

N2-GEN[®] M Series - Nitrogen Generator



Cost Savings.

South-Tek's N2-GEN[®] M Series is more cost-effective than purchasing & maintaining either banks of N2 cylinders or N2 liquid bulk storage tanks. In most cases, up to 90% in N2 cost savings.



MEMBRANE TECHNOLOGY

The South-Tek Systems N2-GEN[®] M (Membrane) Series Nitrogen Generator is engineered for the more cost sensitive applications where higher pressures between 115 - 225 PSI and/or portability is required. The M Membrane Series is capable of producing from 95% to 99.5% N2 purity, and can provide N2 flow rates up to 100,000 cubic feet per hour (SCFH).

"Make your own Nitrogen with the N2-GEN[®] M Series and never wait for a delivery again..."

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

MEMBRANE TECHNOLOGY

- The air contains 79% Nitrogen; membrane technology mechanically filters out the other gases, concentrating the N2 into a storage tank for your process usage.
- Clean, dry compressed air enters one or more internal membranes - a polymeric hollow fiber which permeates oxygen, water vapor, and impurities out of side walls, allows Nitrogen to flow through its center, effectively separating the nitrogen from the air.
- Membrane technology provides 8 – 13 year lifespan (when properly maintained)

NITROGEN

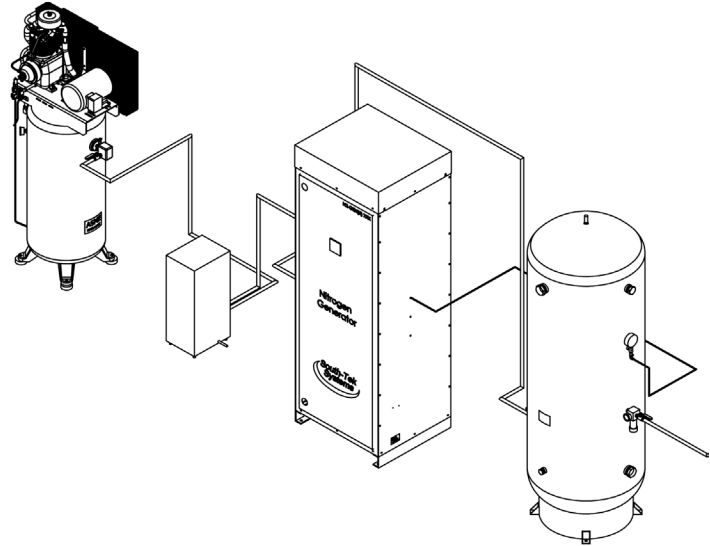
- Inert, clean, dry, non-flammable gas
- Has less than -10° F dew point
- Does not support the corrosion reaction
- Prevents oxidation of non-metallic components

N2 LIQUID BULK FACTS

- Liquid N2 boils at -320 degrees fahrenheit
- 2% of your tank volume can be lost due to evaporation every 24 hours
- No precise Liquid N2 volume readings from delivery truck when delivered
- Inconvenient, unsafe, and unreliable
- Locked into a gas contract and constantly paying bills

N2-GEN[®] M Series Specifications

TYPICAL INSTALLATION AND SYSTEM LAYOUT



SYSTEM BENEFITS

N2-GEN[®] M Series - Nitrogen Generator

- Generate your own nitrogen on demand
- Reduce your nitrogen costs by up to 90%
- Fast payback with 2-14 month ROI over bulk liquid
- DAS / Purity Certification included with each system
- Systems life expectancy of 8 - 13 years
- No missed deliveries, escalating costs, or contracts to sign
- Fully automatic and energy efficient - production begins when demand downstream is sensed

Represented by:

PRODUCT SPECIFICATIONS

Product line: M Series	Skid or Cabinet
N2 Purity	95% - 99.5%
Flow Rate	up to 100,000 SCFH
N2 Pressure Out (max)	225 PSIG
N2 Storage Tank	Varies
Maintenance	Annual (Filter Kits)
Warranty	1 Year ¹

¹ Per South-Tek Systems Terms & Conditions. Extended warranty options are available.