

N2-GEN[®] - Nitrogen Generator

Introducing the N2-GEN[®] - Nitrogen Generation System, providing ultra-high quality Nitrogen without the risk of traditional bulk liquid Nitrogen



N2-GEN TS



N2-GEN CS



N2-GEN S

HAZARD 1: HIGH PRESSURE

Compressed gases are often contained in high pressure cylinders. If these cylinders are not properly maintained, any of the following can happen:

- Dangerous gas leaks
- Runaway Reactions
- Bursting of the vessels
- 'Rocketing' or 'pin wheeling,' where a damaged, unsecure vessel is flung around due to high pressure escaping the container at rapid rates

Nitrogen generators eliminate these unnecessary dangers by removing the presence of high pressure cylinders.



HAZARD 2: EXTREME COLD

Users of Nitrogen often receive it in cryogenic liquid form. Both the liquid and it's vapors are extremely cold and bring several hazards with them:

- Danger of tissue destruction or severe frostbite
- Danger of asphyxiation and/or increased risk of fire hazard
- Build-up of high pressure from evaporating liquids
- The embrittlement of many materials which may fracture at these temperatures

Since Nitrogen generators produce Nitrogen on site, all of these hazards are eliminated.

generate
nitrogen
from thin air[®]

HAZARD 3: ASPHYXIATION

Nitrogen can cause asphyxiation because it is an inert gas, purging the atmosphere of Oxygen which is essential for living.

- Asphyxiation is more likely to occur with stored Nitrogen as a leak can arise, especially if the gas is stored in a confined space.
- If inhalation of the gas happens, an immediate loss of consciousness will take place, causing possible injury or worse.

Because our generators produce Nitrogen on demand for their applications, the danger of asphyxiation is negligible.



N2-GEN[®] - Nitrogen Generator / We ARE Nitrogen.

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HOW IT WORKS

South-Tek's *tried, tested and proven* Nitrogen Generation Technology safely separates the readily available Nitrogen from within the air we breathe. This process is safe, efficient, and saves: ask one of our representatives to compare our nitrogen generators to CCF costs.



SYSTEM BENEFITS

- Automatically generate your own Nitrogen on demand
- Reduce your Nitrogen costs by up to 90%
- No missed deliveries, escalating costs, or contracts to sign
- Fast payback with ROI average 12-14 months over bulk liquid
- System life expectancy of over 20 years
- Standard 2 year warranty

CONTACT

For more information, contact SouthTek Systems:



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