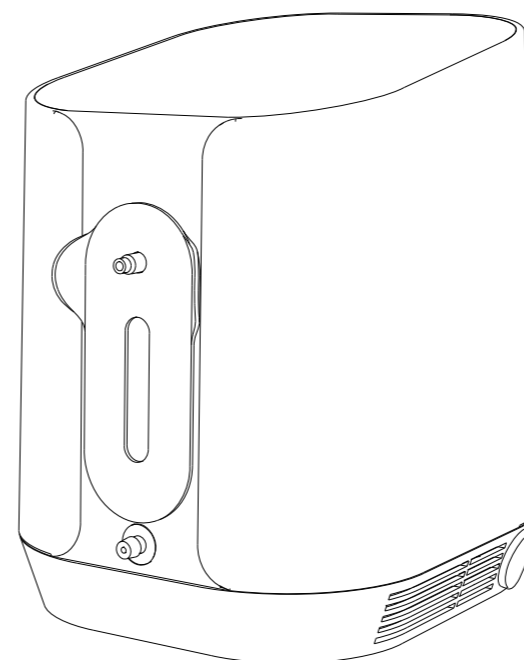




User Manual



Portable
Oxygen Concentrator

User manual

- 1. Foreword
- 2. Schematic Description
- 6. Instructions
- 10. Technical Description
- 11. Maintenance
- 12. Troubleshooting
- 13. Accessories List
- 13. Quality Assurance
- 14. Glossary

Manual del usuario

- 43. Prólogo
- 44. Descripción esquemática
- 48. Instrucciones
- 52. Descripción técnica
- 53. Mantenimiento
- 54. Solución de problemas
- 55. Lista de accesorios
- 55. Garantía de calidad
- 56. Glosario

Manuel

- 15. Avant-propos
- 16. Description schématique
- 20. Des instructions
- 24. Description Technique
- 25. Entretien
- 26. Dépannage
- 27. Liste des accessoires
- 27. Assurance qualité
- 28. Glossaire

Manuale d'uso

- 57. Prefazione
- 58. Descrizione schematica
- 62. Istruzioni
- 66. Descrizione tecnica
- 67. Manutenzione
- 68. Risoluzione dei problemi
- 69. Elenco accessori
- 69. Garanzia di qualità
- 70. Glossario

Benutzerhandbuch

- 29. Vorwort
- 30. Schematische Beschreibung
- 34. Anweisungen
- 38. Technische Beschreibung
- 39. Wartung
- 40. Fehlersuche
- 41. Zubehör-Liste
- 41. Qualitätssicherung
- 42. Glossar

1 Important:

Users should read this entire manual before operating the XM-898 oxygen concentrator. Failure to do so could result in personal injury. If you have questions about the information in this user manual or about the safe operation of this system, please contact your distributor.

2 Intended use:

XM-898 oxygen concentrator is intended to provide supplemental oxygen to patients with chronic pulmonary diseases and any patient requiring supplemental oxygen. The device is portable, enabling patients who need an oxygen device to be treated at home according to a clinician's prescription or direction.

