



N₂GEN[®]

Nitrogen Generators Engineered to Meet the Needs of Your Process

The N₂Gen[®] series of PSA nitrogen generators are designed to produce a wide range of flow rates at nitrogen purities of 95% up to 99.999%. All units are custom designed and can be packaged with dedicated air compressors for a complete turnkey solution. For larger flow rates or redundancy, duplexing options are available.



The N₂GEN[®] TS

The Tank Mounted Skid Series Nitrogen Generator is a PSA system designed to produce flow rates up to 300 SCFH.

The N₂GEN[®] CS

The Cabinet Skid Series Nitrogen Generator is a PSA system designed to produce flow rates up to 2,394 SCFH.



The N₂GEN[®] S

The Skid Series Nitrogen Generator is a PSA system designed to produce flow rates up to 36,562 SCFH.

* Flow rates dependent on nitrogen purity and pressure specifications.



Generate Nitrogen from Thin Air![®]

FEATURES:

- Ultra-high quality (AAA) grade CMS
- Every system is pre-tuned, calibrated and tested prior to shipping
- Continuous duty
- *EverPure Technology* ensures N₂ purity consistency
- Indoor/Outdoor installation
- Multilingual software (HMI/PLC)
- UL 508A listing
- Nitrogen storage tank options available
- 24/7 customer support

BENEFITS:

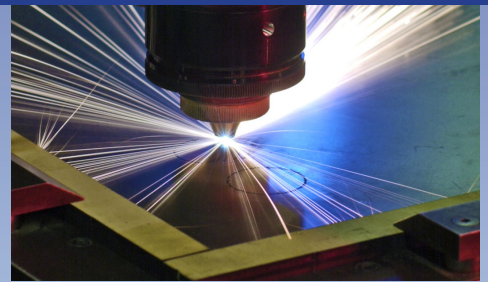
- Generate your own nitrogen on demand
- Reduce nitrogen costs by up to 90%
- Fast payback with ROI average 12-14 months over bulk liquid
- Custom options such as outdoor modification, upgraded PLC and more
- System life expectancy of over 20 years
- No missed deliveries, escalating costs, or contracts to sign
- Fully automatic: production begins when demand downstream is sensed



N₂GEN[®] Nitrogen Generators

HOW IT WORKS

South-Tek's tried, tested and proven nitrogen generation technology safely separates the readily available nitrogen from the air we breathe using Carbon Molecular Sieve (CMS). Molecules smaller than nitrogen are adsorbed into the CMS, allowing the larger nitrogen molecules to pass through into a storage tank for later process use. Our generators create quality nitrogen, ready for immediate use by any application. By using South-Tek's generators, your business can eliminate costly, unsafe and unnecessary gas alternatives. Contact us today to find out more!



APPLICATIONS

- Aircraft
 - Atmosphere Blanketing
 - Beverage
 - Brazing
 - Incubators
 - Chemical
 - Dry Boxes
 - Fire Protection
 - Power Plants
- Electronics
 - Fertility Labs
 - Food Processing and Storage
 - Heat Treating
 - Laboratory
 - Laser Cutting
 - LC/MS
 - Atmosphere Inerting
- Medical
 - Military
 - Oil and Gas
 - Optics and Instrumentation
 - Packaging
 - Pharmaceutical
 - Water Treatment
 - Tire Inflation
 - Public Utilities

Exclusively Distributed By:



Cost Comparison of Nitrogen Gas Resources:



Liquid Bulk Nitrogen
Up to \$1.00+ /CCF

Dewar
Up to \$5.50+ /CCF

High Pressure Bottles
Up to \$25+ /CCF

Nitrogen Generator
Up to \$0.10+ /CCF

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