

# PSA Nitrogen Generators

*A safer, smarter and cost-effective solution*

**HEN<sub>2</sub>GEN Nitrogen Generators are specifically designed to work with our equipment and eliminate the need for an outside Nitrogen source.**



The HEN<sub>2</sub>GEN series of PSA nitrogen generators are designed to produce a wide range of flow rates at nitrogen purities from **95% up to 99.999%**. All units are custom designed and can be packaged with a dedicated air compressor, dryer and/or booster if needed for a complete turnkey solution. For larger flow rates or redundancy, duplexing options are available.

## System Benefits

- Fully automated Nitrogen on demand
- Nitrogen at a reduced cost of up to 90% compared to gas company
- Favorable ROI
- No missed deliveries, escalating costs or contracts to sign
- Life expectancy of over 20 yrs.
- Industry leading warranty with extended terms available
- 24/7 customer support
- Smart-Trak allows you to remotely monitor and manage the nitrogen generator from any mobile device

### The HEN<sub>2</sub>GEN TS

The Tank Mounted Skid Series is designed to produce flow rates up to 300 SCFH.



### The HEN<sub>2</sub>GEN CS

The Cabinet Skid Series is designed to produce flow rates up to 2,400 SCFH.

### The HEN<sub>2</sub>GEN S

The Skid Series is designed to produce flow rates of 35,000+ SCFH.

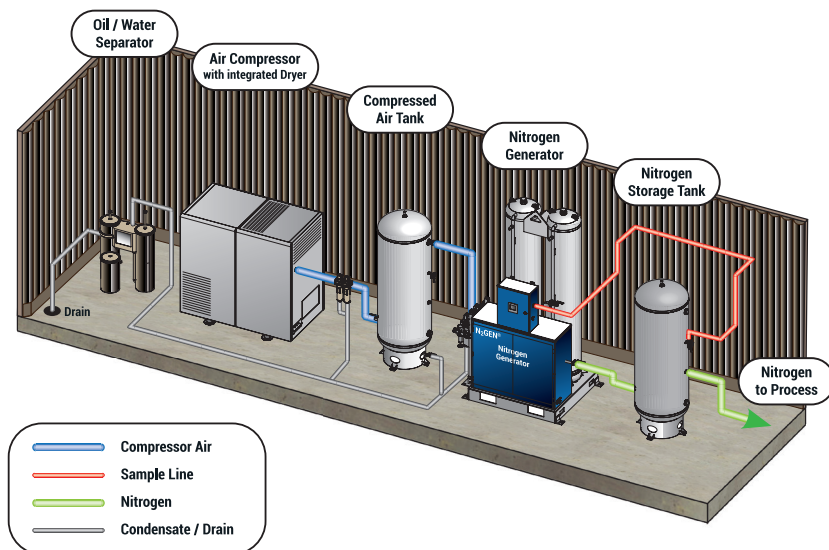


*\* Flow rates dependent on nitrogen purity and pressure specifications.*



## How it Works

Our nitrogen generation technology safely separates the readily available nitrogen from the air we breathe using Carbon Molecular Sieve (CMS). Under pressure, molecules more active than nitrogen are adsorbed into filtration media, allowing the nitrogen molecules to pass through into a storage tank for later process use. Our generators create the highest quality nitrogen, ready for immediate use by any application.



## Quick Select System Guide

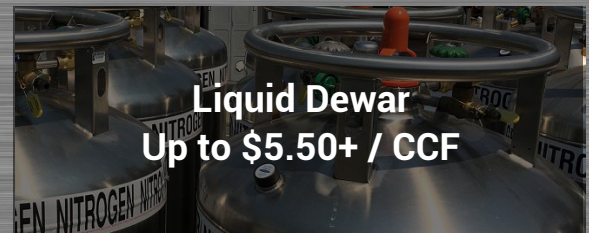
Application	HEN <sub>2</sub> GEN Model	Purity (%)	N <sub>2</sub> Flow Req. (SCFH)	Comp. Air Req. (SCFM)	Storage Tank
Single Selective Pot	HENGEN-1SSP	99.999+	50	8.1	60 gal.
Dual Pot	HENGEN-2SSP	99.999+	100	15.6	60 gal.
Four Pot	HENGEN-4SSP	99.999+	200	32.3	60 gal.
Odyssey Tinning System	HENGEN-1TSP	99.995+	125	14.4	60 gal.

## Who We Are



Hentec Industries/RPS Automation designs and manufactures high precision selective soldering, lead tinning and solderability test equipment for electronics and circuit board manufacturing and assembly. Hentec/RPS has over 25+ years of automated soldering experience, more than 1,100 installations worldwide, and a wide range of customers. All systems are built in the USA and feature precision robotics, easy to use software, extensive warranty coverage, and exceptional customer service. Hentec/RPS builds success one customer at a time.

## Cost Comparison



Find out how much a custom Nitrogen Generation Solution could save your company today!

*Operating and Capital Lease packages available*

**509-891-1680**  
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