

N2-GEN 4 - Compact Nitrogen Generator

Introducing the N2- GEN 4 - *Compact Nitrogen Generator* for use with Optics and Night Vision devices. On-demand Nitrogen Generator eliminates the need for high pressure bottles and outside Nitrogen source. Designed & Manufactured by South-Tek Systems, the leader in Nitrogen Generation Technology.

Demand

Nitrogen has been utilized successfully for years and has been proven to protect against moisture, NVD's, and optics. Nitrogen, which makes up 79% of the air we breathe, is the perfect solution for moisture protection. Nitrogen is inert and by displacing the oxygen within optics parts with a low pressure slow flow Nitrogen purge, you eliminate oxygen and moisture during maintenance.



N2-GEN 4 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.
- Condition Based Maintenance (CBM+)
- Significantly Lower Life Cycle Cost - Can replace all current Nitrogen charging purge kits.
- No Special Tools required
- Imbedded Diagnostics
- Sustainment and Field Level platforms available
- Increased Safety - Eliminates high pressure bottles
- High reliability due to simple airflow designs
- Utilizes lower operating and delivery pressures
- Nitrogen on demand as needed

NITROGEN

- Inert, clean, dry, non-flammable gas
- Has a true -40° to -70° F dew point
- Does not support the corrosion reaction
- Prevents the formation of ice blockages
- Prevents oxidation of non-metallic components
- Targets both Aerobic and Anaerobic Bacteria

Night Vision Devices



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



N2-GEN 4 Specifications



Engineering Specifications

N2 GEN 4 - 100 - 18P - R Nitrogen Generator Includes:

- Integrated 1/2 horsepower compressor
- N2 Storage Tank included
- Optical Air Purge Kit Connection included
- Integrated BlastOff™ - Leak Detection System
- Built-in Service Indicator
- Electrical: 110 Volts / 60 Hz / 1 Phase
- Quick disconnect on both the intake and discharge of Storage tank
- Threaded Chuck for E1255 connection
- US Army / USMC / TM published on MILnet
- GSA Contract # GS 07F9480S
- NSN # 3655-01-556-1083

For further information, please contact South-Tek Systems:



Charles Metzler
 South-Tek Systems
 Phone: 910.332.4173 ext. 104
 Cell: 910.228.9304
 Email: metzler@southteksystems.com

Product Specifications

Series: N2-GEN 4	Cabinet
N2 Purity	99.0+%
N2 Pressure Out (max)	100 PSIG
N2 Storage Tank	28 Gallons
Cabinet Size (in)	32 x 16 x 11
Cabinet Wt (lbs)	75
Maintenance	Annual (Filter Kits)
Warranty	2 Years ¹

¹ Per South-Tek Systems Terms & Conditions.

N2-GEN 4 - Compact Nitrogen Generator / We ARE Nitrogen.

phone: 888.526.6284 / fax: 910.332.4178 / web: www.southteksystems.com / Copyrighted All Rights Reserved - 2013

