

Portable Medical Oxygen Generator For Hospital Pharmacy 95% Purity

Basic Information

Place of Origin: SUZHOU, CHINABrand Name: SUMAIRUI GAS

• Certification: ISO9001, CE, BV, SGS, TUV, ASME,

GOST,NB,NR ETC

Model Number: OSO
Minimum Order Quantity: 1 set
Price: Negotiable

Packaging Details: Exporting wooden case /Film packing

Delivery Time: 30-45 days

Payment Terms: L/C, T/T, Western Union, MoneyGram

Supply Ability: 100 sets/months



Product Specification

Purity: 95%Pressure: 5-10 BargMaterial: Stainless Steel

• Flow: 5-200 Nm3/h

Certificates: CE, ISO, ASME, GOST, KGS, NB Etc.

Application: Hospital And PharmacyCylinder System: Customized /Option

Cylinders: 40L/50L
Instrument: Included
HMI: Included
Flow Meter: Included
PRV: Included

• PLC: Siemens S7-1200

Valves: Burkert

Highlight: portable medical oxygen generator,

Product Description

OSO 95% purity Medical oxygen generator used for hospital and pharmacy with CE certificates **PSA TECHNOLOGY**

PRESSURE SWING ADSORPTION

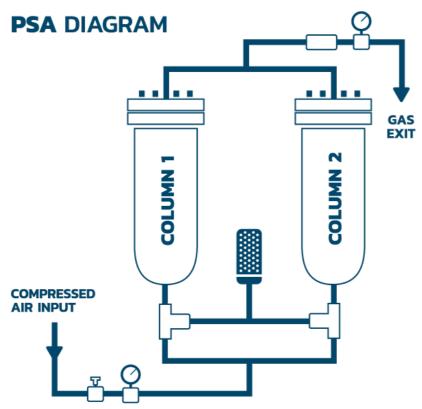
Pressure Swing Adsorption can be used to produce Oxygen from compressed air, which is fed to the unit that uses adsorption phenomena to remove the contaminants: H₂O and CO₂ are removed as other minor contaminants.

The PSA unit contains two columns packed with a selective adsorbent that has affinity towards the component to be removed: zeolite is used to produce O₂.

Each column undergoes a cyclic sequence of high and low pressure steps that guarantees the production of a continuous flow of high purity gas.

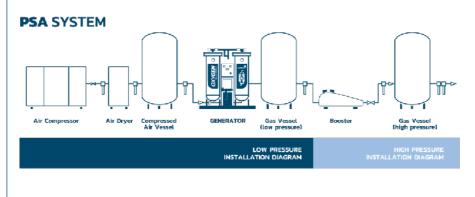
In the high pressure step, the adsorbent retains the contaminants present in the compressed air and the desired gas (Q) is obtained from the top of the columns.

The regeneration is accomplished in the low pressure step, with the release of contaminants retained by the adsorbent.



PSA ADVANTAGES

- Economy 90% reduction in the cost of Nitrogen
- Convenience elimination of logistical and administrative operations
- Continuous availability elimination of orders and deliveries
- Modularity / Scalability your installation grows with you
 Robustness, reliability and durability
- · Reduced maintenance
- Security
- · Ready-to-use engineering solutions





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