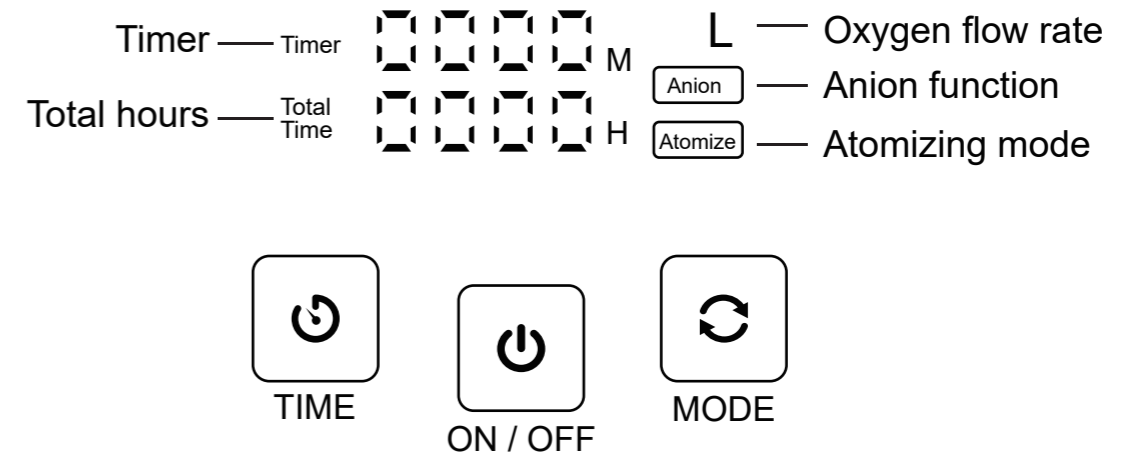
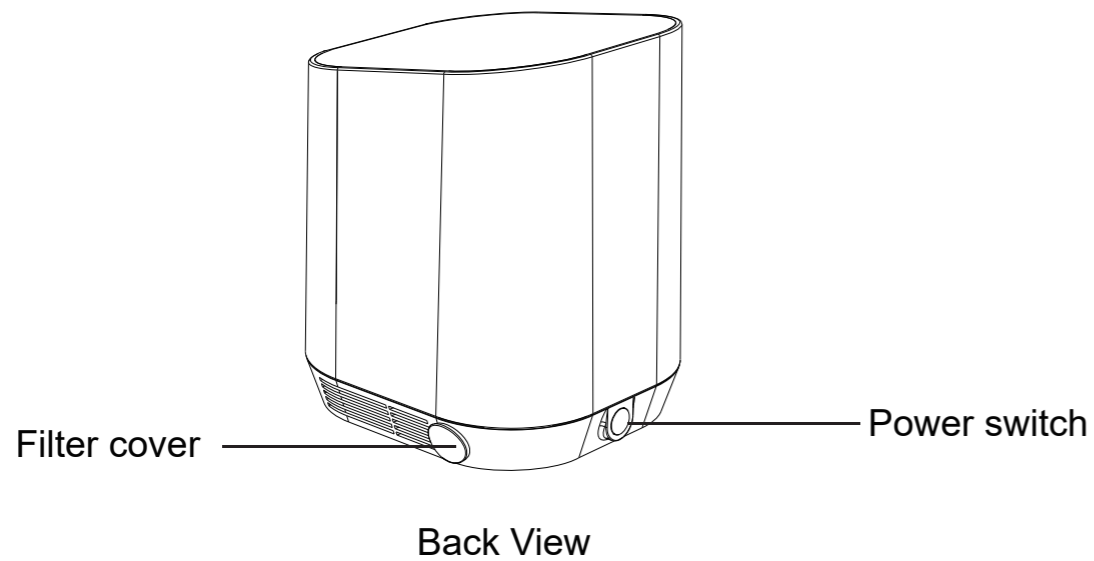
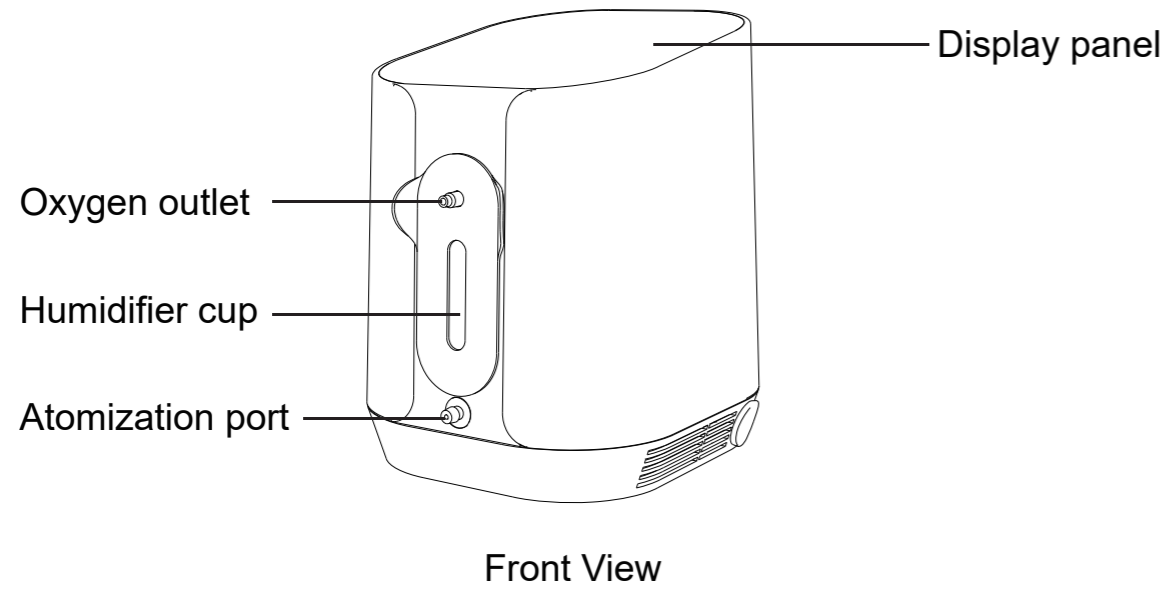
⚠ Oxygen concentrator is not intended to be used:

