

Nitrogen Gas Generation for University, Lab & Research Applications



N2 GEN® HP Series
High Pressure Bottle Fill



N2 GEN® TS Series
(Tank-Mounted)



N2 GEN® CS Series
(Compact Skid)



N2 GEN® S Series
(Skid-Mounted)



South-Tek Systems, the Leading Designer and Manufacturer of Nitrogen Gas Generation Technology

About Us.

South-Tek Systems is the leading designer and manufacturer of Nitrogen Generators for worldwide distribution, serving a wide range of industrial, lab, and military applications. Our technology is safe, reliable, and cost-effective. Generate your own nitrogen at your site and reduce your nitrogen costs by up to 90%.

APPLICATION EXAMPLES

- Bio-Fuel Manufacturing
- Cell Incubators
- Dry Boxes
- Inert Atmosphere
- IVF Applications
- Laboratory
- Mass Spectrometers
- Medical
- Pharmaceuticals
- Semiconductors



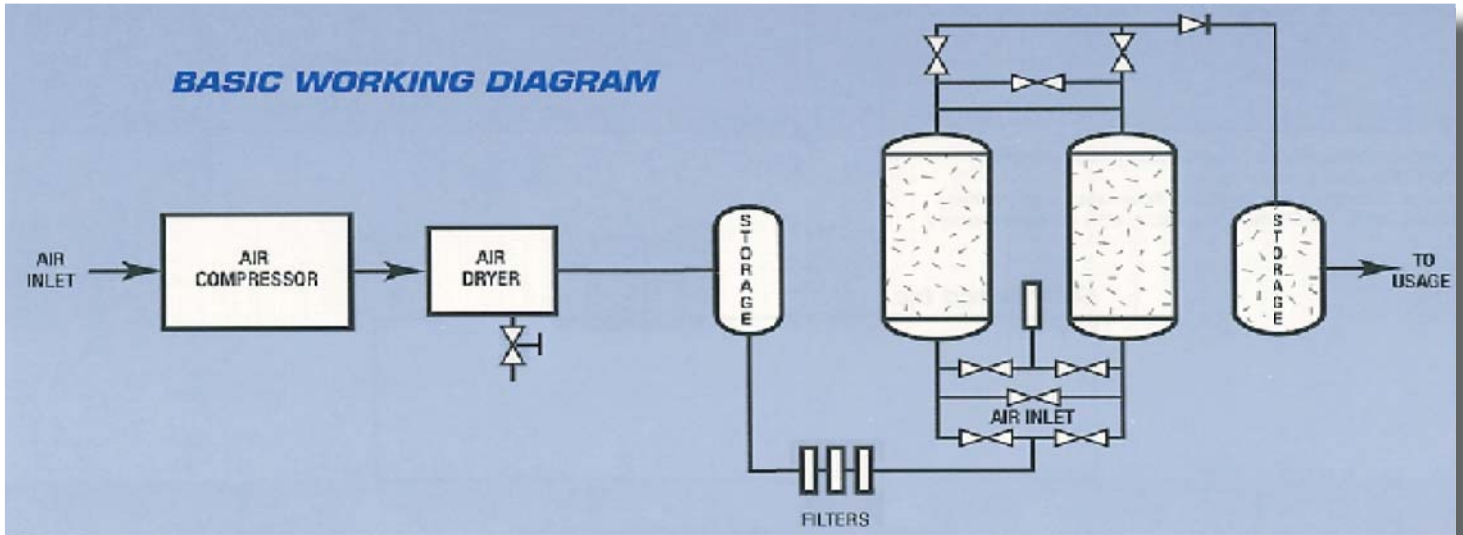
(visit our website at www.southteksystems.com for further Application details)

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We ARE Nitrogen.
www.southteksystems.com

Nitrogen Gas Generation for University, Lab & Research Applications



PSA TECHNOLOGY

- The air contains 79% Nitrogen; our systems mechanically filter out the other gases, concentrating the N2 into a storage tank for your process usage.
- Clean, dry compressed air enters one of the two adsorption vessels, containing Carbon Molecular Sieve (CMS).
- Smaller oxygen and residual molecules (H2, He, etc), are adsorbed into the CMS, allowing the larger Nitrogen molecules to pass through into a storage tank for later process use.
- Upon saturation, the first adsorption vessel releases the oxygen while the second adsorption vessel starts the process again.

ABOUT PSA N2-GEN® SERIES

	N2 GEN TS	N2 GEN CS	N2 GEN S
Series	Tank-Mounted	Compact Skid	Skid-Mounted
N2 Purity (%)	95 - 99.999	95 - 99.999	95 - 99.999
Flow Rate (SCFH)	2 - 1,074	47 - 2,686	296 - *U.C.
N2 Pressure Out (max)	115 PSIG	115 PSIG	115 PSIG
Storage Tank	60 / 80 Gallons	Varies	Varies
Warranty	2 Years ¹	2 Years ¹	2 Years ¹

* U.C. - Unlimited Capacities

¹ Per South-Tek Systems Terms & Conditions

SYSTEM BENEFITS

- Generate your own Nitrogen on demand
- Reduce your Nitrogen costs by up to 90%
- Fast payback with ROI average 12-14 months over bulk liquid
- Unique to STS, Purity Certification included with each system
- Systems' life expectancy of over 20 years
- No missed deliveries, escalating costs, or contracts to sign
- Fully automatic: production begins when demand downstream is sensed

CONTACT

For further information, please contact South-Tek Systems:



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