

Speciality Gas Delivery Systems

NanoPurge[®] VMB

www.cerestechnologies.com/en/our-products

The **NanoPurge[®] VMB** is a fully automated valve manifold box designed for distributing electronic specialty gases from a single or optional dual cylinder source to multiple points of use. Featuring one source gas inlet and up to eight modular branch manifolds, each stick includes valve isolation, pressure regulation, pressure sensing, purge/evacuation, and coaxial monitoring—ideal for handling hazardous gases. Modular design allows customization based on the number of required outlets. The **NanoPurge[®] VMB** is our premier solution for low-flow gas distribution.

Why choose **NanoPurge[®] VMB**?

- Fully automated “set it and forget it” operation for minimal user intervention
- Safe supply, isolation, and communications to tools and FGMS
- Economy of scale by multi-point distribution of hazardous gases Modular design supports tailored configurations and future scalability
- **NanoPurge[®] VMB** is SEMI compliant

Applications

Designed for sub-fab distribution, the system enables safe and efficient delivery of specialty gases from a single source to multiple points of use.

It supports remote distribution, isolation, purging, and evacuation of hazardous gases, ensuring reliable supply and enhanced safety for process equipment.



Features

- ¼" UHP SS VMB sticks
- Safe, exhausted cabinet for all plumbing
- ESO source gas isolation valve, with manual LOTO valve
- Manual and pneumatic stick inlet valves on all branches