1. In life-supporting or life-sustaining situations.
2. In an operating or surgical environment.
3. With a non-adult population.
4. In conjunction with flammable anesthetic or flammable materials.

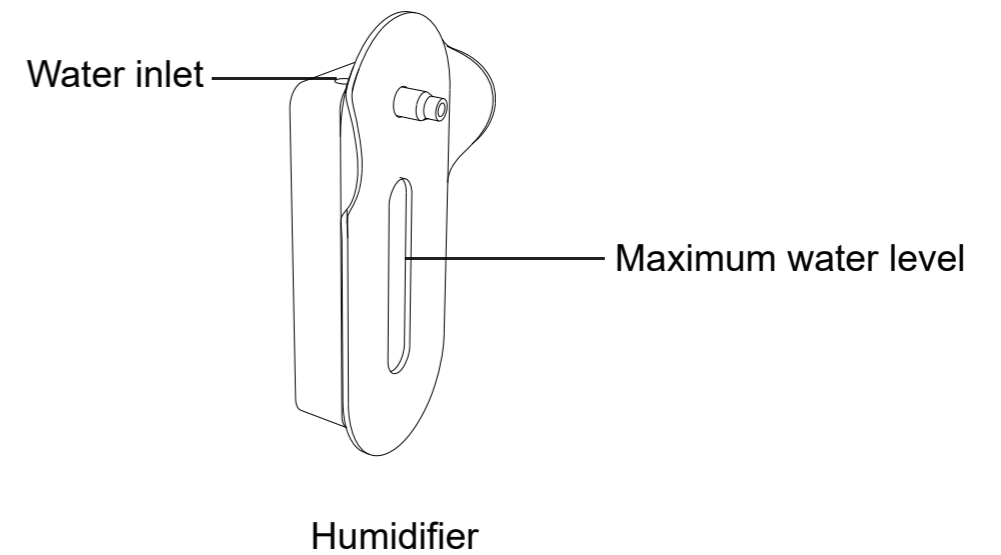
3 Caution:

1. If you feel unwell when using it, stop using it immediately and seek medical attention.
2. Smoking (including e-cigarettes) during oxygen therapy is dangerous and is likely to result in facial burns, serious injury or death of the patient and others from fire.
3. Use only water-based lotions that are oxygen compatible, before and during oxygen therapy. Never use petroleum or oil-based lotions or salves when operating the device to avoid the risk of fire and burns.

