

One Stop Laboratory Solution...

Lab Gas Generators



- High Reliability & Easy for Operation
- Compact Size
- Best Quality & Better Performance
- Over 500+ Installation in India & Internationals
- CE, ISO, FDA approved

Membrane Nitrogen Gas Generator



- Extensive experience in producing PSA and membrane units
- All the ATHENA Group's facilities are ISO 9001:2015 Certified
- Modular design for easy installation
- Systems designed for long-term reliability
- Smallest physical footprint available
- Strategic alliance with dryer and compressor suppliers
- Extensive global service network
- ATHENA Group has a top-rated membrane when comparing nitrogen/air ratio

The ATHENA Membrane module contains over one million fibers that selectively remove oxygen and water vapor from compressed air, which enters one end of the membrane module. The enriched nitrogen product flows continuously from the other end of the module where it can be used in production, blanketing, or captured for storage.

ATHENA membranes combine the best available membrane materials with state-of-the-art fiber bundling and the optimum module fabrication methods to provide the most cost-effective solution for on-site gas separation production....and we have over 20 patents to prove it!

Typical System Configuration (PFD)

The process flow diagram below provides a basic system description of the Nitrogen Membrane Generator. A detailed P&ID will be provided for the exact project once all the system options have been established.

