South-Tek Systems

# South-Tek Systems Nitrogen Generators

*A safer, smarter and cost-effective solution*

## Nitrogen Generators Engineered to Meet the Needs of Your Process

The $N_2$GEN 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 a dedicated air compressor, dryer and/or booster if needed for a complete turnkey solution. For larger flow rates or redundancy, duplexing options are available.

## System Benefits

**Nitrogen on Demand**

**Up to 90% savings** on nitrogen costs

**Smart-Trak™** remote access

- Fully automated Nitrogen on demand
- Nitrogen at a reduced cost of up to 90% compared to gas company
- Favorable ROI
- No missed deliveries, escalating costs or contracts to sign
- System life expectancy of over 20 years
- Industry leading warranty with extended terms available
- 24/7 customer support
- Smart-Trak allows you to remotely monitor and manage the nitrogen generator from any mobile device

N2GEN®

### *The $N_2$GEN TS*

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

### *The $N_2$GEN CS*

The Cabinet Skid Series Nitrogen Generator is designed to produce flow rates up to 2,400 SCFH.

### *The $N_2$GEN S*

The Skid Series Nitrogen Generator is designed to produce flow rates of 35,000+ SCFH.

** Flow rates dependent on nitrogen purity and pressure specifications.*

★ PROUDLY ★ MADE IN USA from US & imported components

## How it Works

South-Tek's nitrogen generation technology safely separates the readily available nitrogen from the air we breathe using Carbon Molecular Sieve (CMS). Under pressure, molecules more active than nitrogen are adsorbed into filtration media, allowing the nitrogen molecules to pass through into a storage tank for later process use. Our generators create the highest quality nitrogen (filtered beyond the air we breathe), ready for immediate use by any application.

## Applications

- Automotive
- Beverage
- Chemical
- Corrosion Control
- Electronics
- Food Packaging
- Fire Protection
- Fire Suppression
- Food Storage
- Heat Treating
- Laboratory
- Laser
- Medical
- Military
- Oil and Gas
- Optics Manufacturing
- Pharmaceutical
- Plastics
- Power
- Renewable Energy
- Semi Conductor
- Tank Blanketing
- Waste Treatment
- Water Treatment

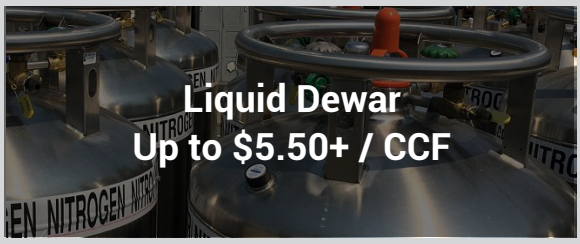
## Who We Are

South-Tek Systems was founded in 1997 with a sole focus to design and manufacture the most reliable, durable and cost-effective nitrogen gas generators on the market. Located in Wilmington, NC, our 70,000 sq ft facility is capable of producing custom engineered solutions for all nitrogen applications and specifications. Because of our dedication to our customers and their applications, South-Tek has become one of the largest manufacturers of nitrogen generation equipment with over 12,000 systems installed in the United States and abroad.

### Clients Include

Air National Guard • Altec • Army National Guard • Bobcat • Chiquita Brands • Coca Cola • Colgate • Combe Products • Cornell • Cummins • Delphi • Duke Energy • Eaton Corp • Enterprise Products • Facebook • Fuji Xerox • Frito Lay • GE • Hill's Pet Nutrition • Honda • Honey Well • Husqvarna • Johnson & Johnson • J.M. Huber • Juki • Kurtz Ersa • L3Harris • LaColombe Coffee • Lockheed Martin • Medtronic • Nissan • Northrup Grumman • NSA • Nuclear Regulatory Commission • Petrotrin • Pfizer • Purdue University • Regeneron • Royal Cup Coffee • SAIC • Schlumberger • South Refinery Corporation (Iraq) • Southern Power • Texas Children's Hospital • US Army • US Army Corps of Engineers • US Navy • USAF • USDA • USMC

## Cost Comparison



**Find out how much a custom Nitrogen Generation Solution could save your company today!**

*Operating and Capital Lease packages available*

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CE UL 508A

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