4 Schematic Description

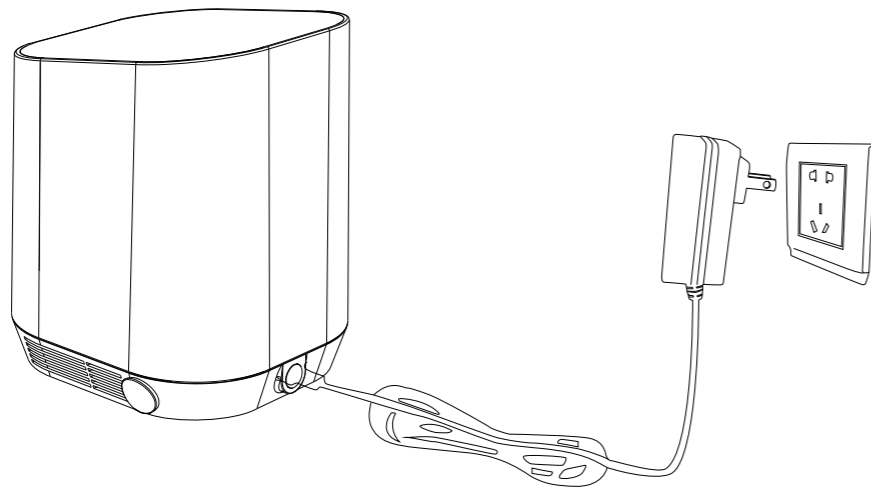


Display and Control panel

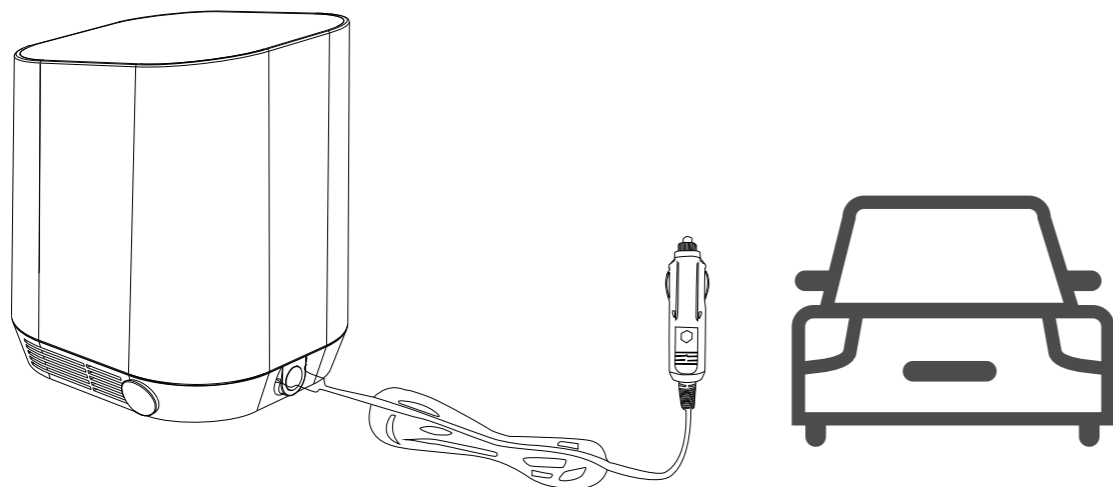


5 This device can be powered by 3 ways:

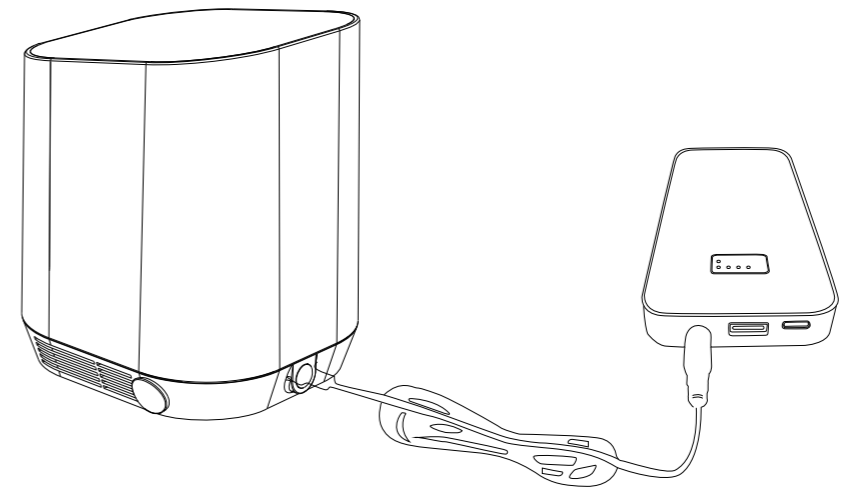
1. It can be used with power adapter;



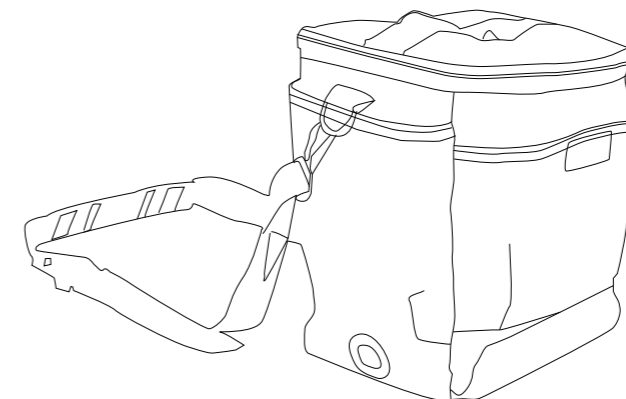
2. The machine can be connected to car cigarette lighter;



