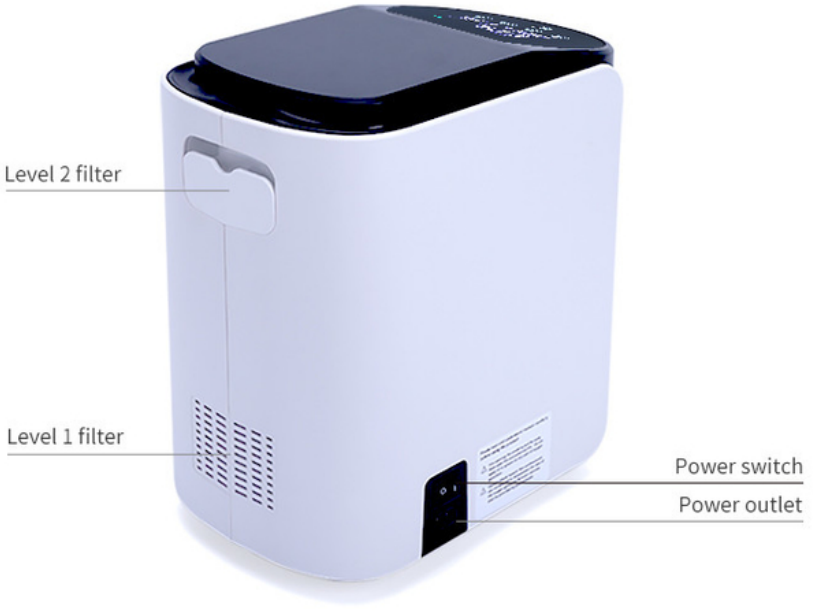

Oxygen concentration and atomization ,
Multiple functions in one machine
Double oxygen inhaltion for 2 people
Atomization outlet
Oxygen outlet
NEORIS

