

Oxygen Generator and Cylinder Filling Station

This integrated system produces oxygen on-site and fills cylinders for storage and distribution. It combines an oxygen generator, using pressure swing adsorption (PSA) technology, with a cylinder filling station.



ADDITIONAL IMAGES



Overview

Compact Oxygen Generation & Filling Solution

This integrated oxygen generation and filling plant offers a one-stop solution for on-site oxygen production and cylinder filling. Utilizing proven Pressure Swing Adsorption (PSA) technology, the system is designed for high efficiency, reliability, and ease of operation. It is an ideal choice for small gas businesses, medical facilities, and industrial applications requiring a consistent, cost-effective oxygen supply with minimal maintenance.

Performance Metrics

Oxygen Purity

93 % Standard Purity	99.5 % Maximum Purity
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Production Capacity

1Nm³/h to 15Nm³/h (Standard models)

Key Features

System Features

- Proven PSA technology for reliable operation
- Full automatic control and standalone run capability
- Plug-and-run design for easy installation
- Low maintenance requirements
- Integrated skid design (can be separated for regulatory compliance)

Applications

Main Application Fields

Medical & Home Care, Outdoor Sports, Aviation, Cutting & Welding, Lab Research, Airport Support, Cylinder Filling, Gas Supply

Technical Standards

Quality Compliance

U.S.P 93% Medical Oxygen Standard