



SHELVES TECH

Product Title: AST-5 350LPM PSA Oxygen Generator Plant

High-Efficiency Medical Oxygen Solution | 72 Cylinders per Day Capacity

Product Overview

The AST-5 PSA Oxygen Generator is a comprehensive, on-site oxygen production plant designed to provide hospitals with a permanent and cost-effective alternative to liquid oxygen and high-pressure cylinders. This system produces medical-grade oxygen with 93% purity, allowing healthcare facilities to become self-sufficient.

Technical Specifications

Component	Specification Details
Model	AST-5 PSA Type
Flow Rate	350 LPM / \$21 Nm^3/hr\$
Purity	93% \$\pm\$ 3%
Outlet Pressure	\$4.2 - 4.5\text{ Kg/cm}^2\$
Daily Output	72 Cylinders per day
Air Compressor	22kW Oil-injected Screw Air Compressor
FAD / Pressure	\$4 m^3/min\$ @ 7.0 Bar
Air Dryer	Refrigerated Air Dryer (+)3 Deg C PDP
Filtration	5 micron, 1 micron, and 0.01 micron series
Storage Tanks	1000 Liter Air Receiver & 1000 Liter Oxygen Receiver
Control System	Microprocessor-based Touch Screen Color Panel
Protection	0.8kVA UPS for spike protection

Component	Specification Details
Monitoring	Ultrasonic sensor-based Oxygen Analyzer

Key Features & Advantages

- **Significant Savings:** Reduce your oxygen consumption bills by **65-70%** every year.
 - **Enhanced Safety:** Eliminates fire and explosion hazards associated with cylinder handling and cryogenic tank filling.
 - **Space Efficient:** Compact footprint (20' x 10' Sq. Feet) suitable for terraces, halls, or dedicated plant rooms.
 - **Operational Ease:** Reduces noise during loading/unloading and minimizes the staff required for cylinder management.
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Commercial Terms

- **Offer Price:** INR 38,00,000/- (Rupees Thirty-Eight Lakhs Only)
 - **GST:** Extra as applicable (typically 5%).
 - **Payment Terms:** 75% advance with purchase order; remaining 25% after delivery.
 - **Warranty:** 1 year from the date of installation.
 - **Delivery:** Machine will be delivered within 30-45 days.
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Installation Site Requirements

- **Site Dimensions:** area (in square ft) 20x 10 with a minimum height of 12 ft.
 - **Environment:** Neat, clean, and shaded area protected from outer weather conditions.
 - **Customer Scope:** Electrical cabling (MCB/Bus bar), water drainage, copper piping to manifold, and hot air exhaust ducting.
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Seller Information:

Shelves Tech India Pvt Ltd
Office No -110-111, 1st Floor
Gupta Arcade, Plot no-2
Inder Enclave, LSC Rohtak Road
Paschim Vihar New Delhi-110087