German Quality

Elaboration Manufacturing

Product front

Product back



All The Accessories

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

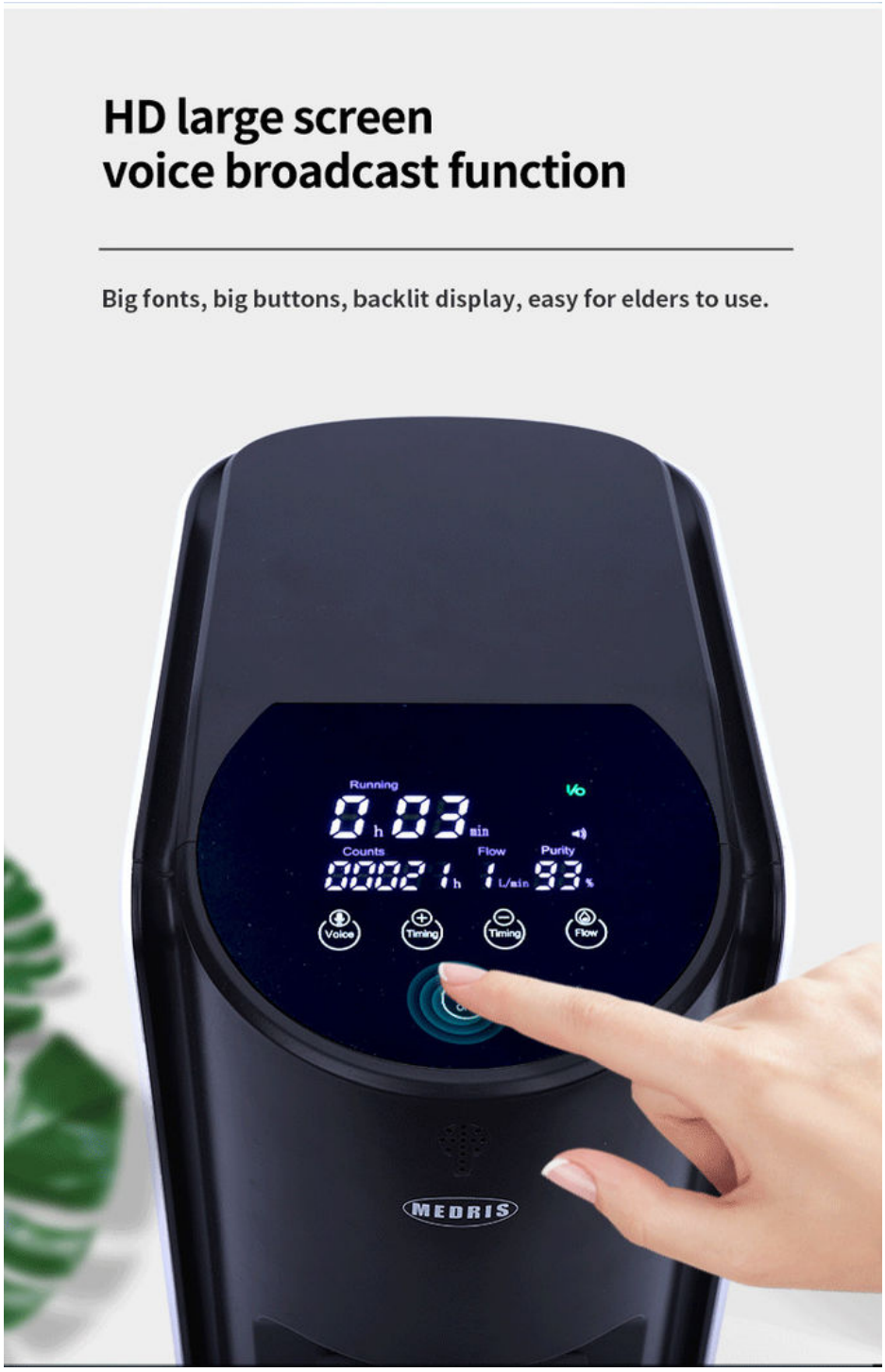
Product Parameter

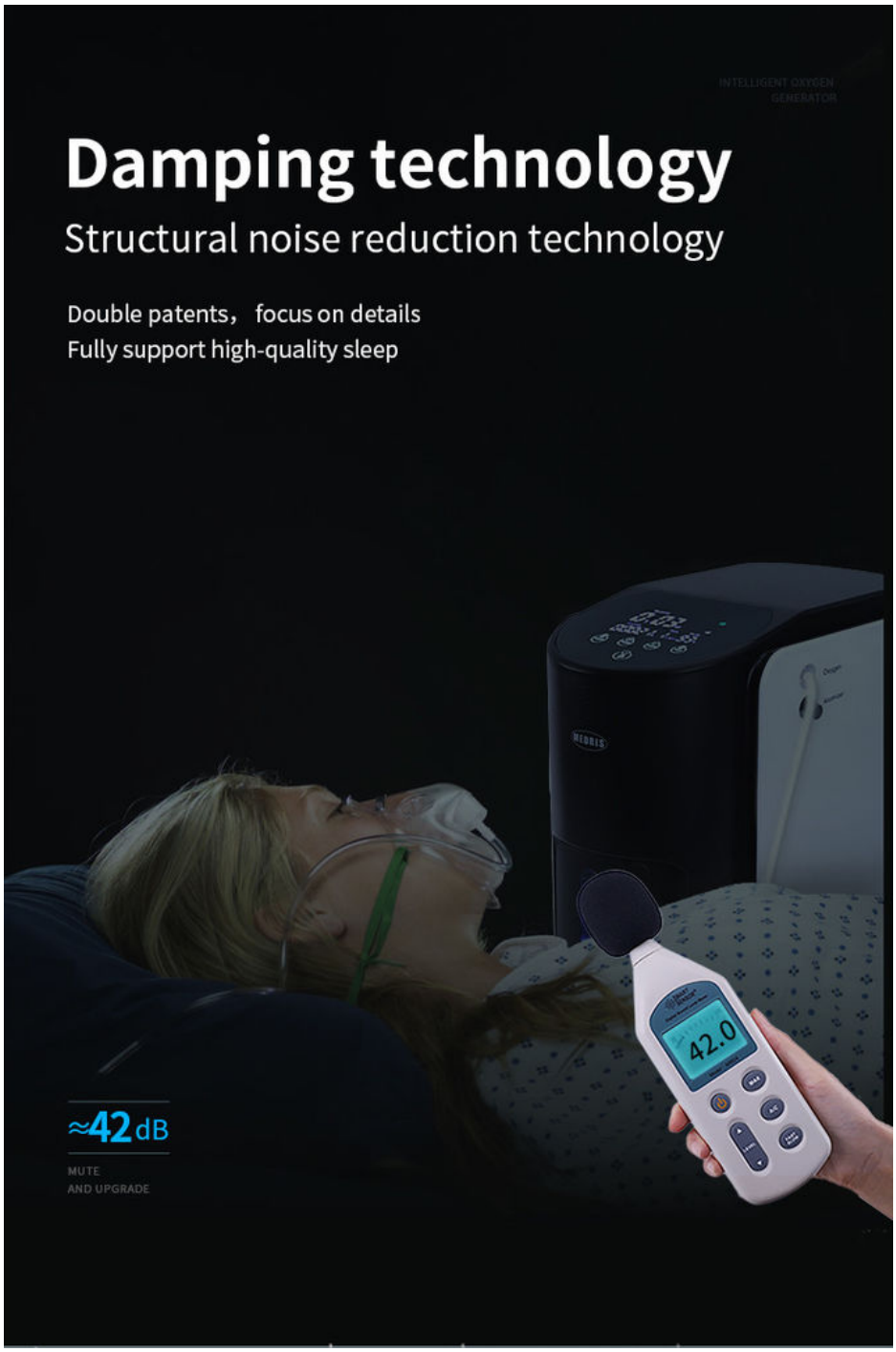
Product name	Product model	Flow
MEDRIS 1L Oxygen Concentrator	JY-102W	1-7L/min adjustable flow rate
Oxygen concentration	**Oxygen pressure range**	**Method**
90%±3% (1L/min)	86kPa-106kPa	Pressure swing adsorption (PSA)
Atomization rate	**Operating noise**	**Operation mode**
⩾0.2ml/min (Only attached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


