

POC - 3005i

Portable Oxygen Concentrator



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

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►► Introduction:

The Portable oxygen concentrator is a kind of machine that makes oxygen, and its principle is to use air separation technology. Firstly, the air is separated at a certain temperature by the condensation point of each component in the air with high density compression and then further distillation is obtained. The adsorption property of molecular sieve is used to separate the nitrogen from the oxygen in the air by the physical principle, and the nitrogen in the air is separated from the oxygen, and finally the high concentration of oxygen is obtained. This type of oxygen producing machine produces oxygen rapidly, oxygen concentration is high, suitable for all kinds of people oxygen therapy and oxygen health care. Electricity consumption is low, an hour's cost is only a quarter of the money, use price is low.

►► Specification:

Model	POC - 3005i
Flow Rate	5-10L/min
Purity Oxygen	$\geq 93\% \pm 3\%$ (1 LPM)
Voltage	AC220V \pm 22V, 50Hz \pm 1Hz/AC 110V \pm 15V, 60Hz \pm 1Hz
Output Pressure	0.04-0.06MPa
Sound Level	less than 40db
Power Consumption	90 Watts
Net Weight	5.4kg
Dimension	245x181x365(mm)
Battery Duration	60mins
Battery Recharge Time	4 hours recharge time to achieve 90% capacity
Standard Accessories	1 x Oxygen concentrator 1 x Headset oxygen pipe 1 x Lithium battery 1 x battery recharger 1 x AC-DC Car Inverter 1 x Power cord 1 x Bag 1 x Portable trolley 1 x User manual



►► Features:

1. Low power consumption, low cost of oxygen production
2. A full set of gas lines are low-pressure system program control, safe and reliable operation
3. Stable performance, low maintenance costs
4. Continuous oxygen, stop freely, flow adjustable, with the use of the system
5. Easy to operate, stable performance, low noise
6. Optional “atomization” device, oxygen and atomization therapy can be carried out at the same time
7. With oxygen concentration monitoring and power failure alarm function



►► How to Use ?

- The scientific selection of oxygen therapy time; For some patients with mild hypoxia, oxygen therapy can be carried out for half an hour to 1 hour per day. For patients with severe tracheitis, cardio-cerebrovascular disease, and severe asthma, family oxygen therapy experts recommend daily oxygen therapy for more than 12 hours to ensure adequate oxygen supply per day.
- Pay attention to the safety measures of oxygen therapy; Since oxygen is combustible, it should be kept away from open flame when inhaling oxygen, and should be placed in a cool and ventilated place without using the home oxygen generator.
- The nasal cavity and nasal aspirated oxygen tube should be cleaned and disinfected regularly; It is best to disinfect daily and replace the new nasal and nasal aspirated tube each week. The combination of the third and fourth points maximizes the hygiene of oxygen inhalation.
- The water in the humidified water tank should be replaced frequently; In general, when the water in the humidified water tank is slightly cloudy, it is necessary to replace and clean the humidified water tank. Household oxygen therapy experts recommend changing the water in a humidified water tank every day and cleaning it to ensure oxygen hygiene.

Regulatory compliances



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2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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