

## Bulk Specialty Gas Systems

# NanoPurge® BSGS

[www.cerestechnologies.com/en/our-products](http://www.cerestechnologies.com/en/our-products)

**NanoPurge® BSGS** is a fully automated, single source, high pressure, high flow rate, specialty gas delivery system. With up to 1,000 slpm of flow rate capacity, **NanoPurge® BSGS** can support many points of use.

The **NanoPurge® BSGS** is intended to be paired with a companion system to provide auto-switch operation, full redundancy, and manual cross-over plumbing to connect to the companion bulk source, in the event of any kind of failure of the companion system.

### Why choose **NanoPurge® BSGS**?

- 10 years of performance and reliability
- Economy of scale solution for fab-wide delivery
- Rated for C1/D2 and CGA 13 Installations
- Full redundancy when installed as a pair
- Part of turnkey bulk delivery from source to POU
- User friendly software used in our full portfolio

### Applications

**NanoPurge® BSGS** serves fab-wide delivery of high pressure, bulk specialty gases such as SiH<sub>4</sub> and NF<sub>3</sub>, used in semiconductor, solar, and display processes that consume gas at high flow rates or many points of use in the fab.

Reliability and redundancy are prerequisites of fab-wide gas supply, and dual **NanoPurge®** systems combine the key ingredients to meet safety, flow rate demand, and production uptime.



Cabinet vs Rack version  
Models available with and without block heaters

### Features

- Cabinet or Rack design for indoor/outdoor
- High pressure, high flow rate, valve design
- 3/4" UHP Plumbing with on-board JT Heater
- Manual cross-connect for back-up operation
- Safety-rated for flammables and pyrophorics
- Source pigtail isolation box – (not shown)