Wire-less Remote Control
Porable and steady in your hand
Power on/off
Timing +/-
Smart wireless
remote control

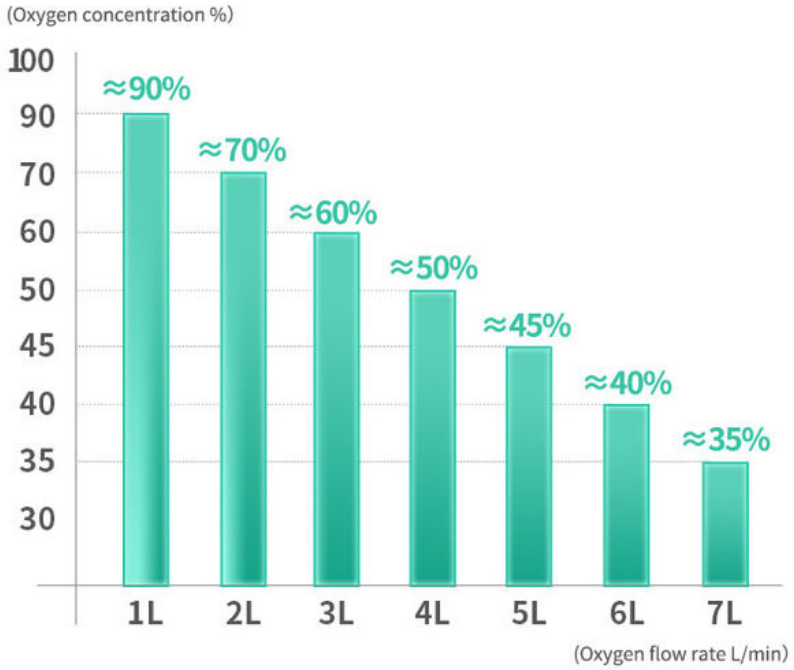
HD large screen
voice broadcast function

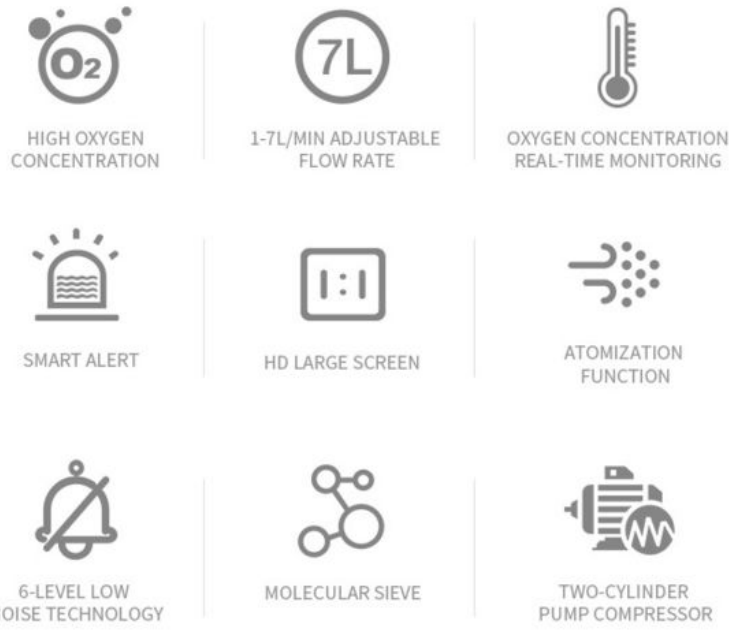
Big fonts, big buttons, backlit display, easy for elders to use.




INTELLIGENT OXYGEN GENERATOR
Damping technology
Structural noise reduction technology
Double patents， focus on details
Fully support high-quality sleep
≈42 dB
MUTE
AND UPGRADE
42.0

Large Flow
More applicable occasions





Packaging

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