3. It also can be connect to rechargeable 12V, 3A output bank;
PS: The battery needs to be purchased separately.



If you need extra battery or carry bag please contact us



6 Preparation:

1. Gently pull out the humidifier cup by pressing your fingers against the cocked part of the humidifier cup (Fig. 1). Open the rubber stopper and add the appropriate amount of distilled or filtered water (mineral or tap water should not be used), the water level should not exceed the maximum level (Fig. 2).

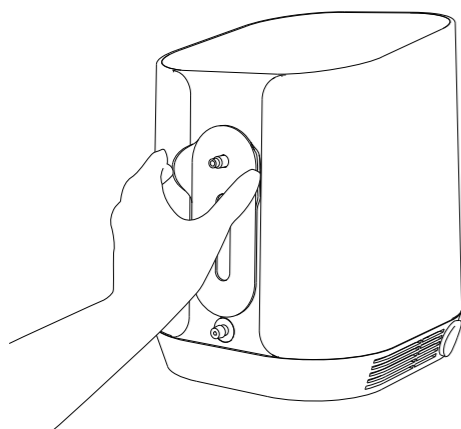


Fig. 1

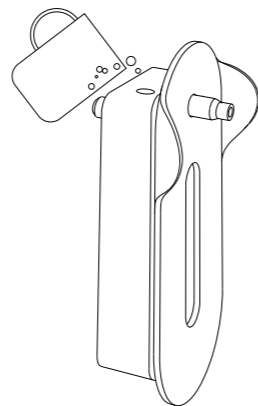


Fig. 2

► Note: The machine will continue to produce oxygen even when the humidifier cup is out of water. However, under these conditions, the final oxygen is very dry and should not be used for long periods of time, which will result in dry and chapped nasal passages.

2. Put the rubber plug back on and return the humidifier cup to the machine.

3. Plug the power cable into the round power supply hole on the back of the machine, the screen lights up to show the accumulated running time of the machine and the oxygen generator goes into standby operation (Fig. 3).

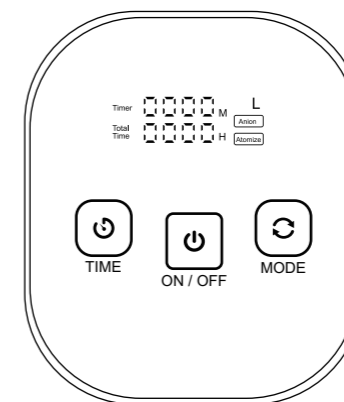


Fig. 3

► Note: When the oxygen concentrator is in operation, it will make a "crackling" sound every few seconds, this is a normal operating sound and exhaust sound.

⊘ Do not use an extended power cord.

7 How to use oxygen concentrator?

1. Put on the nasal cannula, connect the larger end of the cannula to the oxygen outlet of the machine and press the "ON/OFF" button to start the machine running and oxygen intake can begin (Fig. 4).

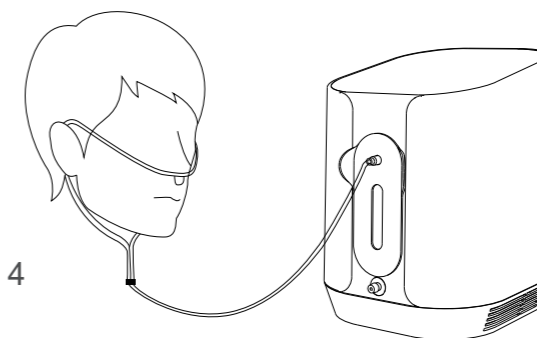


Fig. 4

2. Press the "MODE" button to change the oxygen output flow rate between 1L and 4L. As the number increases, the volume of gas output per unit minute increases and the oxygen concentration decreases.

Oxygen flow rate	Oxygen purity	Suitable for
1L/min	90%	Patients with severe diseases, those who need to use ventilators, those who need oxygen for a long time every day
2L/min	80%	Patients with moderate respiratory disease, hypertension, hyperglycaemia, cardiovascular disease
3L/min	40%	Mild respiratory diseases
4L/min	30%	Pregnant women with mild hypoxia, students or office workers who use brains for long periods of time, people who travel to higher altitudes, etc

⚠ Cautions: Your doctor will prescribe the appropriate amount of oxygen for you. If you aren't sure about which setting to use, call your doctor for clarification.

