

Bulk Specialty Gas Systems

LumiSource™ BSGS

www.cerestechnologies.com/en/our-products

LumiSource™ BSGS 3000 is a fully automated, low pressure, high flow rate, auto-switch bulk specialty gas delivery system from y cylinders or ISO tanks. With 1" plumbing, on-board gas line heating, and single stage pressure regulation for low pressure source gases, LumiSource BSGS 3000 supports flow rates up to 3,000 slpm NH₃. LumiSource BSGS 3000 is often purchased in pairs to provide full redundancy, increased capacity, and cascade switching from four bulk gas sources.

Why choose LumiSource™ BSGS?

- 15 years of performance and reliability
- Economy of scale solution for fab-wide delivery
- Optimized for high flow rate delivery of NH₃
- Full redundancy when installed as a pairPart of "Source to Chamber" portfolio
- User friendly software used in all our products



Applications

LumiSource™ BSGS 3000 serves fab-wide delivery of low pressure, bulk specialty gases such as NH₃, used in semiconductor, solar, and LED 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 LumiSource™ BSGS 3000 systems combine the key ingredients to meet safety, flow rate demand, and production uptime

Features

- Dual source, auto-switch gas delivery
- Low pressure, high flow rate, valve design
- Measures product weight and pressure
- 1" UHP plumbing with on-board JT heaters
- On-board purge and evacuation circuits
- Source pigtail isolation box – (not shown)