



CPI (Integrated Air Compressor) and CPx Compact Nitrogen Generators

The N₂GEN[®] CPx and CPI Mini PSA Series provides an alternative for your gas supply that is more cost effective than purchasing and maintaining either banks of N₂ gas cylinders or N₂ liquid storage tanks. PSA Nitrogen Gas generator technology guarantees consistent high N₂ purity up to 99.999%, all within a compact foot print. The CPI comes with an integrated air compressor, while the CPx requires an external air compressor. Both include a control panel with run status, filter reminders, and an hour meter. The PLUS versions includes a full PLC and display with the option to include an oxygen analyzer to monitor N₂ purity in real time. N₂ cost savings can reach 90% or more over the cost of your local gas company.



Generate Nitrogen from Thin Air![®]

FEATURES:

- 24/7 Customer Support
- Ultra-high quality (AAA) grade CMS
- Every System is pre-tuned, calibrated, tested, and comes with a Purity & Performance Certification
- Continuous Duty
- EverPure Technology ensures N₂ purity consistency
- Indoor/Outdoor Installation
- Multilingual Software on CPI-PLUS Models
- UL 508A Listing
- N₂ Storage Tank Included

BENEFITS:

- Generate your own Nitrogen on demand
- Reduce Nitrogen costs by up to 90%
- Fast payback with ROI average 12-14 months over bulk liquid
- Custom options such as Purity Certification and EverPure™
- System life expectancy of over 20 years
- No missed deliveries, escalating costs, or contracts to sign
- Fully automatic: production begins when demand downstream is sensed



N₂GEN Nitrogen Generator

PRODUCT SPECIFICATIONS

Series	CPI and CPx	CPI and CPx-PLUS
N ₂ Purity	95% - 99.999+%	95% - 99.999+%
N ₂ Pressure Out	60 PSIG	60 PSIG
N ₂ Storage Tank	Included	Included
Dimensions	2CPI: 13"w x 10"d x 29.5"h	13"w x 10"d x 37"h
	4 CPI: 26"w x 18"d x 64"h	26"w x 18"d x 64"h
	2 CPx: 19.5"w x 10"d x 29.5"h	19.5"w x 10"d x 29.5"h
	4 CPx: 32"w x 18"d x 64"h	32"w x 18"d x 64"h
Weight	2CPI: 85 lbs.	85 lbs.
	4 CPI: 140 lbs.	140 lbs.
	2 & 4 CPx: 75 lbs.	140 lbs.
Maintenance	Annual (Filter Kit)	Annual (Filter Kit)
O ₂ Analyzer	Handheld option (max 99.5%)	Optional Low or High Purity (Integrated)
Air Compressor	CPI: Integrated	Integrated
	CPx: External	External
Warranty	1 Year	1 Year



Exclusively Distributed By:

APPLICATIONS

- Laboratory
- Incubators and Cell Culture
- Mass Spectrometry
- Enhanced Oil Recovery
- Wind Energy
- Food Storage and Packaging
- Tank Blanketing
- Adhesives



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 using CMS. Molecules smaller than N₂ are absorbed into the CMS, allowing the larger nitrogen molecules to pass through into a storage tank for later process use. Our generators create quality Nitrogen immediately ready for any application. By using STS generators, eliminate costly, unsafe, and unnecessary gas alternatives. Contact us today to find out more!