8 Nebulising function

1. Insert the nebuliser tube into the nebuliser port on the lower front of the machine and the other end into the nebuliser cup (Fig. 5).

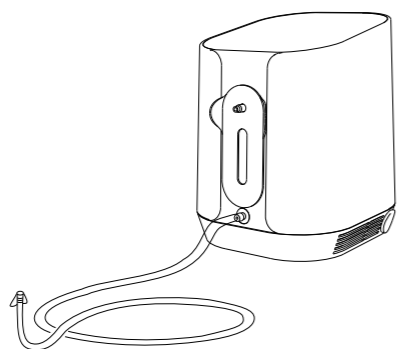


Fig. 5

2. Connect the atomization mask to the atomization cup and place the medication in the cup (consult your doctor) (fig. 6).

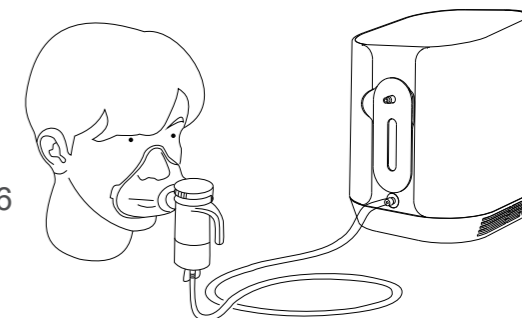


Fig. 6

3. Press the "MODE" button to switch to "Atomize" mode, put on the mask and start using the nebulising function (Fig. 7).

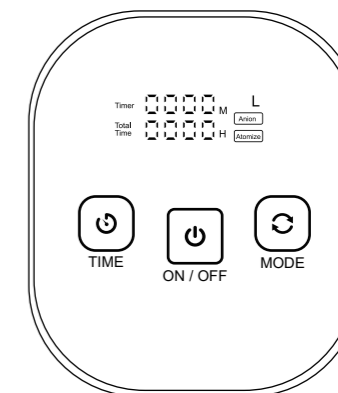


Fig. 7

► Note: The atomising hood can also be replaced with an oral atomizing.

9 Timing function

1. Press the "TIME" button to set the time, press once to increase by 30 minutes, from 30 minutes to 480 minutes (8 hours).

2. The machine will automatically stop when reach the time set.

► Note: If you do not set a timer, the machine will continue to run until you manually press the OFF button.

Model	XM-898
Product	Oxygen concentrator
Power consumption	50W
Input	DC12V 3A
Oxygen purity	30%~90%
Oxygen flowrate	1-4LPM
Output pressure	25kPa~85kPa
Anion content	10^5 pcs/cm ³
Noise	<45dB (A)
Size	169mm (L) X 147mm (W) X 211mm (H)
Weight	2.6kg

10 Clean the machine casing

1. Frequency: Wipe and clean the housing at least once a month.
2. Steps: First disconnect the power supply, and then wipe with a clean, soft, slightly damp cotton cloth or other tool.

⚠ Caution: Do not allow liquid to seep into the crevices of the case to avoid damage.

11 Clean or replace the filter

The cleaning and replacement of the filter is important to protect the compressor and molecular sieve and to extend the life of the oxygen generator.

1. Frequency: The filter should be cleaned or replaced once every 100 hours during general running time. The actual cleaning time should be determined by the actual time of use and environmental influences. If the filter becomes dark or has a visible build-up of dust, it should be cleaned or replaced immediately, regardless of the length of use.

2. Steps: Locate the filter on the right-hand side of the machine and remove the filter. Wash it with water or a neutral detergent and dry it in the sun or naturally.

► Note: Must wait until the filter is completely dry before installing it on the machine. Normally, after cleaning and reuse, each filter sponge will last for about 6 months.

12 Clean the humidifier cup

1. Change the water in the humidifier cup daily and once a week rinse with detergent and then wash with water.
2. If the water has not been changed or cleaned for a long time, which results in limescale or odour in the cup, use white vinegar to soak it for half an hour or more, and then fill it with water and shake it vigorously to clean it.

