GASGUARD® Systems

Safe, Reliable, Cost-Effective Gas Cabinets and Panels
Models 1000, 2000, 3000 and 7000

Description

Since our first gas cabinet delivery in 1983, the Air Products GASGUARD systems have represented the company's commitment to provide state-of-the-art equipment for specialty gas storage, delivery and control to the global Electronics industry. Air Products' GASGUARD gas cabinets have established the benchmark for gas cabinet technology. With the experience of multiple factories and design centers, a worldwide installation base, hundreds of millions of service hours and the operational excellence of our global MEGASYS® onsite management teams, our GASGUARD designs bring continual focus on safety, reliability and your costs.

Models

The GASGUARD product line includes both automatic and manual systems in a variety of configurations – from a single-source system to a three-cylinder source and purge system. The different models can accommodate a full range of hazardous gases – flammable, pyrophoric, corrosives, toxics and highly-toxics, all tailored to meet your needs.

Model	Service	Available Options
GG1000	Manual systems, designed specifically for inerts and some oxidizers	• Analog readouts • Scale • Manual purge venturi
GG2000	Semi-automatic system, designed for some flammables, oxidizers and light toxics	• ASO • Cabinet or open rack • And more!
GG3000	Fully-automatic, designed for toxics and some pyrophorics	• AXO • DPO – with or without multiple outlets • UVIR • And more!
GG7000	Fully-automatic, designed specifically for pyrophorics	• AXO • DPO – with or without multiple outlets • And more!

Controls

At the heart of our product line are the various easy-to-use control platforms, each designed to provide the operator with the most cost-effective control platform.

- TE10 – The TE10 controller incorporates a standard, industrial-grade PLC controls system as its platform. Touch screen and Ethernet connectivity are standard.
- AP10 – The AP10 controller incorporates a standard, commercially-available, industrial-grade control system as its platform. This control system is based on PC104 form-factor technology, which provides world-class reliability and functionality. In addition, you benefit readily-available replacement parts, lower costs, and a controller with more functionality than legacy control systems.

A key feature of the AP10 and TE10 are the standard touchscreen operation, which provides quick and easy access to system functions, while providing the same level of security as legacy controllers.

Certification and codes

In keeping with the Air Products commitment to safety, GASGUARD systems comply with applicable codes and guidelines by OSHA, TGO, NEC, CE, Uniform Fire Code (UFC80), International Fire Code, National Fire Protection Agency (NFPA 318), SEMI S2-2000 and NRTL Listing.

GASGUARD Family – Complimentary Systems

- GASGUARD High Flow and Very High Flow (VHF) Bulk Specialty Gas Supply (BSGS) Systems – Air Products has more bulk installed systems than all of our worldwide competitors, combined
- GASGUARD Valve Manifold Boxes (VMB) and Distribution Valve Boxes (DVB)
- QMAC® Analytical Systems
- ChemGuard® Liquid Delivery Systems

AIR PRODUCTS

For More Information

If you would like additional information or technical assistance, please feel free to contact:

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