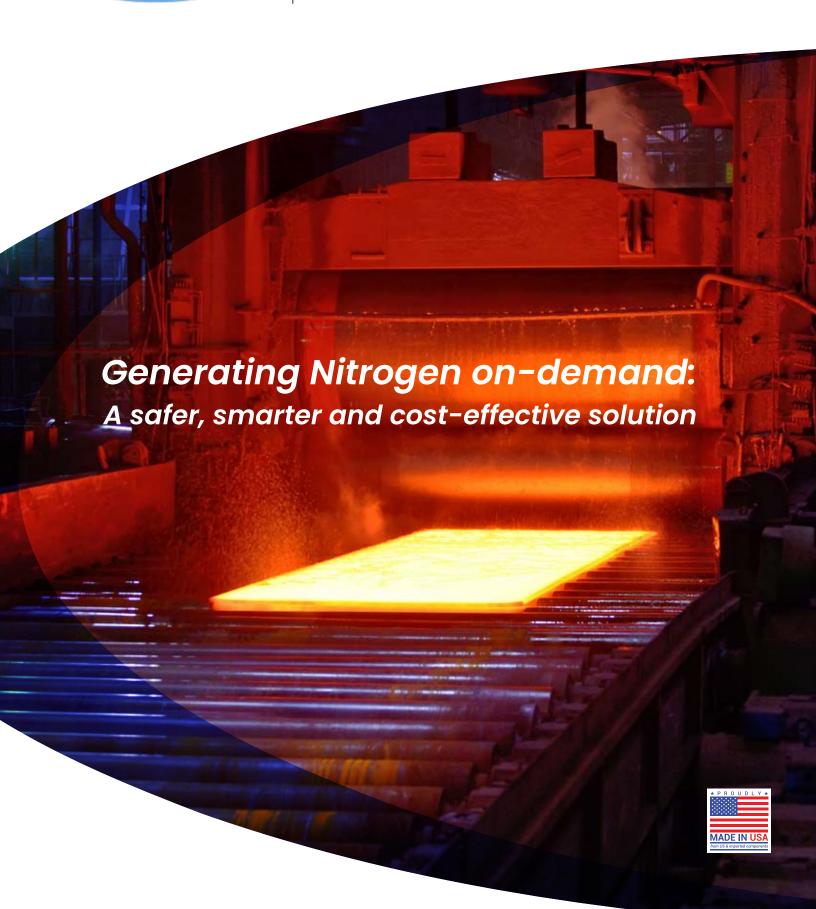


Heat-Treating Industry NITROGEN GENERATORS





South-Tek's nitrogen generators benefit the Heat-Treating industry when continuous flow of either pure N2 or N2 as a component is needed in a process such as blanketing, nitrogen purging, or carrier gas.

Our nitrogen generators provide a fast, favorable ROI, and, when comparing the cost of generating nitrogen to buying liquid nitrogen in bulk, South-Tek's clients on average realize up to a 50-90% savings.

Since 1997, South-Tek has designed, developed and manufactured best-in-class nitrogen generation technology. Based in the U.S.A., we have installed over 12,000 systems in both privately held businesses and Fortune 500 companies - all looking to drive cost savings and efficiency. With over two decades of experience delivering reliable generators and providing superior customer service, South-Tek has earned a reputation as

the nitrogen expert.

Engineered-to-order Solutions Offer:

- Continuous nitrogen on-demand
- 95-99.999% nitrogen purities
- A wide range of flow rates up to 35,000+ SCFH



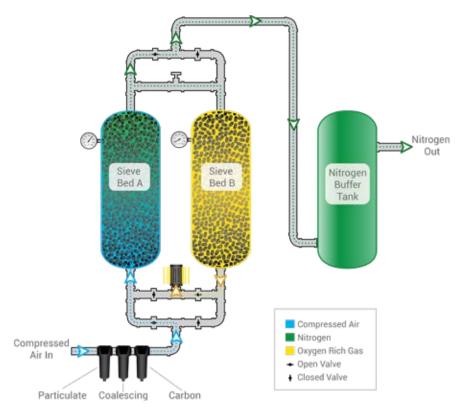
The South-Tek Difference Innovative technology engineered for optimum performance

Dual-Bed, PSA Technology

South Tek's nitrogen generators use dual-bed, PSA technology. The PSA (Pressure Swing Adsorption) filtration delivers 99.99% pure nitrogen while the dual-bed design allows for maximum efficiency and minimal maintenance. Combined, the dual-bed design and PSA technology are a powerful solution with a 20+ year system life*.

South-Tek has over two-decades of history solely focused on nitrogen generation. We've been around, and will be around (for the life of your system).

PSA - How it Works



- Compressed air is filtered, removing oil, water, dirt and other impurities
- Sieve Bed A acts as a sponge, using carbon molecular sieve to adsorb oxygen
- Simultaneously, Sieve Bed B is in recovery, oxygen rich off-gas is exhausted into the atmosphere. After a period of time, the process will switch.
- Specified purity nitrogen is discharged into the nitrogen buffer tank, ensuring a steady downstream supply and uninterrupted N₂ usage.

Smart-Trak

A powerful software/user interface, Smart-Trak offers unprecedented control and testing capabilities for the end user.

Smart-Trak allows you to access information such as equipment runtime, time in air bypass mode, current system status, and maintenance reminders. Remotely monitor and manage your nitrogen generator from any mobile device.





Cost Comparison

On-Going, Contracted Purchase



High Pressure BottlesUp to \$25.00+ / CCF



Liquid Dewar Up to \$5.50+ / CCF



Liquid Bulk Tank Up to \$1.00+ / CCF

- One-Time, Capital Expense —



STS Nitrogen Generator As low as \$0.10 / CCF

LEASE OR PURCHASE OPTIONS - REQUEST A QUOTE TODAY

Contact: industrialsales@SouthTekSystems.com | (888) 526-6284