If the following inspection and treatment still cannot be resolved, please consult agent

Symptom	Reason	Solution
Machine not working	Is the power plug plugged in?	Please plug it in
	Is the power switch pressed?	Please press the ON-OFF power switch
	Has the fuse blown?	Please replace the fuse
No oxygen in the oxygen tube	Is the oxygen tube in plugged?	Prevent the tube from getting-tangled by inserting it tightly into the connector
	Are the air inlet and exhaust ports blocked?	Please clean the suction port for dust and verify that there are no obstructions
	Is there dirt or water in the oxygen tube and on the inlet?	Make sure the tube is clean, if not, please replace it
	Does the tip of the nozzle-work properly?	Please align the oxygen outlet with the direction of the nose of the oxygen tube
Reduced flow of oxygen in use	Are the tubes bent and tangled?	Please keep the tube straight
	Is the tube clogged?	Please remove foreign bodies from the tube
Outlet tube and device smells	Is the tube dirty?	If the tube is dirty, please replace it
	Is there an unpleasant smell in the air?	Please use oxygen concentrator in fresh air

* When the device is overheated, please stop using it immediately and please consult agent or after sales email: creliver_service@163.com.

* If the above method still does not solve the problem, please contact the agent or after sales email: creliver_service@163.com.

13 Accessories List

Nasal cannula*1 Nebulisation kit*1 User manual*1
 Filters*2 Car power adapter*1

14 Quality Assurance

1. Please keep the guarantee properly. Loss of it may result in failure to obtain after-sale quality guarantee.
2. The quality guarantee period is 2 year from the date of purchase.

Provide free maintenance according to the period and conditions stated in the guarantee.

For repairs after the warranty period, please consult each dealer.

Product Name: oxygen concentrator

Purchase date Quality assurance period 2 year
 year month day From the date of purchase

















Customer Information:

Name: _____

Address: _____

Phone: _____

15 Glossary

Symbol	Description
	Manufacturer
	Consult instructions for use
	Authorized representative in the European Community
	Authorized representative in the UK
	Date of manufacture
	Class II symbol
	Batch code
	Type BF according to electrical safety requirements
	Serial number
	Recycling symbol
	Keep dry
	Caution
	Operating temperature limitation 0°C to 40°C (32°F to 104°F)
	Complies with applicable EU Standards
	Complies with applicable UK Conformity Assessment Standards.
	Protected from touch by fingers and objects greater than 12 millimeters, and protected from condensation.

Oxygen Concentrator

Model: XM-898

1 Important:

Les utilisateurs doivent lire l'intégralité de ce manuel avant d'utiliser le concentrateur d'oxygène XM-898. Ne pas le faire pourrait entraîner des blessures corporelles. Si vous avez des questions sur les informations contenues dans ce manuel d'utilisation ou sur le fonctionnement sûr de ce système, veuillez contacter votre distributeur.

2 Utilisation prévue:

Le concentrateur d'oxygène XM-898 est destiné à fournir de l'oxygène supplémentaire aux patients atteints de maladies pulmonaires chroniques et à tout patient nécessitant de l'oxygène supplémentaire. L'appareil est portable, permettant aux patients qui ont besoin d'un appareil à oxygène d'être traités à domicile conformément à la prescription ou aux directives d'un clinicien.

⚠ Le concentrateur d'oxygène n'est pas destiné à être utilisé:

1. Dans des situations de maintien de la vie ou de maintien de la vie.
2. Dans un environnement opératoire ou chirurgical.
3. Avec une population non adulte.
4. En conjonction avec des anesthésiques inflammables ou des matériaux inflammables.

3 Prudence

1. Si vous ne vous sentez pas bien lorsque vous l'utilisez, arrêtez immédiatement de l'utiliser et consultez un médecin attention.
2. Fumer (y compris les cigarettes électroniques) pendant l'oxygénothérapie est dangereux et est susceptibles d'entraîner des brûlures au visage, des blessures graves ou la mort du patient et d'autres personnes de Feu.
3. Utilisez uniquement des lotions à base d'eau compatibles avec l'oxygène, avant et pendant oxygénothérapie. N'utilisez jamais de lotions ou de pommades à base de pétrole ou d'huile lorsque faire fonctionner l'appareil pour éviter les risques d'incendie et de brûlures.